Published in "Diversity and Distributions doi: 10.1111/ddi.12149, 2013"
which should be cited to refer to this work.

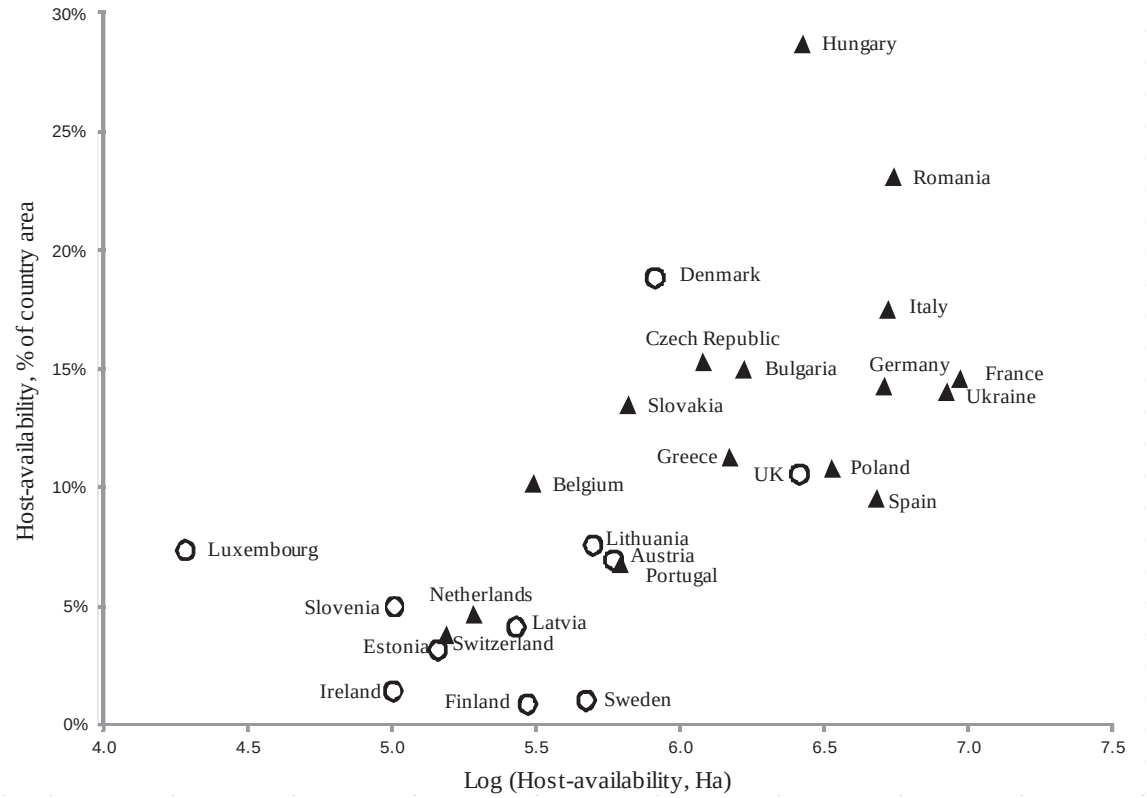

Figure S1. Host-availability for the Tobacco Whitefly *Bemisia tabaci* (Aleyrodidae; Hemiptera) in Europe. All agricultural and forest host from the FAOSTAT and FAO FORESTAT databases were included, with host-plant relationships obtained from EPPO and CABI Crop Compendium. Host availability is expressed as both absolute area in hectares (Ha) and as a percentage of total country area. Countries that have already been invaded by *B. tabaci are* highlighted with a **Δ**, and countries free of *B. tabaci* are represented as a **O** (EPPO and DAISIE)

Table S1

	All Insects	Bemisia tabaci	Helicoverpa armigera	Thrips palmi	Spodoptera littoralis	Liriomyza huidobrensis	Liriomyza trifolii
TV							
Austria	773'674	61'441	12'728	15'223	13'369	833	5'396
Belgium	16'830'495	912'654	194'491	257'366	448'681	327'331	386'580
Bulgaria	462'314	41'711	13'697	11'449	8'956	91	3'758
Cyprus	280'825	19'450	20'563	269	4'446	1'473	11'639
CzechRepublic	807'744	50'517	10'066	13'842	20'589	1'242	7'072
Denmark	1'738'619	117'976	32'738	30'863	30'475	29'697	37'667
Estonia	107'009	1'837	3'710	133	7'080	137	475
Finland	931'687	36'036	15'281	8'921	26'629	15'925	17'970
France	12'000'106	1'070'339	647'648	205'818	962'560	206'835	646'207
Germany	25'345'450	1'560'614	207'904	670'309	457'934	587'692	640'772
Greece	2'945'355	236'769	111'835	67'004	25'887	89'857	110'422
Hungary	436'926	18'936	9'395	3'791	14'477	243	12'260
Ireland	598'832	30'527	6'061	5'639	34'925	10'655	12'337
Italy	15'530'080	1'224'520	322'948	344'605	226'771	371'969	445'530
Latvia	66'798	4'332	5'931	1'356	2'647	4	1'016
Lithuania	422'264	37'875	14'343	6'174	10'129	10	1'895
Luxembourg	39'637	4'108	2'954	15	2'956	1'064	3'378
Malta	163'998	12'765	3'830	126	1'215	67	1'329
Netherlands	33'080'934	2'756'317	463'913	1'182'449	1'252'657	1'329'097	1'426'605
Poland	1'889'132	118'953	30'939	51'132	58'278	1'562	4'346
Portugal	5'621'899	525'649	9'271	231'866	29'638	274'627	300'224
Romania	1'550'117	131'854	35'029	26'061	23'328	7'930	19'965
Slovakia	128'620	9'177	6'431	1'187	7'089	96	6'683
Slovenia	447'748	37'065	25'602	1'593	24'372	17'029	18'692
Spain	21'527'088	1'765'943	249'560	614'986	298'968	817'130	997'428
Sweden	1'830'976	45'435	23'983	16'682	40'056	2'655	4'617
Switzerland	3'357'907	222'380	56'889	68'002	98'651	20'196	41'430
UnitedKingdom	22'172'003	1'611'285	575'834	481'877	1'043'023	331'804	512'277
Europe	171'088'238	########	3'113'574	4'318'734	5'175'787	4'447'251	5'677'971

INTERCEPTIONS							
Austria	0	0	0	0	0	0	0
Belgium	5	4	0	0	0	0	0
Bulgaria	0	0	0	0	0	0	0
Cyprus	0	0	0	0	0	0	0
CzechRepublic	2	0	0	0	0	0	0
Denmark	8	7	0	0	0	0	0
Estonia	0	0	0	0	0	0	0
Finland	0	0	0	0	0	0	0
France	70	14	1	12	0	0	0
Germany	54	0	0	10	0	0	0
Greece	0	0	0	0	0	0	0

Hungary	0	0	0	0	0	0	0
Ireland	30	18	6	0	0	6	0
Italy	4	0	0	0	0	0	0
Latvia	0	0	0	0	0	0	0
Lithuania	0	0	0	0	0	0	0
Luxembourg	0	0	0	0	0	0	0
Malta	0	0	0	0	0	0	0
Netherlands	602	1	228	247	4	11	0
Poland	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0
Romania	0	0	0	0	0	0	0
Slovakia	0	0	0	0	0	0	0
Slovenia	0	0	0	0	0	0	0
Spain	32	0	0	0	0	0	0
Sweden	4	0	1	1	0	0	0
Switzerland	0	0	0	0	0	0	0
UnitedKingdom	357	76	39	103	2	2	0
Europe	1168	120	275	373	6	19	0

TVPI							
Austria	773'674	61'441	12'728	15'223	13'369	833	5'396
Belgium	2'805'083	152'109	32'415	42'894	74'780	54'555	64'430
Bulgaria	462'314	41'711	13'697	11'449	8'956	91	3'758
Cyprus	280'825	19'450	20'563	269	4'446	1'473	11'639
CzechRepublic	269'248	16'839	3'355	4'614	6'863	414	2'357
Denmark	193'180	13'108	3'638	3'429	3'386	3'300	4'185
Estonia	107'009	1'837	3'710	133	7'080	137	475
Finland	931'687	36'036	15'281	8'921	26'629	15'925	17'970
France	169'016	15'075	9'122	2'899	13'557	2'913	9'102
Germany	460'826	28'375	3'780	12'187	8'326	10'685	11'650
Greece	2'945'355	236'769	111'835	67'004	25'887	89'857	110'422
Hungary	436'926	18'936	9'395	3'791	14'477	243	12'260
Ireland	19'317	985	196	182	1'127	344	398
Italy	3'106'016	244'904	64'590	68'921	45'354	74'394	89'106
Latvia	66'798	4'332	5'931	1'356	2'647	4	1'016
Lithuania	422'264	37'875	14'343	6'174	10'129	10	1'895
Luxembourg	39'637	4'108	2'954	15	2'956	1'064	3'378
Malta	163'998	12'765	3'830	126	1'215	67	1'329
Netherlands	54'861	4'571	769	1'961	2'077	2'204	2'366
Poland	1'889'132	118'953	30'939	51'132	58'278	1'562	4'346
Portugal	5'621'899	525'649	9'271	231'866	29'638	274'627	300'224
Romania	1'550'117	131'854	35'029	26'061	23'328	7'930	19'965
Slovakia	128'620	9'177	6'431	1'187	7'089	96	6'683
Slovenia	447'748	37'065	25'602	1'593	24'372	17'029	18'692
Spain	652'336	53'513	7'562	18'636	9'060	24'762	30'225
Sweden	366'195	9'087	4'797	3'336	8'011	531	923
Switzerland	3'357'907	222'380	56'889	68'002	98'651	20'196	41'430
UnitedKingdom	61'933	4'501	1'608	1'346	2'913	927	1'431
Europe	27'783'919	104'682	11'281	11'547	739'398	222'363	5'677'971

Bactrocera dorsalis	Leucinodes orbonalis	Liriomyza sativae	Rhynchophorus ferrugineus	Bactrocera zonata	Diaphania indica	Cryptophlebia leucotreta	Spodoptera litura	Opogona sacchari
4'664	314	50'233	622	645	181	0	11'404	8'002
54'565	2'611	389'255	2'414	1'964	128'071	0	148'316	1'135'356
6'617	0	28'706	543	186	5	0	17'464	10'953
1'176	3	10'150	264	139	173	0	14'163	7'042
8'468	28	29'569	261	800	26	0	14'255	38'301
4'647	172	91'594	2'375	2'258	25'804	0	27'883	5'504
457	1	153	23	304	1	0	3'689	2'966
1'874	29	20'006	28	1'589	7'581	0	4'963	4'913
70'680	3'285	300'917	10'200	4'181	67'393	0	142'996	246'812
253'878	4'124	1'168'394	3'773	6'254	315'817	0	559'581	347'054
15'383	18	147'085	554	1'422	29'569	0	86'174	22'603
10'787	2	11'175	1'287	495	21	0	12'829	16'273
91	22	14'651	94	510	1'396	0	5'471	27'025
157'646	314	442'717	5'135	3'654	139'068	0	386'652	251'208
989	0	2'135	181	1'438	0	0	4'303	327
1'435	0	24'878	267	2'445	3	0	6'933	1'148
13	488	1'119	0	0	3'376	0	15	2'332
132	4	5'173	79	1'593	8	0	1'409	4'619
170'276	21'988	1'673'329	4'140	16'731	437'201	0	150'824	151'819
38'560	12	75'818	1'059	533	25	0	86'218	32'168
12'007	31	422'952	11	16	69'194	0	18'770	124'490
13'232	1	67'249	336	1'021	2'995	0	42'055	21'070
1'273	1	1'130	303	450	9	0	2'405	6'558
3'243	0	8'256	145	1'491	146	0	3'749	17'339
128'970	4	1'270'593	5'062	1'874	217'660	0	176'903	244'254
4'021	165	9'907	1'255	2'408	656	0	22'513	93'191
26'213	2'861	98'807	2'841	2'922	3'997	0	46'044	82'604
103'380	43'435	540'875	23'259	45'301	162'423	0	333'693	630'063
1'094'678	79'912	6'906'826	66'510	102'626	1'612'798	0	2'331'671	3'535'994

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
24	0	0	0	14	0	0	0	0
0	32	0	0	0	10	1	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	3	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	90	0	0	0	0	0	8	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	31	0	0
1	0	0	0	0	0	0	1	0
0	0	0	0	0	0	0	0	0
9	9	0	0	35	49	0	0	0
35	135	2	1	49	59	32	9	0

4'664	314	50'233	622	645	181	0	11'404	8'002
9'094	435	64'876	402	327	21'345	0	24'719	189'226
6'617	0	28'706	543	186	5	0	17'464	10'953
1'176	3	10'150	264	139	173	0	14'163	7'042
2'823	9	9'856	87	267	9	0	4'752	12'767
516	19	10'177	264	251	2'867	0	3'098	612
457	1	153	23	304	1	0	3'689	2'966
1'874	29	20'006	28	1'589	7'581	0	4'963	4'913
995	46	4'238	144	59	949	0	2'014	3'476
4'616	75	21'244	69	114	5'742	0	10'174	6'310
15'383	18	147'085	554	1'422	29'569	0	86'174	22'603
10'787	2	11'175	1'287	495	21	0	12'829	16'273
3	1	473	3	16	45	0	176	872
31'529	63	88'543	1'027	731	27'814	0	77'330	50'242
989	0	2'135	181	1'438	0	0	4'303	327
1'435	0	24'878	267	2'445	3	0	6'933	1'148
13	488	1'119	0	0	3'376	0	15	2'332
132	4	5'173	79	1'593	8	0	1'409	4'619
282	36	2'775	7	28	725	0	250	252
38'560	12	75'818	1'059	533	25	0	86'218	32'168
12'007	31	422'952	11	16	69'194	0	18'770	124'490
13'232	1	67'249	336	1'021	2'995	0	42'055	21'070
1'273	1	1'130	303	450	9	0	2'405	6'558
3'243	0	8'256	145	1'491	146	0	3'749	17'339
3'908	0	38'503	153	57	6'596	0	5'361	7'402
804	33	1'981	251	482	131	0	4'503	18'638
26'213	2'861	98'807	2'841	2'922	3'997	0	46'044	82'604
289	121	1'511	65	127	454	0	932	1'760
30'408	588	2'302'275	33'255	2'053	26'880	0	233'167	3'535'994

Anoplophora chinensis	Leptinotarsa decemlineata	Anastrepha obliqua	Bactrocera cucurbitae	Scirtothrips dorsalis	Rhizoecus hibisci	Bactrocera invadens	Anoplophora glabripennis	Dacus ciliatus
0	0	19'692	1'239	1'911	291	259	0	99
0	399	304'215	17'586	75'241	242	188'789	0	1'657
0	1	3'903	74	1'250	267	342	0	18
0	0	5'102	128	1'349	6	926	0	14
0	1	20'106	233	6'237	373	4'325	0	36
0	0	81'593	638	3'790	757	67	0	98
0	13	1'381	283	1'513	14	145	0	10
0	5	103'689	1'555	2'174	67	0	0	0
0	106	322'964	38'542	44'876	2'808	143'640	0	3'636
0	13	1'231'270	13'217	90'531	20'121	8'740	0	673
0	21	94'855	1'313	15'645	48	7'648	0	164
0	0	11'343	590	1'955	1'303	2'631	0	294
0	81	5'954	512	7'140	724	69	0	0
0	11	575'887	13'996	48'943	564	9'763	0	1'102
0	3	1'565	1'336	1'972	248	366	0	2
0	10	2'675	2'117	5'069	18	717	0	0
0	0	13	1'830	15	0	105	0	0
0	1	626	1'429	936	0	81	0	56
0	1'450	493'868	39'835	377'296	9'563	89'350	0	4'565
0	5	39'391	138	32'109	9'242	1'020	0	21
0	122	62'845	16	7'101	4	3'343	0	3
0	1	17'585	727	2'395	168	115	0	71
0	1	1'566	48	1'145	68	193	0	9
0	0	12'327	1'886	1'112	17	166	0	562
0	154	445'251	2'355	62'002	342	13'363	0	209
0	1	186'177	1'790	6'813	557	622	0	196
0	44	157'099	6'443	18'622	570	4'669	0	1'495
0	13'829	231'624	122'640	382'096	25'104	152'661	0	11'155
0	16'273	4'434'567	272'497	1'201'239	73'486	634'114	0	26'146

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	5	0	3	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	14	5	6	0	0	0	8
0	0	20	6	9	0	0	0	8

0	0	19'692	1'239	1'911	291	259	0	99
0	66	50'703	2'931	12'540	40	31'465	0	276
0	1	3'903	74	1'250	267	342	0	18
0	0	5'102	128	1'349	6	926	0	14
0	0	6'702	78	2'079	124	1'442	0	12
0	0	9'066	71	421	84	7	0	11
0	13	1'381	283	1'513	14	145	0	10
0	5	103'689	1'555	2'174	67	0	0	0
0	1	4'549	543	632	40	2'023	0	51
0	0	22'387	240	1'646	366	159	0	12
0	21	94'855	1'313	15'645	48	7'648	0	164
0	0	11'343	590	1'955	1'303	2'631	0	294
0	3	192	17	230	23	2	0	0
0	2	115'177	2'799	9'789	113	1'953	0	220
0	3	1'565	1'336	1'972	248	366	0	2
0	10	2'675	2'117	5'069	18	717	0	0
0	0	13	1'830	15	0	105	0	0
0	1	626	1'429	936	0	81	0	56
0	2	819	66	626	16	148	0	8
0	5	39'391	138	32'109	9'242	1'020	0	21
0	122	62'845	16	7'101	4	3'343	0	3
0	1	17'585	727	2'395	168	115	0	71
0	1	1'566	48	1'145	68	193	0	9
0	0	12'327	1'886	1'112	17	166	0	562
0	5	13'492	71	1'879	10	405	0	6
0	0	37'235	358	1'363	111	124	0	39
0	44	157'099	6'443	18'622	570	4'669	0	1'495
0	39	647	343	1'067	70	426	0	31
0	16'273	211'170	38'928	120'124	73'486	634'114	0	2'905

Monochamus alternatus	Viteus vitifoliae	Aleurocanthus woglumi	Bactrocera kandiensis	Frankliniella occidentalis	Helicoverpa zea	Sternochetus mangiferae	Acleris gloverana	Acleris variana
0	2	14'823	9	841	47'843	420	0	0
0	74'787	1'234'233	34	399'357	498'592	3'022	0	0
0	32	28'923	0	5'782	24'534	5	0	0
0	126	1'533	0	10'987	11'426	9	0	0
0	2'291	61'162	0	3'027	31'422	90	0	0
0	1'202	37'110	0	6'155	95'598	365	0	0
0	518	4'891	0	1'237	329	4	0	0
0	80	73'037	0	6'426	23'107	25	0	0
0	19'442	314'656	69	178'461	371'620	4'282	0	0
0	15'217	1'430'066	511	51'010	1'277'719	3'616	0	0
0	241	64'693	0	83'218	187'663	123	0	0
0	353	33'306	0	529	17'303	22	0	0
0	1'814	32'916	0	19'744	24'577	13	0	0
0	4'954	674'820	26	571'776	620'691	922	0	0
0	84	1'806	0	1'079	907	0	0	0
0	444	8'706	0	2'765	26'086	8	0	0
0	2	19	0	3'387	1'126	76	0	0
0	166	3'368	0	5'929	5'340	2	0	0
0	214'691	773'603	187	543'215	1'987'174	11'204	0	0
0	3'639	144'095	0	13'398	81'855	42	0	0
0	5'011	109'992	0	42'467	468'416	49	0	0
0	253	98'535	0	38'835	77'268	11	0	0
0	477	9'415	0	627	2'607	2	0	0
0	319	25'419	0	21'603	10'986	14	0	0
0	7'566	328'425	0	208'070	1'536'993	594	0	0
0	1'581	203'167	7	17'707	13'320	699	0	0
0	8'179	204'431	492	57'440	98'168	5'726	0	0
0	216'868	933'595	5	834'132	587'248	20'812	0	0
0	580'340	6'850'746	1'341	3'129'205	8'129'918	52'157	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0

0	2	14'823	9	841	47'843	420	0	0
0	12'464	205'706	6	66'559	83'099	504	0	0
0	32	28'923	0	5'782	24'534	5	0	0
0	126	1'533	0	10'987	11'426	9	0	0
0	764	20'387	0	1'009	10'474	30	0	0
0	134	4'123	0	684	10'622	41	0	0
0	518	4'891	0	1'237	329	4	0	0
0	80	73'037	0	6'426	23'107	25	0	0
0	274	4'432	1	2'514	5'234	60	0	0
0	277	26'001	9	927	23'231	66	0	0
0	241	64'693	0	83'218	187'663	123	0	0
0	353	33'306	0	529	17'303	22	0	0
0	59	1'062	0	637	793	0	0	0
0	991	134'964	5	114'355	124'138	184	0	0
0	84	1'806	0	1'079	907	0	0	0
0	444	8'706	0	2'765	26'086	8	0	0
0	2	19	0	3'387	1'126	76	0	0
0	166	3'368	0	5'929	5'340	2	0	0
0	356	1'283	0	901	3'295	19	0	0
0	3'639	144'095	0	13'398	81'855	42	0	0
0	5'011	109'992	0	42'467	468'416	49	0	0
0	253	98'535	0	38'835	77'268	11	0	0
0	477	9'415	0	627	2'607	2	0	0
0	319	25'419	0	21'603	10'986	14	0	0
0	229	9'952	0	6'305	46'576	18	0	0
0	316	40'633	1	3'541	2'664	140	0	0
0	8'179	204'431	492	57'440	98'168	5'726	0	0
0	606	2'608	0	2'330	1'640	58	0	0
0	580'340	6'850'746	1'341	3'129'205	4'064'959	52'157	0	0

Aculops fuchsiae	Aeolesthes sarta	Agrilus planipennis	Aleurocanthus spiniferus	Amauromyza maculosa	Anastrepha fraterculus	Anastrepha ludens	Anastrepha suspensa	Anomala orientalis
0	0	0	1'059	3'456	19'474	9'026	27	6'648
0	0	0	77'240	716	378'027	215'600	21'256	915
0	0	0	965	1'978	3'968	2'035	1	843
0	0	0	442	28	5'959	889	2	2'987
0	0	0	4'318	181	21'715	5'153	18	231
0	0	0	3'848	2'567	84'914	21'211	886	537
0	0	0	1'437	22	2'216	293	48	18
0	0	0	2'174	419	104'924	57'134	2'146	126
0	0	0	35'035	12'658	401'664	144'737	19'327	28'107
0	0	0	89'483	16'020	1'229'929	473'082	6'446	1'100
0	0	0	8'974	1'440	104'768	26'159	297	6'424
0	0	0	1'425	7'366	10'458	2'338	5	3'275
0	0	0	21'041	9	14'334	3'830	685	2'946
0	0	0	46'382	2'679	670'323	210'076	536	2'556
0	0	0	1'716	9	1'643	145	41	293
0	0	0	4'429	569	3'583	499	52	1
0	0	0	1	0	8	13	0	2
0	0	0	938	9	2'229	882	35	1'321
0	0	0	344'132	12'649	874'737	249'988	34'541	3'909
0	0	0	43'468	782	46'708	22'085	2'160	378
0	0	0	8'328	7'052	86'597	34'468	48	1'350
0	0	0	2'483	7'055	17'545	12'627	3	868
0	0	0	1'132	401	1'732	472	9	294
0	0	0	1'104	25	12'447	4'942	8	115
0	0	0	50'069	42'649	639'607	141'305	1'404	10'758
0	0	0	5'792	1'605	208'575	84'532	6'046	532
0	0	0	14'845	746	179'224	71'697	4'722	536
0	0	0	496'653	12'036	562'273	158'502	70'194	23'693
0	0	0	1'268'916	135'127	5'689'580	1'953'720	170'942	100'763

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	1'059	3'456	19'474	9'026	27	6'648
0	0	0	12'873	119	63'005	35'933	3'543	152
0	0	0	965	1'978	3'968	2'035	1	843
0	0	0	442	28	5'959	889	2	2'987
0	0	0	1'439	60	7'238	1'718	6	77
0	0	0	428	285	9'435	2'357	98	60
0	0	0	1'437	22	2'216	293	48	18
0	0	0	2'174	419	104'924	57'134	2'146	126
0	0	0	493	178	5'657	2'039	272	396
0	0	0	1'627	291	22'362	8'601	117	20
0	0	0	8'974	1'440	104'768	26'159	297	6'424
0	0	0	1'425	7'366	10'458	2'338	5	3'275
0	0	0	679	0	462	124	22	95
0	0	0	9'276	536	134'065	42'015	107	511
0	0	0	1'716	9	1'643	145	41	293
0	0	0	4'429	569	3'583	499	52	1
0	0	0	1	0	8	13	0	2
0	0	0	938	9	2'229	882	35	1'321
0	0	0	571	21	1'451	415	57	6
0	0	0	43'468	782	46'708	22'085	2'160	378
0	0	0	8'328	7'052	86'597	34'468	48	1'350
0	0	0	2'483	7'055	17'545	12'627	3	868
0	0	0	1'132	401	1'732	472	9	294
0	0	0	1'104	25	12'447	4'942	8	115
0	0	0	1'517	1'292	19'382	4'282	43	326
0	0	0	1'158	321	41'715	16'906	1'209	106
0	0	0	14'845	746	179'224	71'697	4'722	536
0	0	0	1'387	34	1'571	443	196	66
0	0	0	1'268'916	135'127	5'689'580	1'953'720	170'942	100'763

Anoplophora malasiaca	Anthonomus bisignifer	Anthonomus eugenii	Anthonomus grandis	Anthonomus signatus	Arrhenodes minutus	Bactrocera cucumis	Bactrocera carambolae	Bactrocera caryae
0	0	26'063	6'697	0	0	0	629	56
0	0	23'608	56'211	474	0	0	11'894	148
0	0	1'014	2'034	0	0	0	367	0
0	0	0	9'544	0	0	0	923	1
0	0	16'453	284	0	0	0	2'325	0
0	0	34'165	909	0	0	0	185	13
0	123	0	28	0	0	0	148	0
0	0	3'792	372	0	0	0	40	0
0	0	30'453	35'077	3'070	0	0	29'127	240
0	0	251'808	16'800	77	0	0	11'050	364
0	0	20'191	10'140	0	0	0	7'710	12
0	0	1'898	3'546	0	0	0	622	0
0	0	0	1'896	2'508	0	1	16	2
0	0	18'443	207'331	30	0	0	5'069	66
0	0	0	338	0	0	0	365	0
0	0	18'711	101	0	0	0	725	0
0	0	0	55	2	0	0	13	0
0	0	28	7'915	0	0	0	96	0
0	0	162'095	37'147	2'307	0	2	78'255	101
0	0	10'663	800	0	0	0	1'454	1
0	0	12'268	104'174	0	0	0	601	35
0	0	20'283	15'235	0	0	0	127	0
0	0	0	300	0	0	0	140	0
0	0	327	508	0	0	0	37	0
0	0	34'082	319'557	4	0	0	12'430	7
0	0	1'018	1'192	1	0	0	965	20
0	0	42'959	11'176	128	0	1	4'673	973
0	0	23'361	83'769	16'387	0	7	33'788	2'961
0	123	753'683	933'135	24'990	0	10	203'772	5'000

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	26'063	6'697	0	0	0	629	56
0	0	3'935	9'369	79	0	0	1'982	25
0	0	1'014	2'034	0	0	0	367	0
0	0	0	9'544	0	0	0	923	1
0	0	5'484	95	0	0	0	775	0
0	0	3'796	101	0	0	0	21	1
0	123	0	28	0	0	0	148	0
0	0	3'792	372	0	0	0	40	0
0	0	429	494	43	0	0	410	3
0	0	4'578	305	1	0	0	201	7
0	0	20'191	10'140	0	0	0	7'710	12
0	0	1'898	3'546	0	0	0	622	0
0	0	0	61	81	0	0	1	0
0	0	3'689	41'466	6	0	0	1'014	13
0	0	0	338	0	0	0	365	0
0	0	18'711	101	0	0	0	725	0
0	0	0	55	2	0	0	13	0
0	0	28	7'915	0	0	0	96	0
0	0	269	62	4	0	0	130	0
0	0	10'663	800	0	0	0	1'454	1
0	0	12'268	104'174	0	0	0	601	35
0	0	20'283	15'235	0	0	0	127	0
0	0	0	300	0	0	0	140	0
0	0	327	508	0	0	0	37	0
0	0	1'033	9'684	0	0	0	377	0
0	0	204	238	0	0	0	193	4
0	0	42'959	11'176	128	0	1	4'673	973
0	0	65	234	46	0	0	94	8
0	123	753'683	933'135	24'990	0	10	203'772	5'000

Bactrocera occipitalis	Bactrocera papayae	Bactrocera philippinensis	Bactrocera pyrifoliae	Bactrocera minax	Bactrocera tryoni	Bactrocera tsuneonis	Blitopertha orientalis	Cacoecimorpha pronubana
74	1'071	74	367	0	1'266	0	6'657	3'512
42	17'642	42	108	0	28'753	2	50'973	113'290
0	5'804	0	5	0	3	0	1'823	1'275
0	1	0	0	0	96	0	6'555	2'000
1	2'079	0	98	0	45	2	258	10'071
0	2'249	0	168	0	991	0	619	28'747
43	209	43	4	0	80	0	18	1'653
0	381	0	40	0	2'224	0	346	8'710
20	7'066	11	420	1	18'493	2	34'187	400'347
540	149'186	534	2'719	6	49'812	8	14'788	240'952
0	535	0	4	0	1'716	0	6'612	47'963
4	110	4	16	0	96	0	3'531	2'519
9	2'001	9	9	0	1'075	0	4'003	11'214
68	30'237	64	218	0	32'593	4	188'634	137'575
27	30	27	0	0	187	0	293	1'396
0	91	0	8	0	120	7	43	9'579
0	0	0	0	0	1	0	2	2
0	15	0	1	0	419	0	6'051	899
157	13'780	46	2'282	2	40'494	55	16'812	305'754
33	8'292	30	17	0	2'202	0	558	10'758
0	2'345	0	0	0	229	0	21'520	7'531
0	9'188	0	15	0	5	5	13'936	2'407
3	141	3	0	0	16	0	299	3'808
3	46	2	3	0	33	0	122	1'198
14	6'307	14	20	0	51'738	0	123'570	296'264
3	3'576	3	348	0	8'802	0	1'185	28'379
164	9'498	152	2'048	1	6'806	2	9'628	52'705
715	33'466	708	624	2	98'077	1	70'958	406'710
1'920	305'344	1'767	9'543	13	346'369	89	583'983	2'137'220
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

74	1'071	74	367	0	1'266	0	6'657	3'512
7	2'940	7	18	0	4'792	0	8'496	18'882
0	5'804	0	5	0	3	0	1'823	1'275
0	1	0	0	0	96	0	6'555	2'000
0	693	0	33	0	15	1	86	3'357
0	250	0	19	0	110	0	69	3'194
43	209	43	4	0	80	0	18	1'653
0	381	0	40	0	2'224	0	346	8'710
0	100	0	6	0	260	0	482	5'639
10	2'712	10	49	0	906	0	269	4'381
0	535	0	4	0	1'716	0	6'612	47'963
4	110	4	16	0	96	0	3'531	2'519
0	65	0	0	0	35	0	129	362
14	6'047	13	44	0	6'519	1	37'727	27'515
27	30	27	0	0	187	0	293	1'396
0	91	0	8	0	120	7	43	9'579
0	0	0	0	0	1	0	2	2
0	15	0	1	0	419	0	6'051	899
0	23	0	4	0	67	0	28	507
33	8'292	30	17	0	2'202	0	558	10'758
0	2'345	0	0	0	229	0	21'520	7'531
0	9'188	0	15	0	5	5	13'936	2'407
3	141	3	0	0	16	0	299	3'808
3	46	2	3	0	33	0	122	1'198
0	191	0	1	0	1'568	0	3'745	8'978
1	715	1	70	0	1'760	0	237	5'676
164	9'498	152	2'048	1	6'806	2	9'628	52'705
2	93	2	2	0	274	0	198	1'136
1'920	305'344	1'767	9'543	13	346'369	89	583'983	2'137'220

Cacyreus marshalli	Carneocephala fulgida	Carposina sasakii	Ceratitis capitata	Ceratitis rosa	Choristoneura conflictana	Choristoneura fumiferana	Choristoneura occidentalis	Choristoneura rosaceana
0	3'163	10	23'991	1'224	0	0	0	0
0	161'315	30	846'691	200'972	0	0	0	264
0	1'625	0	5'037	1'184	0	0	0	1
0	2'741	0	5'491	139	0	0	0	0
0	9'215	0	25'186	5'872	0	0	0	4
0	36'871	0	74'482	8'668	0	0	0	27
0	1'363	0	27'306	472	0	0	0	19
0	9'507	0	143'848	19'107	0	0	0	1'494
0	127'788	174	874'542	145'867	0	0	0	131
0	238'199	111	1'614'634	230'843	0	0	0	378
0	63'720	5	71'813	9'724	0	0	0	282
0	2'615	0	18'678	5'235	0	0	0	0
0	9'620	4	36'717	10'537	0	0	0	1'265
0	175'599	4	771'479	82'462	0	0	0	135
0	1'319	0	3'486	73	0	0	0	13
0	2'772	16	12'962	1'245	0	0	0	0
0	6	0	115	9	0	0	0	0
0	976	0	3'837	1'000	0	0	0	32
0	316'989	166	2'183'386	599'944	0	0	0	3'563
0	20'356	7	86'670	15'958	0	0	0	5
0	23'571	1	103'688	17'368	0	0	0	21
0	4'052	0	27'548	8'109	0	0	0	0
0	764	0	10'782	940	0	0	0	0
0	2'798	1	35'740	1'715	0	0	0	0
0	406'244	10	548'074	98'063	0	0	0	295
0	36'002	1	233'833	34'408	0	0	0	3'210
0	41'519	4	225'676	33'866	0	0	0	15
0	209'692	51	1'103'613	463'239	0	0	0	51'688
0	1'910'399	594	9'119'303	1'998'243	0	0	0	62'843

0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	3	1	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	5	2	0	0	0	0

0	3'163	10	23'991	1'224	0	0	0	0
0	26'886	5	141'115	33'495	0	0	0	44
0	1'625	0	5'037	1'184	0	0	0	1
0	2'741	0	5'491	139	0	0	0	0
0	3'072	0	8'395	1'957	0	0	0	1
0	4'097	0	8'276	963	0	0	0	3
0	1'363	0	27'306	472	0	0	0	19
0	9'507	0	143'848	19'107	0	0	0	1'494
0	1'800	2	12'317	2'054	0	0	0	2
0	4'331	2	29'357	4'197	0	0	0	7
0	63'720	5	71'813	9'724	0	0	0	282
0	2'615	0	18'678	5'235	0	0	0	0
0	310	0	1'184	340	0	0	0	41
0	35'120	1	154'296	16'492	0	0	0	27
0	1'319	0	3'486	73	0	0	0	13
0	2'772	16	12'962	1'245	0	0	0	0
0	6	0	115	9	0	0	0	0
0	976	0	3'837	1'000	0	0	0	32
0	526	0	3'621	995	0	0	0	6
0	20'356	7	86'670	15'958	0	0	0	5
0	23'571	1	103'688	17'368	0	0	0	21
0	4'052	0	27'548	8'109	0	0	0	0
0	764	0	10'782	940	0	0	0	0
0	2'798	1	35'740	1'715	0	0	0	0
0	12'310	0	16'608	2'972	0	0	0	9
0	7'200	0	46'767	6'882	0	0	0	642
0	41'519	4	225'676	33'866	0	0	0	15
0	586	0	3'083	1'294	0	0	0	144
0	1'910'399	594	1'519'884	666'081	0	0	0	62'843

Conotrachelus nenuphar	Cydia inopinata	Cydia packardi	Cydia prunivora	Dacus dorsalis	Dendroctonus adjunctus	Dendroctonus brevicomis	Dendroctonus frontalis	Dendroctonus ponderosae
0	0	0	0	4'664	0	0	0	0
2'849	4	2'794	2'337	54'565	0	0	0	0
1	0	1	1	6'617	0	0	0	0
0	0	0	0	1'176	0	0	0	0
9	0	4	4	8'468	0	0	0	0
40	0	40	40	4'647	0	0	0	0
29	0	19	19	457	0	0	0	0
1'552	0	1'494	1'494	1'874	0	0	0	0
4'221	0	1'129	1'049	70'680	0	0	0	0
1'539	0	1'531	1'453	253'878	0	0	0	0
282	0	282	282	15'383	0	0	0	0
0	0	0	0	10'787	0	0	0	0
2'918	0	692	676	91	0	0	0	0
324	0	322	297	157'646	0	0	0	0
13	0	13	13	989	0	0	0	0
0	11	0	0	1'435	0	0	0	0
2	0	0	0	13	0	0	0	0
37	0	32	32	132	0	0	0	0
6'938	13	6'526	4'436	170'276	0	0	0	0
9	6	7	7	38'560	0	0	0	0
21	0	21	21	12'007	0	0	0	0
0	0	0	0	13'232	0	0	0	0
0	0	0	0	1'273	0	0	0	0
0	0	0	0	3'243	0	0	0	0
507	0	495	493	128'970	0	0	0	0
4'397	0	4'325	4'324	4'021	0	0	0	0
421	0	307	199	26'213	0	0	0	0
94'754	0	69'182	63'081	103'380	0	0	0	0
120'864	34	89'217	80'257	1'094'678	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	4'664	0	0	0	0
475	1	466	389	9'094	0	0	0	0
1	0	1	1	6'617	0	0	0	0
0	0	0	0	1'176	0	0	0	0
3	0	1	1	2'823	0	0	0	0
4	0	4	4	516	0	0	0	0
29	0	19	19	457	0	0	0	0
1'552	0	1'494	1'494	1'874	0	0	0	0
59	0	16	15	995	0	0	0	0
28	0	28	26	4'616	0	0	0	0
282	0	282	282	15'383	0	0	0	0
0	0	0	0	10'787	0	0	0	0
94	0	22	22	3	0	0	0	0
65	0	64	59	31'529	0	0	0	0
13	0	13	13	989	0	0	0	0
0	11	0	0	1'435	0	0	0	0
2	0	0	0	13	0	0	0	0
37	0	32	32	132	0	0	0	0
12	0	11	7	282	0	0	0	0
9	6	7	7	38'560	0	0	0	0
21	0	21	21	12'007	0	0	0	0
0	0	0	0	13'232	0	0	0	0
0	0	0	0	1'273	0	0	0	0
0	0	0	0	3'243	0	0	0	0
15	0	15	15	3'908	0	0	0	0
879	0	865	865	804	0	0	0	0
421	0	307	199	26'213	0	0	0	0
265	0	193	176	289	0	0	0	0
120'864	34	89'217	80'257	1'094'678	0	0	0	0

Dendroctonus pseudotsugae	**Dendroctonus rufipennis**	**Dendrolimus sibiricus**	**Dendrolimus superans**	**Diabrotica barberi**	**Diabrotica speciosa**	**Diabrotica undecimpunctata**	**Diabrotica virgifera**	**Diaphorina citri**
0	0	0	0	11'554	9'701	8'172	6'671	1
0	0	0	0	280'701	261'436	154'681	157'531	6'079
0	0	0	0	5'683	21'598	938	1'825	119
0	0	0	0	7'716	7'240	2'987	6'630	13
0	0	0	0	934	10'220	711	261	462
0	0	0	0	38'641	20'574	30'153	32'198	123
0	0	0	0	40	113	18	18	62
0	0	0	0	9'930	8'398	9'310	7'921	20
0	0	0	0	102'646	167'924	79'400	74'401	4'662
0	0	0	0	268'198	746'703	238'733	243'634	2'717
0	0	0	0	43'140	111'208	21'158	23'756	757
0	0	0	0	11'065	1'958	3'433	3'565	74
0	0	0	0	13'904	12'807	2'855	7'296	725
0	0	0	0	455'733	457'913	56'255	286'877	7'197
0	0	0	0	300	518	293	293	3
0	0	0	0	440	6'326	16	43	304
0	0	0	0	11	56	1'064	11	0
0	0	0	0	6'052	3'830	1'321	6'051	80
0	0	0	0	418'159	1'256'693	367'339	356'358	58'859
0	0	0	0	6'070	53'245	873	1'793	1'383
0	0	0	0	109'114	363'547	83'491	91'539	4'413
0	0	0	0	34'231	48'860	5'062	15'696	172
0	0	0	0	845	605	419	328	127
0	0	0	0	190	8'147	157	123	139
0	0	0	0	457'765	1'056'602	195'933	452'280	22'204
0	0	0	0	2'841	4'260	698	2'317	1'011
0	0	0	0	38'164	57'562	1'549	10'019	1'353
0	0	0	0	204'631	393'209	62'536	90'303	34'895
0	0	0	0	2'528'696	5'091'254	1'329'554	1'879'737	147'955

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	11'554	9'701	8'172	6'671	1
0	0	0	0	46'783	43'573	25'780	26'255	1'013
0	0	0	0	5'683	21'598	938	1'825	119
0	0	0	0	7'716	7'240	2'987	6'630	13
0	0	0	0	311	3'407	237	87	154
0	0	0	0	4'293	2'286	3'350	3'578	14
0	0	0	0	40	113	18	18	62
0	0	0	0	9'930	8'398	9'310	7'921	20
0	0	0	0	1'446	2'365	1'118	1'048	66
0	0	0	0	4'876	13'576	4'341	4'430	49
0	0	0	0	43'140	111'208	21'158	23'756	757
0	0	0	0	11'065	1'958	3'433	3'565	74
0	0	0	0	449	413	92	235	23
0	0	0	0	91'147	91'583	11'251	57'375	1'439
0	0	0	0	300	518	293	293	3
0	0	0	0	440	6'326	16	43	304
0	0	0	0	11	56	1'064	11	0
0	0	0	0	6'052	3'830	1'321	6'051	80
0	0	0	0	693	2'084	609	591	98
0	0	0	0	6'070	53'245	873	1'793	1'383
0	0	0	0	109'114	363'547	83'491	91'539	4'413
0	0	0	0	34'231	48'860	5'062	15'696	172
0	0	0	0	845	605	419	328	127
0	0	0	0	190	8'147	157	123	139
0	0	0	0	13'872	32'018	5'937	13'705	673
0	0	0	0	568	852	140	463	202
0	0	0	0	38'164	57'562	1'549	10'019	1'353
0	0	0	0	572	1'098	175	252	97
0	0	0	0	2'528'696	5'091'254	1'329'554	1'879'737	147'955

Draeculacephala minerva	Dryocoetes confusus	Dryocosmus kuriphilus	Epitrix cucumeris	Epitrix tuberis	Epochra canadensis	Erschoviella musculana	Eutetranychus orientalis	Gnathotrichus sulcatus
0	0	1'239	34'278	26'063	0	354	1'313	0
34'614	0	7'918	28'964	26'368	0	17	63'610	0
5	0	0	2'753	1'016	0	1	881	0
2	0	96	3'435	0	0	1	647	0
709	0	29	19'456	16'453	0	16	1'041	0
343	0	100	32'478	31'377	0	0	2'208	0
153	0	32	23	2	0	0	478	0
75	0	20	3'905	3'776	0	0	9'592	0
2'781	0	276	67'407	30'696	0	58	73'994	0
4'476	0	43'349	253'344	244'379	0	42	17'658	0
60	0	1'378	32'577	20'211	0	10	10'384	0
61	0	78	5'890	1'858	0	0	1'178	0
731	0	1	549	133	0	0	6'578	0
1'696	0	31'719	31'051	15'942	0	0	48'230	0
55	0	146	293	0	0	71	1'512	0
197	0	67	18'692	18'690	0	12	3'800	0
0	0	1	0	0	0	0	1	0
21	0	369	1'354	29	0	0	2'319	0
66'209	0	10'348	184'631	174'529	0	212	223'712	0
530	0	69	10'779	10'068	0	0	3'096	0
708	0	185	15'467	12'325	0	0	5'754	0
40	0	0	21'127	20'246	0	0	3'081	0
100	0	3	1'122	4	0	13	486	0
59	0	11	408	250	0	0	8'049	0
3'677	0	50'436	71'790	33'709	0	9	66'259	0
973	0	2'681	3'154	2'150	0	17	7'848	0
1'112	0	1'738	45'088	43'395	0	2	16'306	0
66'755	0	4'625	63'706	53'713	0	67	245'299	0
186'143	0	156'914	953'717	787'382	0	902	825'316	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	1'239	34'278	26'063	0	354	1'313	0
5'769	0	1'320	4'827	4'395	0	3	10'602	0
5	0	0	2'753	1'016	0	1	881	0
2	0	96	3'435	0	0	1	647	0
236	0	10	6'485	5'484	0	5	347	0
38	0	11	3'609	3'486	0	0	245	0
153	0	32	23	2	0	0	478	0
75	0	20	3'905	3'776	0	0	9'592	0
39	0	4	949	432	0	1	1'042	0
81	0	788	4'606	4'443	0	1	321	0
60	0	1'378	32'577	20'211	0	10	10'384	0
61	0	78	5'890	1'858	0	0	1'178	0
24	0	0	18	4	0	0	212	0
339	0	6'344	6'210	3'188	0	0	9'646	0
55	0	146	293	0	0	71	1'512	0
197	0	67	18'692	18'690	0	12	3'800	0
0	0	1	0	0	0	0	1	0
21	0	369	1'354	29	0	0	2'319	0
110	0	17	306	289	0	0	371	0
530	0	69	10'779	10'068	0	0	3'096	0
708	0	185	15'467	12'325	0	0	5'754	0
40	0	0	21'127	20'246	0	0	3'081	0
100	0	3	1'122	4	0	13	486	0
59	0	11	408	250	0	0	8'049	0
111	0	1'528	2'175	1'021	0	0	2'008	0
195	0	536	631	430	0	3	1'570	0
1'112	0	1'738	45'088	43'395	0	2	16'306	0
186	0	13	178	150	0	0	685	0
186'143	0	156'914	953'717	787'382	0	902	825'316	0

Gonipterus gibberus	Gonipterus scutellatus	Graphocephala atropunctata	Hesperophanes campestris	Heteronychus arator	Homalodisca coagulata	Ips calligraphus	Ips confusus	Ips grandicollis
0	0	0	0	60	3'156	0	0	0
0	0	33'263	0	80'768	56'826	0	0	0
0	0	5	0	7'150	595	0	0	0
0	0	0	0	3'955	1'978	0	0	0
0	0	700	0	2'956	7'621	0	0	0
0	0	343	0	2'546	26'742	0	0	0
0	0	149	0	402	1'005	0	0	0
0	0	75	0	37	3'293	0	0	0
0	0	2'576	0	34'170	124'059	0	0	0
0	0	4'475	0	34'851	218'516	0	0	0
0	0	60	0	7'194	40'471	0	0	0
0	0	51	0	320	2'124	0	0	0
0	0	707	0	4'719	1'032	0	0	0
0	0	1'472	0	50'700	97'688	0	0	0
0	0	54	0	26	1'201	0	0	0
0	0	197	0	329	2'009	0	0	0
0	0	0	0	482	0	0	0	0
0	0	11	0	2'054	155	0	0	0
0	0	65'211	0	251'667	82'939	0	0	0
0	0	528	0	10'525	6'502	0	0	0
0	0	627	0	50'284	3'366	0	0	0
0	0	33	0	13'451	641	0	0	0
0	0	96	0	445	391	0	0	0
0	0	53	0	6'248	170	0	0	0
0	0	2'175	0	207'807	226'175	0	0	0
0	0	949	0	1'676	17'669	0	0	0
0	0	1'102	0	11'365	37'903	0	0	0
0	0	62'310	0	217'714	103'928	0	0	0
0	0	177'222	0	1'003'902	1'068'154	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	60	3'156	0	0	0
0	0	5'544	0	13'461	9'471	0	0	0
0	0	5	0	7'150	595	0	0	0
0	0	0	0	3'955	1'978	0	0	0
0	0	233	0	985	2'540	0	0	0
0	0	38	0	283	2'971	0	0	0
0	0	149	0	402	1'005	0	0	0
0	0	75	0	37	3'293	0	0	0
0	0	36	0	481	1'747	0	0	0
0	0	81	0	634	3'973	0	0	0
0	0	60	0	7'194	40'471	0	0	0
0	0	51	0	320	2'124	0	0	0
0	0	23	0	152	33	0	0	0
0	0	294	0	10'140	19'538	0	0	0
0	0	54	0	26	1'201	0	0	0
0	0	197	0	329	2'009	0	0	0
0	0	0	0	482	0	0	0	0
0	0	11	0	2'054	155	0	0	0
0	0	108	0	417	138	0	0	0
0	0	528	0	10'525	6'502	0	0	0
0	0	627	0	50'284	3'366	0	0	0
0	0	33	0	13'451	641	0	0	0
0	0	96	0	445	391	0	0	0
0	0	53	0	6'248	170	0	0	0
0	0	66	0	6'297	6'854	0	0	0
0	0	190	0	335	3'534	0	0	0
0	0	1'102	0	11'365	37'903	0	0	0
0	0	174	0	608	290	0	0	0
0	0	177'222	0	1'003'902	1'068'154	0	0	0

Ips hauseri	Ips lecontei	Ips paraconfusus	Ips pini	Ips plastographus	Ips subelongatus	Lepidosaphes ussuriensis	Listronotus bonariensis	Lopholeucaspis japonica
0	0	0	0	0	0	0	397	0
0	0	0	0	0	0	0	47'999	0
0	0	0	0	0	0	0	10'498	0
0	0	0	0	0	0	0	7'104	0
0	0	0	0	0	0	0	97	0
0	0	0	0	0	0	0	1'651	0
0	0	0	0	0	0	0	10	0
0	0	0	0	0	0	0	31	0
0	0	0	0	0	0	0	45'941	0
0	0	0	0	0	0	0	31'365	0
0	0	0	0	0	0	0	8'198	0
0	0	0	0	0	0	0	1'565	0
0	0	0	0	0	0	0	3'961	0
0	0	0	0	0	0	0	116'187	0
0	0	0	0	0	0	0	47	0
0	0	0	0	0	0	0	61	0
0	0	0	0	0	0	0	55	0
0	0	0	0	0	0	0	3'793	0
0	0	0	0	0	0	0	81'533	0
0	0	0	0	0	0	0	7'598	0
0	0	0	0	0	0	0	124'591	0
0	0	0	0	0	0	0	21'973	0
0	0	0	0	0	0	0	79	0
0	0	0	0	0	0	0	6'377	0
0	0	0	0	0	0	0	410'747	0
0	0	0	0	0	0	0	586	0
0	0	0	0	0	0	0	13'033	0
0	0	0	0	0	0	0	52'937	0
0	0	0	0	0	0	0	998'412	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	397	0
0	0	0	0	0	0	0	8'000	0
0	0	0	0	0	0	0	10'498	0
0	0	0	0	0	0	0	7'104	0
0	0	0	0	0	0	0	32	0
0	0	0	0	0	0	0	183	0
0	0	0	0	0	0	0	10	0
0	0	0	0	0	0	0	31	0
0	0	0	0	0	0	0	647	0
0	0	0	0	0	0	0	570	0
0	0	0	0	0	0	0	8'198	0
0	0	0	0	0	0	0	1'565	0
0	0	0	0	0	0	0	128	0
0	0	0	0	0	0	0	23'237	0
0	0	0	0	0	0	0	47	0
0	0	0	0	0	0	0	61	0
0	0	0	0	0	0	0	55	0
0	0	0	0	0	0	0	3'793	0
0	0	0	0	0	0	0	135	0
0	0	0	0	0	0	0	7'598	0
0	0	0	0	0	0	0	124'591	0
0	0	0	0	0	0	0	21'973	0
0	0	0	0	0	0	0	79	0
0	0	0	0	0	0	0	6'377	0
0	0	0	0	0	0	0	12'447	0
0	0	0	0	0	0	0	117	0
0	0	0	0	0	0	0	13'033	0
0	0	0	0	0	0	0	148	0
0	0	0	0	0	0	0	998'412	0

Lymantria mathura	Maconellicoccus hirsutus	Malacosoma americanum	Malacosoma disstria	Malacosoma paralella	Margarodes prieskaensis	Margarodes vitis	Margarodes vredendalensis	Megaplatypus mutatus
0	18'324	0	0	0	0	0	0	0
4	663'790	2'323	0	0	0	0	0	0
0	14'958	1	0	0	0	0	0	0
7	3'805	0	0	0	0	0	0	0
0	17'578	0	0	0	0	0	0	0
0	45'878	38	0	0	0	0	0	0
0	20'191	19	0	0	0	0	0	0
0	33'681	1'494	0	0	0	0	0	0
81	526'141	1'037	0	0	0	0	0	0
4	924'769	1'104	0	0	0	0	0	0
17	30'419	282	0	0	0	0	0	0
0	24'250	0	0	0	0	0	0	0
0	9'442	599	0	0	0	0	0	0
5	357'435	286	0	0	0	0	0	0
2	2'051	1	0	0	0	0	0	0
9	4'540	0	0	0	0	0	0	0
0	3'456	0	0	0	0	0	0	0
0	2'990	23	0	0	0	0	0	0
36	1'322'928	1'673	0	0	0	0	0	0
7	72'403	4	0	0	0	0	0	0
1	97'836	21	0	0	0	0	0	0
0	36'034	0	0	0	0	0	0	0
54	8'472	0	0	0	0	0	0	0
0	4'886	0	0	0	0	0	0	0
3	482'837	493	0	0	0	0	0	0
1	39'121	1'883	0	0	0	0	0	0
4	98'837	199	0	0	0	0	0	0
8	839'919	62'433	0	0	0	0	0	0
241	5'706'971	73'912	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	18'324	0	0	0	0	0	0	0
1	110'632	387	0	0	0	0	0	0
0	14'958	1	0	0	0	0	0	0
7	3'805	0	0	0	0	0	0	0
0	5'859	0	0	0	0	0	0	0
0	5'098	4	0	0	0	0	0	0
0	20'191	19	0	0	0	0	0	0
0	33'681	1'494	0	0	0	0	0	0
1	7'410	15	0	0	0	0	0	0
0	16'814	20	0	0	0	0	0	0
17	30'419	282	0	0	0	0	0	0
0	24'250	0	0	0	0	0	0	0
0	305	19	0	0	0	0	0	0
1	71'487	57	0	0	0	0	0	0
2	2'051	1	0	0	0	0	0	0
9	4'540	0	0	0	0	0	0	0
0	3'456	0	0	0	0	0	0	0
0	2'990	23	0	0	0	0	0	0
0	2'194	3	0	0	0	0	0	0
7	72'403	4	0	0	0	0	0	0
1	97'836	21	0	0	0	0	0	0
0	36'034	0	0	0	0	0	0	0
54	8'472	0	0	0	0	0	0	0
0	4'886	0	0	0	0	0	0	0
0	14'631	15	0	0	0	0	0	0
0	7'824	377	0	0	0	0	0	0
4	98'837	199	0	0	0	0	0	0
0	2'346	174	0	0	0	0	0	0
241	5'706'971	73'912	0	0	0	0	0	0

Melanotus communis	Metamasius hemipterus	Monochamus carolinensis	Monochamus clamator	Monochamus galloprovincialis	Monochamus marmorator	Monochamus mutator	Monochamus nitens	Monochamus notatus
32'793	8'038	0	0	0	0	0	0	0
75'856	1'252'683	0	0	0	0	0	0	0
2'837	22'675	0	0	0	0	0	0	0
6'556	10'052	0	0	0	0	0	0	0
16'703	44'438	0	0	0	0	0	0	0
37'556	13'457	0	0	0	0	0	0	0
18	3'723	0	0	0	0	0	0	0
4'121	6'396	0	0	0	0	0	0	0
69'340	120'883	0	0	0	0	0	0	0
245'034	536'861	0	0	0	0	0	0	0
26'923	54'102	0	0	0	0	0	0	0
5'413	20'532	0	0	0	0	0	0	0
6'062	32'048	0	0	0	0	0	0	0
227'410	462'989	0	0	0	0	0	0	0
293	1'027	0	0	0	0	0	0	0
18'734	6'022	0	0	0	0	0	0	0
1'064	58	0	0	0	0	0	0	0
6'079	7'364	0	0	0	0	0	0	0
189'576	202'974	0	0	0	0	0	0	0
11'822	81'057	0	0	0	0	0	0	0
35'651	231'581	0	0	0	0	0	0	0
34'115	77'409	0	0	0	0	0	0	0
328	7'264	0	0	0	0	0	0	0
372	26'004	0	0	0	0	0	0	0
250'615	569'497	0	0	0	0	0	0	0
2'052	96'902	0	0	0	0	0	0	0
52'492	98'441	0	0	0	0	0	0	0
97'542	621'859	0	0	0	0	0	0	0
1'457'356	4'616'336	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

32'793	8'038	0	0	0	0	0	0	0
12'643	208'781	0	0	0	0	0	0	0
2'837	22'675	0	0	0	0	0	0	0
6'556	10'052	0	0	0	0	0	0	0
5'568	14'813	0	0	0	0	0	0	0
4'173	1'495	0	0	0	0	0	0	0
18	3'723	0	0	0	0	0	0	0
4'121	6'396	0	0	0	0	0	0	0
977	1'703	0	0	0	0	0	0	0
4'455	9'761	0	0	0	0	0	0	0
26'923	54'102	0	0	0	0	0	0	0
5'413	20'532	0	0	0	0	0	0	0
196	1'034	0	0	0	0	0	0	0
45'482	92'598	0	0	0	0	0	0	0
293	1'027	0	0	0	0	0	0	0
18'734	6'022	0	0	0	0	0	0	0
1'064	58	0	0	0	0	0	0	0
6'079	7'364	0	0	0	0	0	0	0
314	337	0	0	0	0	0	0	0
11'822	81'057	0	0	0	0	0	0	0
35'651	231'581	0	0	0	0	0	0	0
34'115	77'409	0	0	0	0	0	0	0
328	7'264	0	0	0	0	0	0	0
372	26'004	0	0	0	0	0	0	0
7'594	17'257	0	0	0	0	0	0	0
410	19'380	0	0	0	0	0	0	0
52'492	98'441	0	0	0	0	0	0	0
272	1'737	0	0	0	0	0	0	0
1'457'356	4'616'336	0	0	0	0	0	0	0

Monochamus obtusus	Monochamus rubigeneus	Monochamus saltuarius	Monochamus sartor	Monochamus scutellatus	Monochamus sutor	Monochamus tesserula	Monochamus titillator	Monochamus urussovii
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

Myndus crudus	Naupactus leucoloma	Nemorimyza maculosa	Numonia pyrivorella	Oligonychus perditus	Orgyia pseudotsugata	Pardalaspis cyanescens	Pardalaspis quinaria	Paysandisia archon
6'697	7'081	3'456	10	0	0	0	354	0
184'441	79'922	716	26	0	0	0	23'357	3
1'948	1'115	1'978	0	0	0	0	670	1
6'559	6'174	28	0	0	0	0	12	0
484	3'627	183	0	0	0	0	674	0
6'541	2'572	2'567	0	0	0	0	1'083	0
52	1'022	22	0	0	0	0	73	0
345	232	419	0	0	0	0	906	0
44'026	65'275	12'922	97	0	0	217	12'113	2
30'915	12'244	16'020	109	0	0	0	3'501	33
6'774	7'972	1'440	0	0	0	0	7'315	0
3'570	5'297	7'366	0	0	0	0	285	0
6'960	5'278	11	0	0	0	0	3'218	4
269'278	17'459	2'713	3	0	0	0	32'780	33
293	473	9	0	0	0	0	46	0
68	989	569	3	0	0	0	937	0
3	1'122	11	0	0	0	0	0	0
6'075	3'477	9	0	0	0	0	751	0
111'267	294'457	12'654	117	0	0	0	135'371	99
2'171	9'473	785	0	0	0	0	1'188	0
70'738	89'000	7'052	0	0	0	0	2'237	61
14'071	2'449	7'055	0	0	0	0	1'788	0
337	926	401	0	0	0	0	162	0
331	564	25	1	0	0	0	794	0
238'217	220'492	42'649	5	0	0	0	47'052	13
1'703	2'801	1'605	0	0	0	0	2'457	0
21'422	9'215	751	0	0	0	0	2'924	9
113'190	332'594	12'090	43	0	0	0	118'815	197
1'148'477	1'183'302	135'507	414	0	0	218	400'862	454

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

6'697	7'081	3'456	10	0	0	0	354	0
30'740	13'320	119	4	0	0	0	3'893	0
1'948	1'115	1'978	0	0	0	0	670	1
6'559	6'174	28	0	0	0	0	12	0
161	1'209	61	0	0	0	0	225	0
727	286	285	0	0	0	0	120	0
52	1'022	22	0	0	0	0	73	0
345	232	419	0	0	0	0	906	0
620	919	182	1	0	0	3	171	0
562	223	291	2	0	0	0	64	1
6'774	7'972	1'440	0	0	0	0	7'315	0
3'570	5'297	7'366	0	0	0	0	285	0
225	170	0	0	0	0	0	104	0
53'856	3'492	543	1	0	0	0	6'556	7
293	473	9	0	0	0	0	46	0
68	989	569	3	0	0	0	937	0
3	1'122	11	0	0	0	0	0	0
6'075	3'477	9	0	0	0	0	751	0
185	488	21	0	0	0	0	224	0
2'171	9'473	785	0	0	0	0	1'188	0
70'738	89'000	7'052	0	0	0	0	2'237	61
14'071	2'449	7'055	0	0	0	0	1'788	0
337	926	401	0	0	0	0	162	0
331	564	25	1	0	0	0	794	0
7'219	6'682	1'292	0	0	0	0	1'426	0
341	560	321	0	0	0	0	491	0
21'422	9'215	751	0	0	0	0	2'924	9
316	929	34	0	0	0	0	332	1
1'148'477	1'183'302	135'507	414	0	0	218	400'862	454

Pheletes californicus	Pissodes nemorensis	Pissodes strobi	Pissodes terminalis	Popillia japonica	Premnotrypes latithorax	Premnotrypes suturicallus	Premnotrypes vorax	Pseudopityophthorus minutissim
8'111	0	0	0	4'852	0	0	0	0
272'108	0	0	0	43'387	0	0	0	0
3'698	0	0	0	614	0	0	0	0
7'694	0	0	0	2'365	0	0	0	0
713	0	0	0	7'810	0	0	0	0
30'309	0	0	0	27'570	0	0	0	0
18	0	0	0	1'079	0	0	0	0
9'467	0	0	0	4'148	0	0	0	0
80'593	0	0	0	81'117	0	0	0	0
242'969	0	0	0	264'827	2	2	2	0
41'666	0	0	0	43'668	0	0	0	0
3'433	0	0	0	2'207	0	0	0	0
9'395	0	0	0	2'169	9	9	9	0
430'775	0	0	0	129'207	2	2	2	0
293	0	0	0	1'359	0	0	0	0
58	0	0	0	2'263	0	0	0	0
0	0	0	0	1	0	0	0	0
6'043	0	0	0	581	0	0	0	0
398'101	0	0	0	83'308	0	0	0	0
4'026	0	0	0	4'533	0	0	0	0
107'264	0	0	0	3'835	0	0	0	0
27'077	0	0	0	637	0	0	0	0
416	0	0	0	444	0	0	0	0
157	0	0	0	176	0	0	0	0
338'123	0	0	0	282'071	2	2	2	0
1'314	0	0	0	20'213	0	0	0	0
34'167	0	0	0	38'275	0	0	0	0
162'210	0	0	0	152'576	2	2	2	0
2'220'198	0	0	0	1'205'291	16	16	16	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

8'111	0	0	0	4'852	0	0	0	0
45'351	0	0	0	7'231	0	0	0	0
3'698	0	0	0	614	0	0	0	0
7'694	0	0	0	2'365	0	0	0	0
238	0	0	0	2'603	0	0	0	0
3'368	0	0	0	3'063	0	0	0	0
18	0	0	0	1'079	0	0	0	0
9'467	0	0	0	4'148	0	0	0	0
1'135	0	0	0	1'142	0	0	0	0
4'418	0	0	0	4'815	0	0	0	0
41'666	0	0	0	43'668	0	0	0	0
3'433	0	0	0	2'207	0	0	0	0
303	0	0	0	70	0	0	0	0
86'155	0	0	0	25'841	0	0	0	0
293	0	0	0	1'359	0	0	0	0
58	0	0	0	2'263	0	0	0	0
0	0	0	0	1	0	0	0	0
6'043	0	0	0	581	0	0	0	0
660	0	0	0	138	0	0	0	0
4'026	0	0	0	4'533	0	0	0	0
107'264	0	0	0	3'835	0	0	0	0
27'077	0	0	0	637	0	0	0	0
416	0	0	0	444	0	0	0	0
157	0	0	0	176	0	0	0	0
10'246	0	0	0	8'548	0	0	0	0
263	0	0	0	4'043	0	0	0	0
34'167	0	0	0	38'275	0	0	0	0
453	0	0	0	426	0	0	0	0
2'220'198	0	0	0	1'205'291	16	16	16	0

Pterandrus rosa	Quadraspidiotus perniciosus	Rhacochlaena japonica	Rhagoletis cingulata	Rhagoletis completa	Rhagoletis fausta	Rhagoletis indifferens	Rhagoletis mendax	Rhagoletis pomonella
360	5'245	0	0	1'239	0	0	0	3'169
99'843	81'275	0	2'051	7'918	2'051	2'051	456	34'436
789	680	0	0	0	0	0	0	598
90	2'417	0	0	94	0	0	0	1'976
1'705	7'906	0	0	29	0	0	0	7'659
3'160	28'901	0	13	100	13	13	0	25'941
465	1'124	0	0	32	0	0	0	994
1'125	4'304	0	0	20	0	0	0	4'071
72'860	112'610	0	938	274	938	938	73	78'188
18'799	281'354	0	1'075	43'345	1'075	1'075	77	214'262
8'663	45'144	0	0	1'378	0	0	0	40'753
652	2'269	0	0	78	0	0	0	2'110
9'920	6'960	0	34	1	34	34	14	1'129
39'810	137'339	0	159	31'251	159	159	26	97'720
73	1'443	0	0	146	0	0	0	1'185
1'231	2'345	0	0	67	0	0	0	1'956
3	1	0	0	1	0	0	0	0
984	699	0	0	369	0	0	0	210
401'279	166'008	0	1'023	10'342	1'022	1'022	2'070	58'673
4'498	4'709	0	0	69	0	0	0	4'378
10'505	7'507	0	0	185	0	0	0	3'387
2'029	745	0	0	0	0	0	0	632
652	568	0	0	3	0	0	0	384
1'121	229	0	0	11	0	0	0	162
54'864	288'869	0	199	50'436	199	199	2	225'578
4'388	24'388	0	1'114	2'681	1'114	1'114	1	19'436
18'079	44'020	0	189	1'738	189	189	105	35'821
414'861	278'588	0	15'210	4'618	15'182	15'182	5'648	106'597
1'172'808	1'537'646	0	22'005	156'425	21'976	21'976	8'474	971'405

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

360	5'245	0	0	1'239	0	0	0	3'169
16'641	13'546	0	342	1'320	342	342	76	5'739
789	680	0	0	0	0	0	0	598
90	2'417	0	0	94	0	0	0	1'976
568	2'635	0	0	10	0	0	0	2'553
351	3'211	0	1	11	1	1	0	2'882
465	1'124	0	0	32	0	0	0	994
1'125	4'304	0	0	20	0	0	0	4'071
1'026	1'586	0	13	4	13	13	1	1'101
342	5'116	0	20	788	20	20	1	3'896
8'663	45'144	0	0	1'378	0	0	0	40'753
652	2'269	0	0	78	0	0	0	2'110
320	225	0	1	0	1	1	0	36
7'962	27'468	0	32	6'250	32	32	5	19'544
73	1'443	0	0	146	0	0	0	1'185
1'231	2'345	0	0	67	0	0	0	1'956
3	1	0	0	1	0	0	0	0
984	699	0	0	369	0	0	0	210
665	275	0	2	17	2	2	3	97
4'498	4'709	0	0	69	0	0	0	4'378
10'505	7'507	0	0	185	0	0	0	3'387
2'029	745	0	0	0	0	0	0	632
652	568	0	0	3	0	0	0	384
1'121	229	0	0	11	0	0	0	162
1'663	8'754	0	6	1'528	6	6	0	6'836
878	4'878	0	223	536	223	223	0	3'887
18'079	44'020	0	189	1'738	189	189	105	35'821
1'159	778	0	42	13	42	42	16	298
1'172'808	1'537'646	0	22'005	156'425	21'976	21'976	8'474	971'405

Rhagoletis ribicola	Rhagoletis suavis	Rhynchophorus palmarum	Scaphoideus luteolus	Scirtothrips aurantii	Scirtothrips citri	Scolytus morawitzi	Sirex ermak	Spodoptera eridania
0	1'239	1'278	0	684	50	0	0	42'072
0	7'918	1'154'591	0	67'747	24'114	0	0	115'311
0	0	15'365	0	745	3	0	0	22'743
0	94	795	0	29	0	0	0	10'478
0	29	44'552	0	2'072	35	0	0	26'406
0	100	5'395	0	2'088	862	0	0	50'356
0	32	3'812	0	641	30	0	0	18
0	20	6'820	0	2'459	709	0	0	4'185
0	274	57'379	0	20'705	22'238	0	0	129'755
0	43'345	511'393	0	12'558	5'769	0	0	478'038
0	1'378	60'484	0	8'618	14	0	0	54'918
0	78	16'454	0	778	14	0	0	8'387
0	1	25'211	0	4'546	520	0	0	5'084
0	31'251	419'406	0	41'503	457	0	0	281'704
0	146	647	0	1'422	28	0	0	758
0	67	6'161	0	3'327	52	0	0	24'350
0	1	9	0	77	0	0	0	0
0	369	2'446	0	2'361	9	0	0	7'965
0	10'342	339'986	0	300'027	33'803	0	0	370'726
0	69	84'176	0	4'318	2'130	0	0	58'260
0	185	123'202	0	6'469	23	0	0	92'548
0	0	65'251	0	2'611	10	0	0	72'244
0	3	7'113	0	732	6	0	0	854
0	11	22'483	0	2'549	12	0	0	6'924
0	50'436	138'458	0	52'391	722	0	0	418'038
0	2'681	97'973	0	3'987	1'958	0	0	3'872
0	1'738	90'414	0	12'820	4'992	0	0	78'498
0	4'618	425'295	0	279'298	44'438	0	0	144'878
0	156'425	3'726'549	0	837'561	143'000	0	0	2'509'369

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	1'239	1'278	0	684	50	0	0	42'072
0	1'320	192'432	0	11'291	4'019	0	0	19'218
0	0	15'365	0	745	3	0	0	22'743
0	94	795	0	29	0	0	0	10'478
0	10	14'851	0	691	12	0	0	8'802
0	11	599	0	232	96	0	0	5'595
0	32	3'812	0	641	30	0	0	18
0	20	6'820	0	2'459	709	0	0	4'185
0	4	808	0	292	313	0	0	1'828
0	788	9'298	0	228	105	0	0	8'692
0	1'378	60'484	0	8'618	14	0	0	54'918
0	78	16'454	0	778	14	0	0	8'387
0	0	813	0	147	17	0	0	164
0	6'250	83'881	0	8'301	91	0	0	56'341
0	146	647	0	1'422	28	0	0	758
0	67	6'161	0	3'327	52	0	0	24'350
0	1	9	0	77	0	0	0	0
0	369	2'446	0	2'361	9	0	0	7'965
0	17	564	0	498	56	0	0	615
0	69	84'176	0	4'318	2'130	0	0	58'260
0	185	123'202	0	6'469	23	0	0	92'548
0	0	65'251	0	2'611	10	0	0	72'244
0	3	7'113	0	732	6	0	0	854
0	11	22'483	0	2'549	12	0	0	6'924
0	1'528	4'196	0	1'588	22	0	0	12'668
0	536	19'595	0	797	392	0	0	774
0	1'738	90'414	0	12'820	4'992	0	0	78'498
0	13	1'188	0	780	124	0	0	405
0	156'425	3'726'549	0	837'561	143'000	0	0	2'509'369

Spodoptera frugiperda	Strobilomyia viaria	Tecia solanivora	Tetranychus evansi	Tetropium gracilicorne	Toxoptera citricida	Trioza erytreae	Trogoderma granarium	Tuta absoluta
44'190	0	0	44'757	0	360	354	781	9'553
438'332	0	0	71'857	0	54'373	21'532	37'716	27'767
20'704	0	0	17'915	0	1'695	663	3'375	11'117
10'148	0	0	952	0	630	16	2'742	0
27'459	0	0	37'025	0	1'065	94	215	9'741
91'414	0	0	61'707	0	1'563	1'083	281	14'762
131	0	0	9	0	200	50	13	0
21'482	0	0	4'170	0	1'458	906	64	125
304'339	0	0	350'262	0	27'108	12'073	133'997	44'024
1'244'481	0	2	624'999	0	7'439	3'408	29'450	258'798
154'802	0	0	53'584	0	29'423	7'346	2'733	20'294
8'842	0	0	9'858	0	735	281	278	1'736
20'166	0	0	430	0	5'716	3'143	273	9
550'225	0	2	45'638	0	77'476	33'041	88'854	18'954
806	0	0	1'191	0	109	46	22	466
24'736	0	0	25'853	0	1'567	965	91	5'947
1'119	0	0	2	0	6	0	2'326	0
5'164	0	0	33	0	913	768	52	0
1'803'680	0	31	447'592	0	272'597	142'464	74'723	167'604
66'093	0	0	73'669	0	13'806	1'184	344	44'962
445'539	0	0	28'933	0	10'023	2'228	3'747	10'656
66'825	0	0	45'603	0	4'775	1'799	13'647	19'542
1'120	0	0	5'515	0	440	157	48	557
8'261	0	0	17'087	0	3'483	794	347	739
1'349'460	0	2	88'102	0	121'258	47'413	64'180	20'071
6'567	0	0	5'897	0	5'272	2'464	7'795	2'768
92'192	0	0	93'902	0	5'003	2'857	16'307	30'051
486'566	0	2	171'008	0	187'352	112'324	241'525	82'259
7'294'841	0	38	2'327'549	0	835'846	399'453	725'925	802'503

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0

44'190	0	0	44'757	0	360	354	781	9'553
73'055	0	0	11'976	0	9'062	3'589	6'286	4'628
20'704	0	0	17'915	0	1'695	663	3'375	11'117
10'148	0	0	952	0	630	16	2'742	0
9'153	0	0	12'342	0	355	31	72	3'247
10'157	0	0	6'856	0	174	120	31	1'640
131	0	0	9	0	200	50	13	0
21'482	0	0	4'170	0	1'458	906	64	125
4'286	0	0	4'933	0	382	170	1'887	620
22'627	0	0	11'364	0	135	62	535	4'705
154'802	0	0	53'584	0	29'423	7'346	2'733	20'294
8'842	0	0	9'858	0	735	281	278	1'736
651	0	0	14	0	184	101	9	0
110'045	0	0	9'128	0	15'495	6'608	17'771	3'791
806	0	0	1'191	0	109	46	22	466
24'736	0	0	25'853	0	1'567	965	91	5'947
1'119	0	0	2	0	6	0	2'326	0
5'164	0	0	33	0	913	768	52	0
2'991	0	0	742	0	452	236	124	278
66'093	0	0	73'669	0	13'806	1'184	344	44'962
445'539	0	0	28'933	0	10'023	2'228	3'747	10'656
66'825	0	0	45'603	0	4'775	1'799	13'647	19'542
1'120	0	0	5'515	0	440	157	48	557
8'261	0	0	17'087	0	3'483	794	347	739
40'893	0	0	2'670	0	3'674	1'437	1'945	608
1'313	0	0	1'179	0	1'054	493	1'559	554
92'192	0	0	93'902	0	5'003	2'857	16'307	30'051
1'359	0	0	478	0	523	314	675	230
2'431'614	0	38	2'327'549	0	835'846	399'453	725'925	802'503

Unaspis citri	**Xylotrechus altaicus**	**Xylotrechus namanganensis**	**Agrilus anxius**	**Chrysophtharta bimaculata**	**Diaphania perspectalis**	**Diocalandra frumenti**	**Drosophila suzukii**	**Enaphalodes rufulus**
1'206	0	0	0	0	0	20	10	0
1'023'492	0	0	0	0	0	107	3'533	0
14'258	0	0	0	0	0	391	2	0
787	0	0	0	0	0	3	0	0
34'633	0	0	0	0	0	57	133	0
5'360	0	0	0	0	0	558	294	0
3'147	0	0	0	0	0	3	146	0
3'639	0	0	0	0	0	3	2'170	0
212'689	0	0	0	0	0	865	1'440	0
418'351	0	0	0	0	0	442	5'333	0
55'962	0	0	0	0	0	220	288	0
16'472	0	0	0	0	0	1'057	5	0
6'758	0	0	0	0	0	42	1'809	0
336'495	0	0	0	0	0	533	331	0
700	0	0	0	0	0	83	76	0
6'182	0	0	0	0	0	2	142	0
6	0	0	0	0	0	0	0	0
2'205	0	0	0	0	0	1	38	0
204'111	0	0	0	0	0	1'003	21'607	0
76'272	0	0	0	0	0	542	36	0
62'913	0	0	0	0	0	6	22	0
61'779	0	0	0	0	0	53	6	0
4'829	0	0	0	0	0	15	3	0
21'924	0	0	0	0	0	1	5	0
108'820	0	0	0	0	0	629	519	0
25'511	0	0	0	0	0	362	6'008	0
55'325	0	0	0	0	0	220	696	0
457'845	0	0	0	0	0	5'409	107'818	0
3'221'669	0	0	0	0	0	12'631	152'469	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0

1'206	0	0	0	0	0	20	10	0
170'582	0	0	0	0	0	18	589	0
14'258	0	0	0	0	0	391	2	0
787	0	0	0	0	0	3	0	0
11'544	0	0	0	0	0	19	44	0
596	0	0	0	0	0	62	33	0
3'147	0	0	0	0	0	3	146	0
3'639	0	0	0	0	0	3	2'170	0
2'996	0	0	0	0	0	12	20	0
7'606	0	0	0	0	0	8	97	0
55'962	0	0	0	0	0	220	288	0
16'472	0	0	0	0	0	1'057	5	0
218	0	0	0	0	0	1	58	0
67'299	0	0	0	0	0	107	66	0
700	0	0	0	0	0	83	76	0
6'182	0	0	0	0	0	2	142	0
6	0	0	0	0	0	0	0	0
2'205	0	0	0	0	0	1	38	0
338	0	0	0	0	0	2	36	0
76'272	0	0	0	0	0	542	36	0
62'913	0	0	0	0	0	6	22	0
61'779	0	0	0	0	0	53	6	0
4'829	0	0	0	0	0	15	3	0
21'924	0	0	0	0	0	1	5	0
3'298	0	0	0	0	0	19	16	0
5'102	0	0	0	0	0	72	1'202	0
55'325	0	0	0	0	0	220	696	0
1'279	0	0	0	0	0	15	301	0
3'221'669	0	0	0	0	0	12'631	152'469	0

Epitrix similaris	Halyomorpha halys	Psacothea hilaris	Saperda candida	Xylosandrus crassiusculus
26'065	6'677	0	0	0
129'692	126'371	0	0	0
1'016	846	0	0	0
0	2'986	0	0	0
16'461	251	0	0	0
56'680	27'076	0	0	0
0	65	0	0	0
11'351	9'905	0	0	0
60'679	74'030	0	0	0
452'858	232'816	0	0	0
33'388	19'891	0	0	0
1'860	3'282	0	0	0
1'304	3'427	0	0	0
67'482	53'725	0	0	0
0	334	0	0	0
18'690	54	0	0	0
0	57	0	0	0
28	1'359	0	0	0
491'656	351'751	0	0	0
10'060	2'493	0	0	0
76'435	65'319	0	0	0
21'894	2'615	0	0	0
0	298	0	0	0
249	121	0	0	0
217'972	191'019	0	0	0
1'239	6'228	0	0	0
42'938	15'076	0	0	0
49'406	122'104	0	0	0
1'789'404	1'320'174	0	0	0

0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

26'065	6'677	0	0	0
21'615	21'062	0	0	0
1'016	846	0	0	0
0	2'986	0	0	0
5'487	84	0	0	0
6'298	3'008	0	0	0
0	65	0	0	0
11'351	9'905	0	0	0
855	1'043	0	0	0
8'234	4'233	0	0	0
33'388	19'891	0	0	0
1'860	3'282	0	0	0
42	111	0	0	0
13'496	10'745	0	0	0
0	334	0	0	0
18'690	54	0	0	0
0	57	0	0	0
28	1'359	0	0	0
815	583	0	0	0
10'060	2'493	0	0	0
76'435	65'319	0	0	0
21'894	2'615	0	0	0
0	298	0	0	0
249	121	0	0	0
6'605	5'788	0	0	0
248	1'246	0	0	0
42'938	15'076	0	0	0
138	341	0	0	0
1'789'404	1'320'174	0	0	0

Table S2. Climatic profiles for the Tobacco Whitefly *Bemisia tabaci* (Aleyrodidae; Hemiptera), using two methods: 1) frequency of climate occurrences, and 2) sum of proportions per country. *B. tabaci* has a worldwide non-European distribution range of 93 countries "range" (EPPO, CABI)

	Count		Envelope (%)			
KG	**Profile**	Cum.%	30	50	70	90
Aw	12.9%	12.9%	1	1	1	1
Am	9.7%	22.6%	1	1	1	1
BSh	9.4%	32.0%		1	1	1
BWh	8.4%	40.4%		1	1	1
Af	6.3%	46.7%		1	1	1
Cfb	6.0%	52.8%			1	1
Cwb	5.0%	57.7%			1	1
Cwa	5.0%	62.7%			1	1
Csa	5.0%	67.7%			1	1
BWk	5.0%	72.7%				1
BSk	4.5%	77.2%				1
Cfa	4.2%	81.4%				1
As	4.2%	85.6%				1
Csb	3.4%	89.0%				1
Dsb	1.6%	90.6%				
Dfb	1.6%	92.1%				
Dsc	1.3%	93.4%				
Dfc	1.3%	94.8%				
Dwc	1.0%	95.8%				
Dfa	1.0%	96.9%				
Cfc	1.0%	97.9%				
Dsa	0.8%	98.7%				
Dwb	0.5%	99.2%				
Dwa	0.3%	99.5%				
Cwc	0.3%	99.7%				
Csc	0.3%	100.0%				
Dwd	0.0%	100.0%				
Dfd	0.0%	100.0%				

	Prop.		Envelope (%)			
KG	**Profile**	Cum.%	30	50	70	90
Aw	27.1%	27.1%	1	1	1	1
BWh	17.7%	44.7%		1	1	1
Am	11.0%	55.8%			1	1
Af	10.6%	66.3%			1	1
BSh	7.8%	74.1%				1
Cwa	3.5%	77.5%				1
BSk	3.5%	81.0%				1
Csa	3.3%	84.3%				1
Cfa	2.8%	87.2%				1
Cwb	2.7%	89.9%				1
Cfb	2.6%	92.5%				
BWk	2.3%	94.8%				
As	1.3%	96.1%				
Dfc	1.2%	97.3%				
Dfb	0.9%	98.2%				
Csb	0.6%	98.8%				
Dsb	0.3%	99.1%				
Dwc	0.3%	99.4%				
Cfc	0.2%	99.6%				
Dsc	0.1%	99.7%				
Dsa	0.1%	99.9%				
Dfa	0.1%	100.0%				
Csc	0.0%	100.0%				
Dwb	0.0%	100.0%				
Cwc	0.0%	100.0%				
Dwa	0.0%	100.0%				
Dwd	0.0%	100.0%				
Dfd	0.0%	100.0%				

Table S3. Climate-suitability (as % total country area, Ha) for the Tobacco Whitefly *Bemisia tabaci* (Aleyrodidae; Hemiptera), using two methods: 1) frequency of climate occurrences, and 2) sum of proportions per country, and multiple climate envelope sizes.

Climate-suitability	Count Profile Data				Proportion Profile Data			
	Evelope size (%)				Evelope size (%)			
	30	50	70	90	30	50	70	90
Austria	0%	0%	49%	49%	0%	0%	0%	0%
Belgium	0%	0%	100%	100%	0%	0%	0%	0%
Bulgaria	0%	0%	42%	87%	0%	0%	0%	1%
Cyprus	0%	50%	50%	100%	0%	0%	0%	6%
CzechRepublic	0%	0%	83%	83%	0%	0%	0%	0%
Denmark	0%	0%	100%	100%	0%	0%	0%	0%
Estonia	0%	0%	0%	0%	0%	0%	0%	0%
Finland	0%	0%	0%	0%	0%	0%	0%	0%
France	0%	0%	90%	98%	0%	0%	0%	0%
Germany	0%	0%	99%	99%	0%	0%	0%	0%
Greece	0%	0%	11%	100%	0%	0%	0%	3%
Hungary	0%	0%	100%	100%	0%	0%	0%	0%
Ireland	0%	0%	100%	100%	0%	0%	0%	0%
Italy	0%	0%	33%	95%	0%	0%	0%	2%
Latvia	0%	0%	6%	6%	0%	0%	0%	0%
Lithuania	0%	0%	3%	3%	0%	0%	0%	0%
Luxembourg	0%	0%	100%	100%	0%	0%	0%	0%
Netherlands	0%	0%	100%	100%	0%	0%	0%	0%
Poland	0%	0%	67%	67%	0%	0%	0%	0%
Portugal	0%	0%	0%	100%	0%	0%	0%	2%
Romania	0%	0%	21%	48%	0%	0%	0%	1%
Slovakia	0%	0%	35%	35%	0%	0%	0%	0%
Slovenia	0%	0%	90%	90%	0%	0%	0%	0%
Spain	0%	0%	20%	100%	0%	0%	0%	2%
Sweden	0%	0%	11%	11%	0%	0%	0%	0%
Switzerland	0%	0%	82%	82%	0%	0%	0%	0%
UnitedKingdom	0%	0%	92%	92%	0%	0%	0%	0%

Table S4. Climate-suitability change for *Bemisia tabaci* in Europe, under the A1F1 climate change scenario and using climate-suitability measured as a % of total country area, using a 90% climate envelope. Change 2000-2100 is calculated by subtracting the climate suitability in 2000 from 2100.

	Cimate-Suitability as % total country area, 90% envelope					Change
Country	**1951-2000**	**2001-2025**	**2026-2050**	**2051-2075**	**2076-2100**	**2000-2100**
Albania	91%	100%	100%	100%	100%	9%
Armenia	7%	14%	29%	43%	64%	57%
Austria	49%	59%	79%	100%	100%	51%
Azerbaijan	72%	81%	83%	89%	92%	19%
Belarus	0%	4%	21%	100%	100%	100%
Belgium	100%	100%	100%	100%	100%	0%
Bosnia and Herzegovina	96%	100%	100%	100%	100%	4%
Bulgaria	87%	98%	100%	100%	100%	13%
Croatia	100%	100%	100%	100%	100%	0%
Cyprus	100%	100%	100%	100%	100%	0%
CzechRepublic	83%	95%	100%	100%	100%	18%
Denmark	100%	100%	100%	100%	100%	0%
Estonia	0%	7%	7%	100%	100%	100%
Faroe Islands	0%	0%	0%	0%	0%	0%
Finland	0%	0%	0%	39%	51%	51%
France	98%	99%	100%	100%	100%	2%
Georgia	37%	40%	40%	53%	63%	27%
Germany	99%	100%	100%	100%	100%	1%
Greece	100%	100%	100%	100%	100%	0%
Hungary	100%	100%	100%	100%	100%	0%
Iceland	0%	0%	0%	2%	3%	3%
Ireland	100%	100%	100%	100%	100%	0%
Italy	95%	94%	94%	96%	99%	4%
Latvia	6%	28%	42%	100%	100%	94%
Lithuania	3%	18%	63%	100%	100%	97%
Luxembourg	100%	100%	100%	100%	100%	0%
Malta	0%	0%	0%	0%	0%	0%
Montenegro	50%	83%	100%	100%	100%	50%
Netherlands	100%	100%	100%	100%	100%	0%
Norway	7%	11%	14%	34%	45%	38%
Poland	67%	93%	99%	100%	100%	33%
Portugal	100%	100%	100%	100%	100%	0%
Republic of Moldova	63%	100%	100%	100%	100%	37%
Romania	48%	67%	78%	96%	100%	52%
Serbia	95%	97%	100%	100%	100%	5%
Slovakia	35%	52%	78%	100%	100%	65%
Slovenia	90%	90%	100%	100%	100%	10%
Spain	100%	100%	100%	100%	100%	0%
Sweden	11%	23%	25%	35%	40%	29%
Switzerland	82%	67%	69%	88%	94%	12%
The former Yugoslav Republic of Macedonia	100%	100%	100%	100%	100%	0%
Turkey	75%	78%	86%	92%	98%	23%
Ukraine	12%	28%	68%	100%	100%	88%
UnitedKingdom	92%	97%	98%	100%	100%	8%
Mean climate-suitability	**62%**	**69%**	**74%**	**86%**	**88%**	**25%**

Table S5: Model data. Quarantine insect species in agriculture that have invaded at least 2 European
worldwide non-European distribution of at least 2 countries ("Invasion Range"). For each species-count
shows; whether the insect has already invaded that country "Invaded", Climate suitability using percent
methods, with varying envelope sizes, Host production measures in area (Ha) and %, and TVPI.

				Invasion Range	
Species	**Order**	**Family**	**Country**	**World**	**Europe**
Trioza.erytreae	Hemiptera	Triozidae	Austria	18	2
Trioza.erytreae	Hemiptera	Triozidae	Belgium	18	2
Trioza.erytreae	Hemiptera	Triozidae	Bulgaria	18	2
Trioza.erytreae	Hemiptera	Triozidae	Cyprus	18	2
Trioza.erytreae	Hemiptera	Triozidae	CzechRepublic	18	2
Trioza.erytreae	Hemiptera	Triozidae	Denmark	18	2
Trioza.erytreae	Hemiptera	Triozidae	Estonia	18	2
Trioza.erytreae	Hemiptera	Triozidae	Finland	18	2
Trioza.erytreae	Hemiptera	Triozidae	France	18	2
Trioza.erytreae	Hemiptera	Triozidae	Germany	18	2
Trioza.erytreae	Hemiptera	Triozidae	Greece	18	2
Trioza.erytreae	Hemiptera	Triozidae	Hungary	18	2
Trioza.erytreae	Hemiptera	Triozidae	Ireland	18	2
Trioza.erytreae	Hemiptera	Triozidae	Italy	18	2
Trioza.erytreae	Hemiptera	Triozidae	Latvia	18	2
Trioza.erytreae	Hemiptera	Triozidae	Lithuania	18	2
Trioza.erytreae	Hemiptera	Triozidae	Luxembourg	18	2
Trioza.erytreae	Hemiptera	Triozidae	Netherlands	18	2
Trioza.erytreae	Hemiptera	Triozidae	Poland	18	2
Trioza.erytreae	Hemiptera	Triozidae	Portugal	18	2
Trioza.erytreae	Hemiptera	Triozidae	Romania	18	2
Trioza.erytreae	Hemiptera	Triozidae	Slovakia	18	2
Trioza.erytreae	Hemiptera	Triozidae	Slovenia	18	2
Trioza.erytreae	Hemiptera	Triozidae	Spain	18	2
Trioza.erytreae	Hemiptera	Triozidae	Sweden	18	2
Trioza.erytreae	Hemiptera	Triozidae	Switzerland	18	2
Trioza.erytreae	Hemiptera	Triozidae	UnitedKingdom	18	2
Toxoptera.citricida	Hemiptera	Aphididae	Austria	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Belgium	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Bulgaria	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Cyprus	57	2
Toxoptera.citricida	Hemiptera	Aphididae	CzechRepublic	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Denmark	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Estonia	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Finland	57	2
Toxoptera.citricida	Hemiptera	Aphididae	France	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Germany	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Greece	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Hungary	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Ireland	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Italy	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Latvia	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Lithuania	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Luxembourg	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Netherlands	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Poland	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Portugal	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Romania	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Slovakia	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Slovenia	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Spain	57	2

Toxoptera.citricida	Hemiptera	Aphididae	Sweden	57	2
Toxoptera.citricida	Hemiptera	Aphididae	Switzerland	57	2
Toxoptera.citricida	Hemiptera	Aphididae	UnitedKingdom	57	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Austria	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Belgium	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Bulgaria	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Cyprus	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	CzechRepublic	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Denmark	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Estonia	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Finland	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	France	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Germany	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Greece	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Hungary	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Ireland	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Italy	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Latvia	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Lithuania	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Luxembourg	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Netherlands	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Poland	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Portugal	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Romania	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Slovakia	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Slovenia	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Spain	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Sweden	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	Switzerland	8	2
Malacosoma.paralella.	Lepidoptera	Lasiocampidae	UnitedKingdom	8	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Austria	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Belgium	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Bulgaria	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Cyprus	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	CzechRepublic	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Denmark	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Estonia	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Finland	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	France	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Germany	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Greece	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Hungary	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Ireland	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Italy	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Latvia	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Lithuania	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Luxembourg	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Netherlands	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Poland	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Portugal	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Romania	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Slovakia	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Slovenia	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Spain	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Sweden	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	Switzerland	5	2
Dryocosmus.kuriphilus.	Hymenoptera	Cynipidae	UnitedKingdom	5	2
Spodoptera.litura	Lepidoptera	Noctuidae	Austria	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Belgium	40	2

Spodoptera.litura	Lepidoptera	Noctuidae	Bulgaria	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Cyprus	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	CzechRepublic	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Denmark	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Estonia	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Finland	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	France	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Germany	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Greece	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Hungary	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Ireland	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Italy	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Latvia	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Lithuania	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Luxembourg	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Netherlands	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Poland	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Portugal	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Romania	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Slovakia	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Slovenia	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Spain	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Sweden	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	Switzerland	40	2
Spodoptera.litura	Lepidoptera	Noctuidae	UnitedKingdom	40	2
Drosophila.suzukii	Diptera	Drosophilidae	Austria	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Belgium	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Bulgaria	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Cyprus	9	3
Drosophila.suzukii	Diptera	Drosophilidae	CzechRepublic	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Denmark	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Estonia	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Finland	9	3
Drosophila.suzukii	Diptera	Drosophilidae	France	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Germany	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Greece	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Hungary	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Ireland	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Italy	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Latvia	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Lithuania	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Luxembourg	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Netherlands	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Poland	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Portugal	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Romania	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Slovakia	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Slovenia	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Spain	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Sweden	9	3
Drosophila.suzukii	Diptera	Drosophilidae	Switzerland	9	3
Drosophila.suzukii	Diptera	Drosophilidae	UnitedKingdom	9	3
Unaspis.citri	Hemiptera	Diaspididae	Austria	60	3
Unaspis.citri	Hemiptera	Diaspididae	Belgium	60	3
Unaspis.citri	Hemiptera	Diaspididae	Bulgaria	60	3
Unaspis.citri	Hemiptera	Diaspididae	Cyprus	60	3
Unaspis.citri	Hemiptera	Diaspididae	CzechRepublic	60	3
Unaspis.citri	Hemiptera	Diaspididae	Denmark	60	3
Unaspis.citri	Hemiptera	Diaspididae	Estonia	60	3

Unaspis.citri	Hemiptera	Diaspididae	Finland	60	3
Unaspis.citri	Hemiptera	Diaspididae	France	60	3
Unaspis.citri	Hemiptera	Diaspididae	Germany	60	3
Unaspis.citri	Hemiptera	Diaspididae	Greece	60	3
Unaspis.citri	Hemiptera	Diaspididae	Hungary	60	3
Unaspis.citri	Hemiptera	Diaspididae	Ireland	60	3
Unaspis.citri	Hemiptera	Diaspididae	Italy	60	3
Unaspis.citri	Hemiptera	Diaspididae	Latvia	60	3
Unaspis.citri	Hemiptera	Diaspididae	Lithuania	60	3
Unaspis.citri	Hemiptera	Diaspididae	Luxembourg	60	3
Unaspis.citri	Hemiptera	Diaspididae	Netherlands	60	3
Unaspis.citri	Hemiptera	Diaspididae	Poland	60	3
Unaspis.citri	Hemiptera	Diaspididae	Portugal	60	3
Unaspis.citri	Hemiptera	Diaspididae	Romania	60	3
Unaspis.citri	Hemiptera	Diaspididae	Slovakia	60	3
Unaspis.citri	Hemiptera	Diaspididae	Slovenia	60	3
Unaspis.citri	Hemiptera	Diaspididae	Spain	60	3
Unaspis.citri	Hemiptera	Diaspididae	Sweden	60	3
Unaspis.citri	Hemiptera	Diaspididae	Switzerland	60	3
Unaspis.citri	Hemiptera	Diaspididae	UnitedKingdom	60	3
Eutetranychus.orientalis	Acari	Acari	Austria	27	3
Eutetranychus.orientalis	Acari	Acari	Belgium	27	3
Eutetranychus.orientalis	Acari	Acari	Bulgaria	27	3
Eutetranychus.orientalis	Acari	Acari	Cyprus	27	3
Eutetranychus.orientalis	Acari	Acari	CzechRepublic	27	3
Eutetranychus.orientalis	Acari	Acari	Denmark	27	3
Eutetranychus.orientalis	Acari	Acari	Estonia	27	3
Eutetranychus.orientalis	Acari	Acari	Finland	27	3
Eutetranychus.orientalis	Acari	Acari	France	27	3
Eutetranychus.orientalis	Acari	Acari	Germany	27	3
Eutetranychus.orientalis	Acari	Acari	Greece	27	3
Eutetranychus.orientalis	Acari	Acari	Hungary	27	3
Eutetranychus.orientalis	Acari	Acari	Ireland	27	3
Eutetranychus.orientalis	Acari	Acari	Italy	27	3
Eutetranychus.orientalis	Acari	Acari	Latvia	27	3
Eutetranychus.orientalis	Acari	Acari	Lithuania	27	3
Eutetranychus.orientalis	Acari	Acari	Luxembourg	27	3
Eutetranychus.orientalis	Acari	Acari	Netherlands	27	3
Eutetranychus.orientalis	Acari	Acari	Poland	27	3
Eutetranychus.orientalis	Acari	Acari	Portugal	27	3
Eutetranychus.orientalis	Acari	Acari	Romania	27	3
Eutetranychus.orientalis	Acari	Acari	Slovakia	27	3
Eutetranychus.orientalis	Acari	Acari	Slovenia	27	3
Eutetranychus.orientalis	Acari	Acari	Spain	27	3
Eutetranychus.orientalis	Acari	Acari	Sweden	27	3
Eutetranychus.orientalis	Acari	Acari	Switzerland	27	3
Eutetranychus.orientalis	Acari	Acari	UnitedKingdom	27	3
Rhagoletis.completa	Diptera	Tephritidae	Austria	2	4
Rhagoletis.completa	Diptera	Tephritidae	Belgium	2	4
Rhagoletis.completa	Diptera	Tephritidae	Bulgaria	2	4
Rhagoletis.completa	Diptera	Tephritidae	Cyprus	2	4
Rhagoletis.completa	Diptera	Tephritidae	CzechRepublic	2	4
Rhagoletis.completa	Diptera	Tephritidae	Denmark	2	4
Rhagoletis.completa	Diptera	Tephritidae	Estonia	2	4
Rhagoletis.completa	Diptera	Tephritidae	Finland	2	4
Rhagoletis.completa	Diptera	Tephritidae	France	2	4
Rhagoletis.completa	Diptera	Tephritidae	Germany	2	4
Rhagoletis.completa	Diptera	Tephritidae	Greece	2	4
Rhagoletis.completa	Diptera	Tephritidae	Hungary	2	4

Rhagoletis.completa	Diptera	Tephritidae	Ireland	2	4
Rhagoletis.completa	Diptera	Tephritidae	Italy	2	4
Rhagoletis.completa	Diptera	Tephritidae	Latvia	2	4
Rhagoletis.completa	Diptera	Tephritidae	Lithuania	2	4
Rhagoletis.completa	Diptera	Tephritidae	Luxembourg	2	4
Rhagoletis.completa	Diptera	Tephritidae	Netherlands	2	4
Rhagoletis.completa	Diptera	Tephritidae	Poland	2	4
Rhagoletis.completa	Diptera	Tephritidae	Portugal	2	4
Rhagoletis.completa	Diptera	Tephritidae	Romania	2	4
Rhagoletis.completa	Diptera	Tephritidae	Slovakia	2	4
Rhagoletis.completa	Diptera	Tephritidae	Slovenia	2	4
Rhagoletis.completa	Diptera	Tephritidae	Spain	2	4
Rhagoletis.completa	Diptera	Tephritidae	Sweden	2	4
Rhagoletis.completa	Diptera	Tephritidae	Switzerland	2	4
Rhagoletis.completa	Diptera	Tephritidae	UnitedKingdom	2	4
Rhagoletis.cingulata	Diptera	Tephritidae	Austria	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Belgium	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Bulgaria	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Cyprus	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	CzechRepublic	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Denmark	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Estonia	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Finland	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	France	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Germany	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Greece	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Hungary	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Ireland	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Italy	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Latvia	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Lithuania	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Luxembourg	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Netherlands	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Poland	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Portugal	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Romania	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Slovakia	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Slovenia	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Spain	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Sweden	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	Switzerland	3	4
Rhagoletis.cingulata	Diptera	Tephritidae	UnitedKingdom	3	4
Tetranychus.evansi.	Acari	Acari	Austria	24	5
Tetranychus.evansi.	Acari	Acari	Belgium	24	5
Tetranychus.evansi.	Acari	Acari	Bulgaria	24	5
Tetranychus.evansi.	Acari	Acari	Cyprus	24	5
Tetranychus.evansi.	Acari	Acari	CzechRepublic	24	5
Tetranychus.evansi.	Acari	Acari	Denmark	24	5
Tetranychus.evansi.	Acari	Acari	Estonia	24	5
Tetranychus.evansi.	Acari	Acari	Finland	24	5
Tetranychus.evansi.	Acari	Acari	France	24	5
Tetranychus.evansi.	Acari	Acari	Germany	24	5
Tetranychus.evansi.	Acari	Acari	Greece	24	5
Tetranychus.evansi.	Acari	Acari	Hungary	24	5
Tetranychus.evansi.	Acari	Acari	Ireland	24	5
Tetranychus.evansi.	Acari	Acari	Italy	24	5
Tetranychus.evansi.	Acari	Acari	Latvia	24	5
Tetranychus.evansi.	Acari	Acari	Lithuania	24	5
Tetranychus.evansi.	Acari	Acari	Luxembourg	24	5

Tetranychus.evansi.	Acari	Acari	Netherlands	24	5
Tetranychus.evansi.	Acari	Acari	Poland	24	5
Tetranychus.evansi.	Acari	Acari	Portugal	24	5
Tetranychus.evansi.	Acari	Acari	Romania	24	5
Tetranychus.evansi.	Acari	Acari	Slovakia	24	5
Tetranychus.evansi.	Acari	Acari	Slovenia	24	5
Tetranychus.evansi.	Acari	Acari	Spain	24	5
Tetranychus.evansi.	Acari	Acari	Sweden	24	5
Tetranychus.evansi.	Acari	Acari	Switzerland	24	5
Tetranychus.evansi.	Acari	Acari	UnitedKingdom	24	5
Paysandisia.archon.	Lepidoptera	Castniidae	Austria	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Belgium	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Bulgaria	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Cyprus	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	CzechRepublic	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Denmark	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Estonia	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Finland	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	France	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Germany	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Greece	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Hungary	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Ireland	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Italy	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Latvia	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Lithuania	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Luxembourg	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Netherlands	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Poland	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Portugal	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Romania	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Slovakia	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Slovenia	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Spain	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Sweden	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	Switzerland	4	5
Paysandisia.archon.	Lepidoptera	Castniidae	UnitedKingdom	4	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Austria	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Belgium	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Bulgaria	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Cyprus	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	CzechRepublic	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Denmark	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Estonia	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Finland	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	France	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Germany	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Greece	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Hungary	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Ireland	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Italy	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Latvia	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Lithuania	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Luxembourg	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Netherlands	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Poland	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Portugal	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Romania	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Slovakia	12	5

Lopholeucaspis.japonica	Hemiptera	Diaspididae	Slovenia	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Spain	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Sweden	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	Switzerland	12	5
Lopholeucaspis.japonica	Hemiptera	Diaspididae	UnitedKingdom	12	5
Opogona.sacchari	Lepidoptera	Tineidae	Austria	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Belgium	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Bulgaria	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Cyprus	83	8
Opogona.sacchari	Lepidoptera	Tineidae	CzechRepublic	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Denmark	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Estonia	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Finland	83	8
Opogona.sacchari	Lepidoptera	Tineidae	France	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Germany	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Greece	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Hungary	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Ireland	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Italy	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Latvia	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Lithuania	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Luxembourg	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Netherlands	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Poland	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Portugal	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Romania	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Slovakia	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Slovenia	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Spain	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Sweden	83	8
Opogona.sacchari	Lepidoptera	Tineidae	Switzerland	83	8
Opogona.sacchari	Lepidoptera	Tineidae	UnitedKingdom	83	8
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Austria	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Belgium	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Bulgaria	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Cyprus	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	CzechRepublic	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Denmark	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Estonia	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Finland	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	France	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Germany	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Greece	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Hungary	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Ireland	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Italy	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Latvia	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Lithuania	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Luxembourg	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Netherlands	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Poland	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Portugal	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Romania	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Slovakia	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Slovenia	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Spain	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Sweden	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	Switzerland	3	9
Cacyreus.marshalli	Lepidoptera	Lycaenidae	UnitedKingdom	3	9

Spodoptera.littoralis	Lepidoptera	Noctuidae	Austria	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Belgium	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Bulgaria	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Cyprus	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	CzechRepublic	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Denmark	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Estonia	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Finland	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	France	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Germany	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Greece	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Hungary	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Ireland	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Italy	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Latvia	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Lithuania	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Luxembourg	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Netherlands	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Poland	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Portugal	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Romania	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Slovakia	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Slovenia	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Spain	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Sweden	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	Switzerland	52	9
Spodoptera.littoralis	Lepidoptera	Noctuidae	UnitedKingdom	52	9
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Austria	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Belgium	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Bulgaria	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Cyprus	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	CzechRepublic	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Denmark	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Estonia	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Finland	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	France	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Germany	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Greece	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Hungary	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Ireland	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Italy	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Latvia	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Lithuania	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Luxembourg	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Netherlands	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Poland	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Portugal	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Romania	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Slovakia	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Slovenia	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Spain	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Sweden	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	Switzerland	36	11
Rhynchophorus.ferrugineus	Coleoptera	Curculionidae	UnitedKingdom	36	11
Trogoderma.granarium	Coleoptera	Dermestidae	Austria	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Belgium	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Bulgaria	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Cyprus	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	CzechRepublic	36	14

Trogoderma.granarium	Coleoptera	Dermestidae	Denmark	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Estonia	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Finland	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	France	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Germany	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Greece	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Hungary	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Ireland	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Italy	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Latvia	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Lithuania	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Luxembourg	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Netherlands	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Poland	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Portugal	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Romania	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Slovakia	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Slovenia	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Spain	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Sweden	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	Switzerland	36	14
Trogoderma.granarium	Coleoptera	Dermestidae	UnitedKingdom	36	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Austria	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Belgium	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Bulgaria	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Cyprus	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	CzechRepublic	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Denmark	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Estonia	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Finland	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	France	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Germany	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Greece	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Hungary	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Ireland	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Italy	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Latvia	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Lithuania	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Luxembourg	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Netherlands	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Poland	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Portugal	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Romania	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Slovakia	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Slovenia	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Spain	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Sweden	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	Switzerland	2	14
Diabrotica.virgifera	Coleoptera	Chrysomelidae	UnitedKingdom	2	14
Ceratitis.capitata	Diptera	Tephritidae	Austria	63	15
Ceratitis.capitata	Diptera	Tephritidae	Belgium	63	15
Ceratitis.capitata	Diptera	Tephritidae	Bulgaria	63	15
Ceratitis.capitata	Diptera	Tephritidae	Cyprus	63	15
Ceratitis.capitata	Diptera	Tephritidae	CzechRepublic	63	15
Ceratitis.capitata	Diptera	Tephritidae	Denmark	63	15
Ceratitis.capitata	Diptera	Tephritidae	Estonia	63	15
Ceratitis.capitata	Diptera	Tephritidae	Finland	63	15
Ceratitis.capitata	Diptera	Tephritidae	France	63	15
Ceratitis.capitata	Diptera	Tephritidae	Germany	63	15

Ceratitis.capitata	Diptera	Tephritidae	Greece	63	15
Ceratitis.capitata	Diptera	Tephritidae	Hungary	63	15
Ceratitis.capitata	Diptera	Tephritidae	Ireland	63	15
Ceratitis.capitata	Diptera	Tephritidae	Italy	63	15
Ceratitis.capitata	Diptera	Tephritidae	Latvia	63	15
Ceratitis.capitata	Diptera	Tephritidae	Lithuania	63	15
Ceratitis.capitata	Diptera	Tephritidae	Luxembourg	63	15
Ceratitis.capitata	Diptera	Tephritidae	Netherlands	63	15
Ceratitis.capitata	Diptera	Tephritidae	Poland	63	15
Ceratitis.capitata	Diptera	Tephritidae	Portugal	63	15
Ceratitis.capitata	Diptera	Tephritidae	Romania	63	15
Ceratitis.capitata	Diptera	Tephritidae	Slovakia	63	15
Ceratitis.capitata	Diptera	Tephritidae	Slovenia	63	15
Ceratitis.capitata	Diptera	Tephritidae	Spain	63	15
Ceratitis.capitata	Diptera	Tephritidae	Sweden	63	15
Ceratitis.capitata	Diptera	Tephritidae	Switzerland	63	15
Ceratitis.capitata	Diptera	Tephritidae	UnitedKingdom	63	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Austria	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Belgium	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Bulgaria	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Cyprus	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	CzechRepublic	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Denmark	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Estonia	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Finland	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	France	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Germany	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Greece	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Hungary	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Ireland	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Italy	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Latvia	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Lithuania	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Luxembourg	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Netherlands	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Poland	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Portugal	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Romania	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Slovakia	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Slovenia	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Spain	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Sweden	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	Switzerland	6	15
Cacoecimorpha.pronubana	Lepidoptera	Tortricidae	UnitedKingdom	6	15
Liriomyza.huidobrensis	Diptera	Agromyzidae	Austria	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Belgium	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Bulgaria	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Cyprus	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	CzechRepublic	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Denmark	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Estonia	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Finland	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	France	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Germany	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Greece	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Hungary	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Ireland	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Italy	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Latvia	20	17

Liriomyza.huidobrensis	Diptera	Agromyzidae	Lithuania	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Luxembourg	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Netherlands	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Poland	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Portugal	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Romania	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Slovakia	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Slovenia	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Spain	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Sweden	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	Switzerland	20	17
Liriomyza.huidobrensis	Diptera	Agromyzidae	UnitedKingdom	20	17
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Austria	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Belgium	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Bulgaria	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Cyprus	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	CzechRepublic	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Denmark	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Estonia	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Finland	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	France	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Germany	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Greece	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Hungary	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Ireland	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Italy	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Latvia	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Lithuania	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Luxembourg	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Netherlands	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Poland	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Portugal	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Romania	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Slovakia	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Slovenia	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Spain	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Sweden	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	Switzerland	22	19
Quadraspidiotus.perniciosus	Hemiptera	Diaspididae	UnitedKingdom	22	19
Liriomyza.trifolii	Diptera	Agromyzidae	Austria	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Belgium	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Bulgaria	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Cyprus	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	CzechRepublic	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Denmark	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Estonia	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Finland	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	France	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Germany	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Greece	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Hungary	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Ireland	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Italy	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Latvia	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Lithuania	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Luxembourg	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Netherlands	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Poland	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Portugal	57	19

Liriomyza.trifolii	Diptera	Agromyzidae	Romania	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Slovakia	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Slovenia	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Spain	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Sweden	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	Switzerland	57	19
Liriomyza.trifolii	Diptera	Agromyzidae	UnitedKingdom	57	19
Helicoverpa.armigera	Lepidoptera	Noctuidae	Austria	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Belgium	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Bulgaria	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Cyprus	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	CzechRepublic	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Denmark	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Estonia	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Finland	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	France	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Germany	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Greece	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Hungary	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Ireland	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Italy	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Latvia	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Lithuania	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Luxembourg	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Netherlands	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Poland	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Portugal	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Romania	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Slovakia	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Slovenia	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Spain	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Sweden	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	Switzerland	90	20
Helicoverpa.armigera	Lepidoptera	Noctuidae	UnitedKingdom	90	20
Bemisia.tabaci	Hemiptera	Aleyrodidae	Austria	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Belgium	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Bulgaria	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Cyprus	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	CzechRepublic	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Denmark	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Estonia	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Finland	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	France	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Germany	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Greece	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Hungary	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Ireland	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Italy	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Latvia	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Lithuania	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Luxembourg	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Netherlands	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Poland	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Portugal	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Romania	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Slovakia	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Slovenia	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Spain	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	Sweden	93	21

Bemisia.tabaci	Hemiptera	Aleyrodidae	Switzerland	93	21
Bemisia.tabaci	Hemiptera	Aleyrodidae	UnitedKingdom	93	21
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Austria	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Belgium	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Bulgaria	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Cyprus	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	CzechRepublic	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Denmark	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Estonia	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Finland	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	France	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Germany	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Greece	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Hungary	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Ireland	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Italy	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Latvia	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Lithuania	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Luxembourg	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Netherlands	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Poland	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Portugal	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Romania	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Slovakia	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Slovenia	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Spain	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Sweden	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	Switzerland	28	25
Viteus.vitifoliae	Hemiptera	Phylloxeridae	UnitedKingdom	28	25
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Austria	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Belgium	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Bulgaria	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Cyprus	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	CzechRepublic	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Denmark	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Estonia	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Finland	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	France	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Germany	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Greece	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Hungary	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Ireland	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Italy	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Latvia	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Lithuania	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Luxembourg	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Netherlands	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Poland	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Portugal	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Romania	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Slovakia	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Slovenia	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Spain	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Sweden	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	Switzerland	14	29
Leptinotarsa.decemlineata	Coleoptera	Chrysomelidae	UnitedKingdom	14	29
Frankliniella.occidentalis	Thysanoptera	Thripidae	Austria	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Belgium	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Bulgaria	15	30

Frankliniella.occidentalis	Thysanoptera	Thripidae	Cyprus	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	CzechRepublic	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Denmark	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Estonia	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Finland	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	France	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Germany	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Greece	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Hungary	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Ireland	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Italy	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Latvia	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Lithuania	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Luxembourg	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Netherlands	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Poland	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Portugal	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Romania	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Slovakia	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Slovenia	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Spain	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Sweden	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	Switzerland	15	30
Frankliniella.occidentalis	Thysanoptera	Thripidae	UnitedKingdom	15	30

and have a
try row, the table
tage and proportion

	Climate suitability (Percentage)				Climate-Suitability (Proportion)					
Invaded	**30%**	**50%**	**70%**	**90%**	**30%**	**50%**	**70%**	**90%**	**Host (area)**	**Host (%)**
0	0	0	0.49	0.49	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0	0
0	0	0	0.42	0.42	0	0	0	0	0	0
0	0	0.5	0.5	0.5	0	0	0.09	0.07	5021	0.005
0	0	0	0.83	0.83	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.9	0.9	0	0	0	0	1941	0
0	0	0	0.99	0.99	0	0	0	0	0	0
0	0	0	0.11	0.11	0	0	0	0	57774	0.004
0	0	0	1	1	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0	0
0	0	0	0.33	0.33	0	0	0	0	168070	0.006
0	0	0	0.06	0.06	0	0	0	0	0	0
0	0	0	0.03	0.03	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0	0	0
0	0	0	0.67	0.67	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	26647	0.003
0	0	0	0.21	0.21	0	0	0	0	0	0
0	0	0	0.35	0.35	0	0	0	0	0	0
0	0	0	0.9	0.9	0	0	0	0	0	0
1	0	0	0.2	0.2	0	0	0	0	305789	0.006
0	0	0	0.11	0.11	0	0	0	0	0	0
0	0	0	0.82	0.82	0	0	0	0	0	0
0	0	0	0.92	0.92	0	0	0	0	0	0
0	0	0	0.49	0.49	0	0	0	0.03	0	0
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	0.42	0.87	0	0	0	0.05	0	0
0	0	0.5	0.5	0.5	0	0	0	0.04	5021	0.005
0	0	0	0.83	0.83	0	0	0	0.04	0	0
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.9	0.95	0	0	0	0.05	1941	0
0	0	0	0.99	0.99	0	0	0	0.05	0	0
0	0	0	0.11	0.32	0	0	0	0.01	57774	0.004
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	0.33	0.63	0	0	0	0.03	168070	0.006
0	0	0	0.06	0.06	0	0	0	0	0	0
0	0	0	0.03	0.03	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	0.67	0.67	0	0	0	0.04	0	0
1	0	0	0	0.49	0	0	0	0	26647	0.003
0	0	0	0.21	0.48	0	0	0	0.03	0	0
0	0	0	0.35	0.35	0	0	0	0.02	0	0
0	0	0	0.9	0.9	0	0	0	0.05	0	0
1	0	0	0.2	0.59	0	0	0	0.01	305789	0.006

0	0	0	0.11	0.11	0	0	0	0.01	0	0
0	0	0	0.82	0.82	0	0	0	0.04	0	0
0	0	0	0.92	0.92	0	0	0	0.05	0	0
0	0	0	0	0.51	0	0	0.07	0.05	4006000	0.503
0	0	0	0	0	0	0	0	0	706000	0.231
0	0	0	0	0.58	0	0	0.01	0.01	3927000	0.354
0	0	0.5	0.5	1	0	0	0.07	0.06	387000	0.418
0	0	0	0	0.18	0	0	0.02	0.01	2657000	0.337
0	0	0	0	0	0	0	0	0	591000	0.137
0	0	0	0	1	0	0	0.11	0.08	2350000	0.52
0	0	0	0	1	0	0	0.16	0.12	23269000	0.691
0	0	0.03	0.03	0.09	0	0	0.01	0.01	17572000	0.273
0	0	0	0	0.01	0	0	0	0	11076000	0.31
0	0	0.68	0.68	0.89	0	0	0.1	0.08	6539000	0.496
0	0	0	0	0	0	0	0	0	2029000	0.218
0	0	0	0	0	0	0	0	0	789000	0.112
0	0	0.32	0.32	0.67	0	0	0.05	0.04	10916000	0.386
0	0	0	0	0.94	0	0	0.1	0.08	3467000	0.537
0	0	0	0	0.97	0	0	0.1	0.08	2240000	0.343
0	0	0	0	0	0	0	0	0	88000	0.34
0	0	0	0	0	0	0	0	0	365000	0.088
0	0	0	0	0.33	0	0	0.04	0.03	9337000	0.299
0	0	0.51	0.51	1	0	0	0.08	0.06	3611000	0.392
0	0	0	0	0.79	0	0	0.06	0.04	6733000	0.282
0	0	0	0	0.65	0	0	0.07	0.05	1933000	0.394
0	0	0	0	0.1	0	0	0.02	0.01	1274000	0.628
0	0.09	0.5	0.5	0.8	0.09	0.05	0.09	0.07	27747000	0.549
0	0	0	0	0.89	0	0	0.13	0.1	31247000	0.734
0	0	0	0	0.18	0	0	0.03	0.02	1311000	0.491
0	0	0	0	0	0	0	0	0	2901000	0.119
0	0.32	0.32	1	1	0	0	0	0.06	6606	0.001
0	0	0	1	1	0	0	0	0	225	0
0	0.13	0.58	1	1	0.44	0.27	0.2	0.16	9001	0.001
0	0	0	0	0	0	0	0	0	317	0
0	0.18	0.18	1	1	0	0	0	0.03	1162	0
0	0	0	1	1	0	0	0	0	0	0
0	1	1	1	1	0	0	0	0.16	0	0
0	0.1	0.1	1	1	0	0	0	0.07	0	0
1	0	0	0.92	0.92	0	0	0	0	23423	0
0	0.01	0.01	1	1	0	0	0	0	5001	0
0	0	0.09	0.19	0.19	0.09	0.05	0.04	0.03	17704	0.001
0	0	0	1	1	0	0	0	0	4276	0
0	0	0	1	1	0	0	0	0	0	0
1	0.01	0.25	0.62	0.62	0.24	0.15	0.11	0.08	26085	0.001
0	0.94	0.94	1	1	0	0	0	0.15	0	0
0	0.97	0.97	1	1	0	0	0	0.16	0	0
0	0	0	1	1	0	0	0	0	76	0
0	0	0	1	1	0	0	0	0	0	0
0	0.32	0.32	1	1	0	0	0	0.05	6953	0
0	0	0	0	0	0	0	0	0	33355	0.004
0	0.51	0.78	1	1	0.27	0.16	0.12	0.17	1958	0
0	0.65	0.65	1	1	0	0	0	0.11	2116	0
0	0	0	1	1	0	0	0	0.01	77	0
0	0	0.03	0.23	0.23	0.03	0.02	0.01	0.01	13996	0
0	0.18	0.18	1	1	0	0	0	0.07	0	0
0	0	0	1	1	0	0	0	0.01	1320	0
0	0	0	0.92	0.92	0	0	0	0	0	0
0	0	0.49	0.81	1	0	0	0	0	846727	0.106
0	0	1	1	1	0	0	0	0	455040	0.149

0	0	0.87	1	1	0	0	0	0.02	2422954	0.219
0	0	0	0	1	0	0	0	0.01	71893	0.078
0	0	0.83	1	1	0	0	0	0	1878496	0.238
0	0	1	1	1	0	0	0	0	1605051	0.372
0	0	0	1	1	0	0	0	0	319620	0.071
0	0	0	0.1	1	0	0	0	0.02	1233084	0.037
0	0	0.91	0.91	0.95	0	0	0	0	11432337	0.178
1	0	0.99	1	1	0	0	0	0	7675499	0.215
0	0	0.19	0.19	0.88	0	0	0	0	1500429	0.114
0	0	1	1	1	0	0	0	0	3539103	0.38
0	0	1	1	1	0	0	0	0	313741	0.045
0	0	0.57	0.58	0.93	0	0	0	0.01	5158935	0.182
0	0	0.06	1	1	0	0	0	0	485076	0.075
0	0	0.03	1	1	0	0	0	0	935706	0.143
0	0	1	1	1	0	0	0	0	29110	0.113
0	0	1	1	1	0	0	0	0	347717	0.084
0	0	0.67	0.99	1	0	0	0	0	5451920	0.174
0	0	0	0	0.51	0	0	0	0	506624	0.055
0	0	0.48	0.99	1	0	0	0	0.01	6845258	0.287
0	0	0.35	1	1	0	0	0	0	1018677	0.208
0	0	0.9	0.9	1	0	0	0	0	107201	0.053
0	0	0.23	0.23	0.73	0	0	0	0	7958678	0.157
0	0	0.11	0.29	1	0	0	0	0.02	1099189	0.026
0	0	0.82	0.82	1	0	0	0	0	204161	0.076
1	0	0.92	0.92	0.92	0	0	0	0	3834799	0.157
0	0.32	1	1	1	0.19	0.11	0.12	0.09	54728	0.007
0	0	1	1	1	0	0	0	0	16207	0.005
0	0.13	1	1	1	0	0	0.13	0.1	169734	0.015
0	0	0	0	0	0	0	0	0.02	18041	0.02
0	0.18	1	1	1	0	0	0.03	0.03	29644	0.004
0	0	1	1	1	0	0	0	0	2166	0.001
0	1	1	1	1	0	0	0.19	0.15	8559	0.002
0	0.1	1	1	1	0.9	0.51	0.31	0.24	1044	0
1	0	0.92	0.92	0.92	0.01	0.01	0	0	975039	0.015
0	0.01	1	1	1	0	0	0	0	147589	0.004
0	0	0.19	0.19	0.19	0	0	0.02	0.02	203640	0.015
0	0	1	1	1	0	0	0	0	147780	0.016
0	0	1	1	1	0	0	0	0	1523	0
1	0.01	0.62	0.62	0.62	0.04	0.02	0.07	0.05	1049928	0.037
0	0.94	1	1	1	0	0	0.18	0.14	11754	0.002
0	0.97	1	1	1	0	0	0.19	0.14	26317	0.004
0	0	1	1	1	0	0	0	0	3393	0.013
0	0	1	1	1	0	0	0	0	18517	0.004
0	0.32	1	1	1	0.01	0	0.06	0.05	237366	0.008
0	0	0	0	0	0	0	0	0	350672	0.038
0	0.51	1	1	1	0.01	0.01	0.16	0.12	366925	0.015
0	0.65	1	1	1	0	0	0.13	0.1	17226	0.004
0	0	1	1	1	0.1	0.06	0.03	0.02	23468	0.012
1	0	0.23	0.32	0.32	0	0	0.01	0.01	1373443	0.027
0	0.18	1	1	1	0.71	0.4	0.26	0.2	4604	0
0	0	1	1	1	0.18	0.1	0.06	0.04	21092	0.008
0	0	0.92	0.92	0.92	0	0	0	0	16682	0.001
0	0	0	0.49	0.49	0	0	0	0.02	165	0
0	0	0	1	1	0	0	0	0.05	95	0
0	0	0	0.87	0.87	0	0	0	0.04	8768	0.001
0	0	0.5	0.5	0.5	0	0	0	0	5348	0.006
0	0	0	0.83	0.83	0	0	0	0.04	292	0
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	7	0
1	0	0	0.91	0.95	0	0	0	0.04	2565	0
0	0	0	0.99	0.99	0	0	0	0.05	36	0
0	0	0	0.19	0.32	0	0	0	0.01	62346	0.005
0	0	0	1	1	0	0	0	0.05	5383	0.001
0	0	0	1	1	0	0	0	0.05	0	0
1	0	0	0.57	0.63	0	0	0	0.03	182118	0.006
0	0	0	0.06	0.06	0	0	0	0	0	0
0	0	0	0.03	0.03	0	0	0	0	0	0
0	0	0	1	1	0	0	0	0.05	0	0
0	0	0	1	1	0	0	0	0.05	1211	0
0	0	0	0.67	0.67	0	0	0	0.03	0	0
0	0	0	0	0.49	0	0	0	0	28127	0.003
0	0	0	0.48	0.48	0	0	0	0.02	19640	0.001
0	0	0	0.35	0.35	0	0	0	0.02	2405	0
0	0	0	0.9	0.9	0	0	0	0.04	196	0
0	0	0	0.23	0.59	0	0	0	0.01	338293	0.007
0	0	0	0.11	0.11	0	0	0	0.01	0	0
0	0	0	0.82	0.82	0	0	0	0.04	15	0
0	0	0	0.92	0.92	0	0	0	0.04	73	0
0	0	0	0	0.49	0	0	0	0	30177	0.004
0	0	0	0	1	0	0	0	0	7070	0.002
0	0	0	0	0.87	0	0	0	0.02	683297	0.062
1	0.5	0.5	1	1	0	0	0.09	0.1	25676	0.028
0	0	0	0	0.83	0	0	0	0	43152	0.005
0	0	0	0	1	0	0	0	0	498	0
0	0	0	0	0	0	0	0	0	924	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0.03	0.98	0	0	0	0	692490	0.011
0	0	0	0	0.99	0	0	0	0	36218	0.001
0	0	0	0.68	1	0	0	0	0.05	947156	0.072
0	0	0	0	1	0	0	0	0	537998	0.058
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0.32	0.95	0	0	0	0.03	1720768	0.061
0	0	0	0	0.06	0	0	0	0	1410	0
0	0	0	0	0.03	0	0	0	0	2603	0
0	0	0	0	1	0	0	0	0	926	0.004
0	0	0	0	1	0	0	0	0	7156	0.002
0	0	0	0	0.67	0	0	0	0	42923	0.001
0	0	0	0.51	1	0	0	0	0.03	563195	0.061
0	0	0	0	0.48	0	0	0	0.01	1091110	0.046
0	0	0	0	0.35	0	0	0	0	99181	0.02
0	0	0	0	0.9	0	0	0	0	4777	0.002
1	0	0	0.41	1	0	0	0	0.03	4213351	0.083
0	0	0	0	0.11	0	0	0	0	310	0
0	0	0	0	0.82	0	0	0	0	6397	0.002
0	0	0	0	0.92	0	0	0	0	2627	0
0	0	0	0.49	0.49	0	0	0.03	0.05	6606	0.001
0	0	0	1	1	0	0	0	0	225	0
0	0	0	0.87	0.87	0.19	0.11	0.08	0.07	8976	0.001
0	0	0	1	1	0	0.12	0.09	0.08	317	0
0	0	0	0.83	0.83	0	0	0	0.02	1162	0
0	0	0	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.09	0	0
0	0	0	0	0	0	0	0.13	0.1	0	0
1	0	0	0.98	0.98	0	0	0	0	16273	0
0	0	0	0.99	0.99	0	0	0	0	5001	0
0	0	0	1	1	0.04	0.02	0.02	0.04	8794	0.001
0	0	0	1	1	0	0	0	0	3679	0

0	0	0	1	1	0	0	0	0	0	0
1	0	0	0.95	0.95	0.1	0.06	0.05	0.05	4038	0
0	0	0	0.06	0.06	0	0	0	0.08	0	0
0	0	0	0.03	0.03	0	0	0	0.09	0	0
0	0	0	1	1	0	0	0	0	76	0
0	0	0	1	1	0	0	0	0	0	0
0	0	0	0.67	0.67	0	0	0	0.03	6953	0
0	0	0	1	1	0	0	0	0.04	3164	0
0	0	0	0.48	0.48	0.11	0.07	0.05	0.08	1946	0
0	0	0	0.35	0.35	0	0	0	0.06	2116	0
1	0	0	0.9	0.9	0	0	0.01	0.01	67	0
0	0	0	1	1	0.06	0.04	0.03	0.05	6197	0
0	0	0	0.11	0.11	0	0	0.1	0.09	0	0
1	0	0	0.82	0.82	0	0	0.03	0.02	1320	0
0	0	0	0.92	0.92	0	0	0	0	0	0
0	0.49	0.49	0.49	1	0	0.23	0.16	0.11	3095	0
0	1	1	1	1	0	0	0	0	1235	0
0	0.42	0.42	0.42	1	0	0.04	0.08	0.06	11095	0.001
0	0	0	0	1	0	0	0	0.06	240	0
0	0.83	0.83	0.83	1	0	0.05	0.03	0.02	988	0
0	1	1	1	1	0	0	0	0	65	0
0	0	0	0	1	0	0.27	0.19	0.13	587	0
0	0	0	0	1	0	0.68	0.47	0.33	0	0
0	0.95	0.95	0.95	1	0	0.01	0.01	0.01	11889	0
1	0.99	0.99	0.99	1	0	0	0	0	5480	0
0	0.23	0.23	0.23	1	0	0	0.01	0.03	9577	0.001
1	1	1	1	1	0	0	0	0	1794	0
0	1	1	1	1	0	0	0	0	0	0
0	0.39	0.39	0.39	1	0	0.03	0.05	0.05	28504	0.001
0	0.06	0.06	0.06	1	0	0.26	0.18	0.12	855	0
0	0.03	0.03	0.03	1	0	0.26	0.18	0.13	1241	0
0	1	1	1	1	0	0	0	0	120	0
1	1	1	1	1	0	0	0	0	588	0
0	0.67	0.67	0.67	1	0	0.09	0.06	0.04	10286	0
0	0.49	0.49	0.49	1	0	0	0	0.03	6218	0.001
0	0.21	0.21	0.21	1	0	0.15	0.14	0.09	8621	0
0	0.35	0.35	0.35	1	0	0.18	0.12	0.08	113	0
1	0.9	0.9	0.9	1	0	0.07	0.05	0.03	104	0
0	0.55	0.55	0.55	1	0	0	0.02	0.03	25434	0.001
0	0.11	0.11	0.11	1	0	0.57	0.39	0.27	164	0
0	0.82	0.82	0.82	1	0	0.13	0.09	0.06	448	0
0	0.92	0.92	0.92	1	0	0	0	0	403	0
0	0	0	0.49	0.49	0	0	0	0.01	457	0
0	0	0	1	1	0	0	0	0.03	947	0
0	0	0	0.42	0.87	0	0	0	0.03	55935	0.005
0	0.5	0.5	0.5	1	0	0	0.12	0.11	588	0.001
0	0	0	0.83	0.83	0	0	0	0.02	1368	0
0	0	0	1	1	0	0	0	0.03	48	0
0	0	0	0	0	0	0	0	0	176	0
0	0	0	0	0	0	0	0	0	125	0
1	0	0	0.9	0.94	0	0	0	0.03	14045	0
0	0	0	0.99	0.99	0	0	0	0.03	4364	0
1	0	0	0.11	0.88	0	0	0	0.04	85583	0.006
0	0	0	1	1	0	0	0	0.03	15644	0.002
0	0	0	1	1	0	0	0	0.03	28	0
1	0	0	0.33	0.89	0	0	0	0.04	191769	0.007
0	0	0	0.06	0.06	0	0	0	0	650	0
0	0	0	0.03	0.03	0	0	0	0	976	0
0	0	0	1	1	0	0	0	0.03	2	0

0	0	0	1	1	0	0	0	0.03	2705	0.001
0	0	0	0.67	0.67	0	0	0	0.02	30521	0.001
1	0	0	0	0.51	0	0	0	0.02	15445	0.002
0	0	0	0.21	0.48	0	0	0	0.02	83477	0.004
0	0	0	0.35	0.35	0	0	0	0.01	6697	0.001
0	0	0	0.9	0.9	0	0	0	0.03	369	0
1	0	0	0.28	0.73	0	0	0	0.03	101616	0.002
0	0	0	0.11	0.11	0	0	0	0	51	0
0	0	0	0.82	0.82	0	0	0	0.02	880	0
0	0	0	0.92	0.92	0	0	0	0.03	268	0
0	0	0.49	0.49	0.49	0	0	0	0	0	0
0	0	1	1	1	0	0	0	0	0	0
0	0.44	0.87	0.87	0.87	0	0.44	0.29	0.22	0	0
0	0	0.5	0.5	0.5	0	0	0	0.02	0	0
0	0	0.83	0.83	0.83	0	0	0	0	0	0
0	0	1	1	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0.91	0.91	0.91	0	0	0	0	0	0
0	0	0.99	0.99	0.99	0	0	0	0	0	0
1	0.09	0.19	0.19	0.19	0	0.09	0.06	0.04	0	0
0	0	1	1	1	0	0	0	0	0	0
0	0	1	1	1	0	0	0	0	0	0
1	0.24	0.57	0.57	0.57	0	0.24	0.16	0.12	0	0
0	0	0.06	0.06	0.06	0	0	0	0	0	0
0	0	0.03	0.03	0.03	0	0	0	0	0	0
0	0	1	1	1	0	0	0	0	0	0
0	0	1	1	1	0	0	0	0	0	0
0	0	0.67	0.67	0.67	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0.27	0.48	0.48	0.48	0	0.27	0.18	0.13	0	0
0	0	0.35	0.35	0.35	0	0	0	0	0	0
0	0	0.9	0.9	0.9	0	0	0	0	0	0
1	0.03	0.23	0.23	0.23	0	0.03	0.02	0.02	868	0
0	0	0.11	0.11	0.11	0	0	0	0	0	0
0	0	0.82	0.82	0.82	0	0	0	0	0	0
1	0	0.92	0.92	0.92	0	0	0	0	0	0
0	0.81	1	1	1	0	0.04	0.06	0.06	4006000	0.503
0	1	1	1	1	0	0	0	0.03	706000	0.231
0	1	1	1	1	0.27	0.16	0.11	0.1	3927000	0.354
0	0	0.5	0.5	1	0	0	0	0.04	387000	0.418
0	1	1	1	1	0	0	0.02	0.04	2657000	0.337
0	1	1	1	1	0	0	0	0.03	591000	0.137
0	1	1	1	1	0	0	0.11	0.09	2350000	0.52
0	0.1	1	1	1	0	0.17	0.12	0.09	23269000	0.691
0	0.91	0.92	0.92	0.95	0	0	0	0.03	17572000	0.273
0	1	1	1	1	0	0	0	0.03	11076000	0.31
0	0.19	0.19	0.19	0.88	0.05	0.03	0.02	0.04	6539000	0.496
0	1	1	1	1	0	0	0	0.03	2029000	0.218
0	1	1	1	1	0	0	0	0.03	789000	0.112
1	0.58	0.62	0.62	0.93	0.15	0.1	0.06	0.07	10916000	0.386
0	1	1	1	1	0	0	0.1	0.08	3467000	0.537
0	1	1	1	1	0	0	0.11	0.08	2240000	0.343
0	1	1	1	1	0	0	0	0.03	88000	0.34
0	1	1	1	1	0	0	0	0.03	365000	0.088
0	0.99	1	1	1	0	0	0.04	0.05	9337000	0.299
0	0	0	0	0.51	0	0	0	0.01	3611000	0.392
0	0.99	1	1	1	0.16	0.1	0.12	0.1	6733000	0.282
0	1	1	1	1	0	0	0.07	0.07	1933000	0.394

0	0.9	1	1	1	0	0.02	0.01	0.04	1274000	0.628
0	0.23	0.23	0.23	0.73	0.02	0.01	0.01	0.03	27747000	0.549
0	0.29	1	1	1	0	0.14	0.1	0.08	31247000	0.734
0	0.82	1	1	1	0	0.04	0.02	0.04	1311000	0.491
0	0.92	0.92	0.92	0.92	0	0	0	0.03	2901000	0.119
0	0	0	0	0.49	0	0	0	0	174920	0.022
0	0	0	0	1	0	0	0	0	53921	0.018
0	0	0	0	0.87	0	0	0	0	341833	0.031
0	0	0.5	0.5	0.5	0	0	0	0.05	760	0.001
0	0	0	0	0.83	0	0	0	0	95262	0.012
1	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	7	0
0	0	0	0	0.91	0	0	0	0	1651947	0.026
0	0	0	0	0.99	0	0	0	0	434508	0.012
0	0	0	0	0.19	0	0	0	0	254120	0.019
1	0	0	0	1	0	0	0	0	1202637	0.129
0	0	0	0	1	0	0	0	0	0	0
1	0	0	0	0.57	0	0	0	0	1157287	0.041
0	0	0	0	0.06	0	0	0	0	0	0
0	0	0	0	0.03	0	0	0	0	3230	0
0	0	0	0	1	0	0	0	0	314	0.001
1	0	0	0	1	0	0	0	0	22662	0.005
1	0	0	0	0.67	0	0	0	0	335763	0.011
1	0	0	0	0	0	0	0	0	203034	0.022
0	0	0	0	0.48	0	0	0	0	2769523	0.116
0	0	0	0	0.35	0	0	0	0	155599	0.032
0	0	0	0	0.9	0	0	0	0	42853	0.021
1	0	0	0	0.23	0	0	0	0	469364	0.009
0	0	0	0	0.11	0	0	0	0	0	0
1	0	0	0	0.82	0	0	0	0	19343	0.007
0	0	0	0	0.92	0	0	0	0	73	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
0	0	0	0.44	0.44	0	0	0	0	0	0
0	0	0.5	0.5	0.5	0.5	0.5	0.26	0.17	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
0	0	0	0.09	0.09	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0.24	0.24	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
0	0	0	0.27	0.27	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0.03	0.03	0	0	0	0.01	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0	0	0

0	0	0	0	0	0	0	0	0	855358	0.107
0	0	0	0	0	0	0	0	0	450147	0.147
0	0	0	0	0	0	0	0	0	2501207	0.226
1	0.5	0.5	1	1	0	0	0	0.11	84496	0.091
0	0	0	0	0	0	0	0	0	1822177	0.231
1	0	0	0	0	0	0	0	0	1541404	0.358
0	0	0	0	0	0	0	0	0	279642	0.062
0	0	0	0	0	0	0	0	0	871725	0.026
1	0	0	0.03	0.03	0	0	0	0	12166292	0.189
0	0	0	0	0	0	0	0	0	7546745	0.211
1	0	0	0.68	0.68	0	0	0	0.04	1583807	0.12
0	0	0	0	0	0	0	0	0	3527973	0.379
0	0	0	0	0	0	0	0	0	293100	0.042
1	0	0	0.32	0.32	0	0	0	0.02	5822176	0.206
0	0	0	0	0	0	0	0	0	421390	0.065
0	0	0	0	0	0	0	0	0	865509	0.133
0	0	0	0	0	0	0	0	0	28488	0.11
0	0	0	0	0	0	0	0	0	348316	0.084
0	0	0	0	0	0	0	0	0	4745918	0.152
1	0	0	0.51	0.51	0	0	0	0.03	757430	0.082
0	0	0	0	0	0	0	0	0	6855615	0.288
0	0	0	0	0	0	0	0	0	1008142	0.206
0	0	0	0	0	0	0	0	0	122082	0.06
1	0	0	0.41	0.5	0	0	0	0.02	8669833	0.172
0	0	0	0	0	0	0	0	0	876674	0.021
0	0	0	0	0	0	0	0	0	217513	0.081
0	0	0	0	0	0	0	0	0	3725013	0.153
0	0	0	0	0.49	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0.87	0	0	0	0	0	0
1	0	1	1	1	0	0	0	0.06	0	0
0	0	0	0	0.83	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
1	0	0.03	0.03	0.94	0	0	0	0	0	0
0	0	0	0	0.99	0	0	0	0	0	0
1	0	0.68	0.68	0.88	0	0	0	0.04	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0
1	0	0.32	0.32	0.89	0	0	0	0.02	0	0
0	0	0	0	0.06	0	0	0	0	0	0
0	0	0	0	0.03	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0.67	0	0	0	0	0	0
1	0	0.51	0.51	0.51	0	0	0	0.03	0	0
0	0	0	0	0.48	0	0	0	0	0	0
0	0	0	0	0.35	0	0	0	0	0	0
1	0	0	0	0.9	0	0	0	0	0	0
1	0	0.41	0.41	0.73	0	0	0	0.02	868	0
0	0	0	0	0.11	0	0	0	0	0	0
0	0	0	0	0.82	0	0	0	0	0	0
0	0	0	0	0.92	0	0	0	0	0	0
1	0	0	0	0.81	0	0	0	0	717657	0.09
0	0	0	0	1	0	0	0	0	325907	0.107
1	0	0	0	1	0	0	0	0.02	1639640	0.148
1	0.5	1	1	1	0	0.15	0.16	0.12	61187	0.066
1	0	0	0	1	0	0	0	0	1467115	0.186

1	0	0	0	1	0	0	0	0	1426716	0.331
0	0	0	0	1	0	0	0	0	254511	0.056
0	0	0	0	0.1	0	0	0	0	1117531	0.033
0	0	0.03	0.03	0.98	0	0	0	0	8851243	0.138
1	0	0	0	1	0	0	0	0	5767900	0.162
0	0	0.68	0.68	1	0	0	0.07	0.06	1234546	0.094
1	0	0	0	1	0	0	0	0	2757339	0.296
1	0	0	0	1	0	0	0	0	286916	0.041
1	0	0.32	0.32	0.96	0	0	0.03	0.04	4229681	0.149
0	0	0	0	1	0	0	0	0	391217	0.061
0	0	0	0	1	0	0	0	0	760675	0.116
0	0	0	0	1	0	0	0	0	23658	0.091
0	0	0	0	1	0	0	0	0	221728	0.053
1	0	0	0	0.99	0	0	0	0	4258548	0.136
0	0	0.51	0.51	1	0	0	0.06	0.04	392244	0.043
1	0	0	0	0.99	0	0	0	0.01	5469935	0.229
0	0	0	0	1	0	0	0	0	761156	0.155
0	0	0	0	0.9	0	0	0	0	94027	0.046
1	0	0.41	0.41	1	0	0	0.05	0.04	6438967	0.127
0	0	0	0	0.29	0	0	0	0	963508	0.023
1	0	0	0	0.82	0	0	0	0	153472	0.057
0	0	0	0	0.92	0	0	0	0	3021900	0.124
0	0	0	0.49	0.49	0	0	0.03	0.05	720876	0.091
0	0	0	1	1	0	0	0	0	341371	0.112
1	0	0	0.87	0.87	0.19	0.11	0.08	0.07	1644936	0.148
0	0	0	1	1	0	0.12	0.09	0.08	64148	0.069
1	0	0	0.83	0.83	0	0	0	0.02	1468995	0.186
0	0	0	1	1	0	0	0	0	1427313	0.331
0	0	0	0	0	0	0	0	0.09	254817	0.056
0	0	0	0	0	0	0	0.13	0.1	1118418	0.033
1	0	0	0.98	0.98	0	0	0	0	8956165	0.139
1	0	0	0.99	0.99	0	0	0	0	5784524	0.162
0	0	0	1	1	0.04	0.02	0.02	0.04	1287492	0.098
1	0	0	1	1	0	0	0	0	2774657	0.298
0	0	0	1	1	0	0	0	0	287082	0.041
1	0	0	0.95	0.95	0.1	0.06	0.05	0.05	4438597	0.157
0	0	0	0.06	0.06	0	0	0	0.08	392931	0.061
0	0	0	0.03	0.03	0	0	0	0.09	763610	0.117
0	0	0	1	1	0	0	0	0	23671	0.092
0	0	0	1	1	0	0	0	0	225305	0.054
0	0	0	0.67	0.67	0	0	0	0.03	4284355	0.137
1	0	0	1	1	0	0	0	0.04	408419	0.044
1	0	0	0.48	0.48	0.11	0.07	0.05	0.08	5539631	0.232
1	0	0	0.35	0.35	0	0	0	0.06	767069	0.156
1	0	0	0.9	0.9	0	0	0.01	0.01	94910	0.047
0	0	0	1	1	0.06	0.04	0.03	0.05	6731264	0.133
0	0	0	0.11	0.11	0	0	0.1	0.09	964764	0.023
1	0	0	0.82	0.82	0	0	0.03	0.02	157156	0.059
1	0	0	0.92	0.92	0	0	0	0	3028173	0.124
0	0	0	0.49	0.49	0	0	0	0	62114	0.008
0	0	0	1	1	0	0	0	0	16867	0.006
1	0	0	0.42	0.42	0	0	0	0.02	193651	0.017
1	0.5	0.5	0.5	1	0	0	0.09	0.08	23824	0.026
1	0	0	0.83	0.83	0	0	0	0	33934	0.004
0	0	0	1	1	0	0	0	0	2154	0
0	0	0	0	0	0	0	0	0	8611	0.002
0	0	0	0	0	0	0	0	0	669	0
1	0	0	0.9	0.93	0	0	0	0	1007311	0.016
1	0	0	0.99	0.99	0	0	0	0	158299	0.004

1	0	0	0.11	0.79	0	0	0	0.03	280752	0.021
0	0	0	1	1	0	0	0	0	161662	0.017
0	0	0	1	1	0	0	0	0	1479	0
1	0	0	0.33	0.64	0	0	0	0.02	1252269	0.044
0	0	0	0.06	0.06	0	0	0	0	10814	0.002
0	0	0	0.03	0.03	0	0	0	0	21037	0.003
0	0	0	1	1	0	0	0	0	3469	0.013
0	0	0	1	1	0	0	0	0	18746	0.005
0	0	0	0.67	0.67	0	0	0	0	230246	0.007
1	0	0	0	0.51	0	0	0	0.02	391369	0.042
0	0	0	0.21	0.21	0	0	0	0.01	392341	0.016
0	0	0	0.35	0.35	0	0	0	0	21946	0.004
1	0	0	0.9	0.9	0	0	0	0	23762	0.012
1	0	0	0.2	0.7	0	0	0	0.02	1738101	0.034
0	0	0	0.11	0.11	0	0	0	0	1905	0
1	0	0	0.82	0.82	0	0	0	0	22874	0.009
0	0	0	0.92	0.92	0	0	0	0	15592	0.001
0	0	0	0	0.49	0	0	0	0.01	62382	0.008
0	0	0	0	1	0	0	0	0	39938	0.013
0	0	0	0	0.87	0	0	0	0.02	89690	0.008
0	0	1	1	1	0	0	0	0.1	14124	0.015
0	0	0	0	0.83	0	0	0	0	309967	0.039
0	0	0	0	1	0	0	0	0	137134	0.032
0	0	0	0	0	0	0	0	0	67281	0.015
0	0	0	0	0	0	0	0	0.03	93455	0.003
1	0	0.03	0.03	0.98	0	0	0	0	1584975	0.025
0	0	0	0	0.99	0	0	0	0	1485544	0.042
1	0	0.68	0.68	1	0	0	0	0.09	213898	0.016
0	0	0	0	1	0	0	0	0	232749	0.025
1	0	0	0	1	0	0	0	0	9157	0.001
1	0	0.32	0.32	0.95	0	0	0	0.05	713323	0.025
0	0	0	0	0.06	0	0	0	0	84404	0.013
0	0	0	0	0.03	0	0	0	0	155759	0.024
1	0	0	0	1	0	0	0	0	6380	0.025
1	0	0	0	1	0	0	0	0	42401	0.01
1	0	0	0	0.67	0	0	0	0	967593	0.031
1	0	0.51	0.51	1	0	0	0	0.06	164345	0.018
0	0	0	0	0.48	0	0	0	0.01	404367	0.017
0	0	0	0	0.35	0	0	0	0	127357	0.026
1	0	0	0	0.9	0	0	0	0	11183	0.006
1	0	0.41	0.5	1	0	0	0.02	0.07	1383950	0.027
0	0	0	0	0.11	0	0	0	0.02	93961	0.002
1	0	0	0	0.82	0	0	0	0.01	28377	0.011
1	0	0	0	0.92	0	0	0	0	721753	0.03
1	0	0.49	0.49	0.49	0	0	0	0.02	77154	0.01
1	0	1	1	1	0	0	0	0.04	129685	0.042
1	0	0.42	0.42	0.87	0	0	0	0.04	80710	0.007
1	0	0.5	0.5	1	0	0	0	0.05	4791	0.005
1	0	0.83	0.83	0.83	0	0	0	0.04	88690	0.011
0	0	1	1	1	0	0	0	0.04	48786	0.011
0	0	0	0	0	0	0	0	0	845	0
0	0	0	0	0	0	0	0	0	29474	0.001
1	0	0.9	0.9	0.99	0	0	0	0.04	738795	0.011
0	0	0.99	0.99	0.99	0	0	0	0.04	509115	0.014
1	0	0.11	0.11	1	0	0	0	0.03	153266	0.012
1	0	1	1	1	0	0	0	0.04	133158	0.014
0	0	1	1	1	0	0	0	0.04	20050	0.003
1	0	0.33	0.33	0.95	0	0	0	0.03	706589	0.025
0	0	0.06	0.06	0.06	0	0	0	0	15079	0.002

0	0	0.03	0.03	0.03	0	0	0	0	36497	0.006
0	0	1	1	1	0	0	0	0.04	16	0
1	0	1	1	1	0	0	0	0.04	121739	0.029
1	0	0.67	0.67	0.67	0	0	0	0.03	355083	0.011
1	0	0	0	1	0	0	0	0.01	73010	0.008
1	0	0.21	0.21	0.48	0	0	0	0.02	344420	0.014
0	0	0.35	0.35	0.35	0	0	0	0.02	59190	0.012
0	0	0.9	0.9	0.9	0	0	0	0.04	7456	0.004
1	0	0.2	0.2	1	0	0	0	0.02	644129	0.013
0	0	0.11	0.11	0.11	0	0	0	0	63231	0.001
1	0	0.82	0.82	0.82	0	0	0	0.04	28338	0.011
1	0	0.92	0.92	1	0	0	0	0.04	259560	0.011
1	0	0.32	0.81	1	0	0.03	0.05	0.04	17136	0.002
0	0	0	1	1	0	0	0	0	16725	0.005
1	0	0.13	1	1	0	0	0.01	0.04	59804	0.005
0	1	1	1	1	0	0.09	0.12	0.09	8311	0.009
1	0	0.18	1	1	0	0	0.02	0.01	18478	0.002
0	0	0	1	1	0	0	0	0	2142	0
0	0	1	1	1	0	0	0.09	0.07	8205	0.002
0	0	0.1	0.1	1	0	0.15	0.11	0.08	629	0
1	0.03	0.03	0.94	0.99	0	0	0	0	154014	0.002
1	0	0.01	1	1	0	0	0	0	49364	0.001
1	0.68	0.68	0.88	1	0	0	0.08	0.06	109918	0.008
1	0	0	1	1	0	0	0	0	71627	0.008
0	0	0	1	1	0	0	0	0	1479	0
1	0.32	0.33	0.89	1	0	0.01	0.04	0.05	418639	0.015
0	0	0.94	1	1	0	0	0.09	0.06	10748	0.002
0	0	0.97	1	1	0	0	0.09	0.07	20882	0.003
0	0	0	1	1	0	0	0	0	2143	0.008
0	0	0	1	1	0	0	0	0	17494	0.004
0	0	0.32	0.99	1	0	0	0.03	0.02	229203	0.007
1	0.51	0.51	0.51	1	0	0	0.06	0.04	92149	0.01
1	0	0.51	0.99	1	0	0	0.05	0.05	179897	0.008
1	0	0.65	1	1	0	0	0.06	0.04	7219	0.001
1	0	0	0.9	1	0	0.02	0.01	0.01	7155	0.004
1	0.5	0.5	0.73	1	0.03	0.02	0.06	0.05	854110	0.017
0	0	0.18	0.29	1	0	0.12	0.1	0.07	1905	0
1	0	0	0.82	1	0	0.03	0.02	0.02	7950	0.003
0	0	0	0.92	0.92	0	0	0	0	14486	0.001
1	0	0.49	0.49	0.81	0	0	0	0.03	336430	0.042
1	0	1	1	1	0	0	0	0.04	168730	0.055
1	0	0.42	0.42	1	0	0	0	0.04	1010465	0.091
1	0.5	0.5	0.5	1	0	0	0.06	0.07	58992	0.064
1	0	0.83	0.83	1	0	0	0	0.03	700162	0.089
1	0	1	1	1	0	0	0	0.04	798584	0.185
0	0	0	0	1	0	0	0	0	172250	0.038
0	0	0	0	0.1	0	0	0	0.03	941995	0.028
1	0	0.9	0.9	0.98	0	0	0	0.04	3099149	0.048
0	0	0.99	0.99	1	0	0	0	0.04	2751917	0.077
1	0	0.11	0.11	1	0	0	0	0.04	315772	0.024
0	0	1	1	1	0	0	0	0.04	1036278	0.111
0	0	1	1	1	0	0	0	0.04	214700	0.031
1	0	0.33	0.33	0.96	0	0	0	0.04	1350226	0.048
0	0	0.06	0.06	1	0	0	0	0	217545	0.034
0	0	0.03	0.03	1	0	0	0	0	441533	0.068
0	0	1	1	1	0	0	0	0.04	11356	0.044
1	0	1	1	1	0	0	0	0.04	184383	0.044
0	0	0.67	0.67	0.99	0	0	0	0.03	2086517	0.067
1	0	0	0	1	0	0	0	0.02	187330	0.02

1	0	0.21	0.21	0.99	0	0	0	0.02	1941979	0.081
0	0	0.35	0.35	1	0	0	0	0.01	403898	0.082
1	0	0.9	0.9	0.9	0	0	0	0.04	26847	0.013
1	0	0.2	0.28	1	0	0	0	0.03	4994580	0.099
0	0	0.11	0.11	0.29	0	0	0	0.03	635477	0.015
1	0	0.82	0.82	0.82	0	0	0	0.04	76404	0.029
0	0	0.92	0.92	0.92	0	0	0	0.03	1325802	0.054
0	0	0	0.49	0.81	0	0	0	0.01	769150	0.097
0	0	0	1	1	0	0	0	0.03	355600	0.116
1	0	0	0.42	1	0	0	0	0.01	2425999	0.219
1	0.5	0.5	1	1	0	0	0.07	0.07	74472	0.081
0	0	0	0.83	1	0	0	0	0.03	1747304	0.222
1	0	0	1	1	0	0	0	0.03	1496050	0.347
0	0	0	0	1	0	0	0	0	279679	0.062
0	0	0	0	0.1	0	0	0	0	843582	0.025
1	0	0	0.93	0.98	0	0	0	0.03	10906815	0.17
0	0	0	0.99	1	0	0	0	0.03	7019594	0.197
1	0	0	0.79	1	0	0	0	0.03	1464966	0.111
1	0	0	1	1	0	0	0	0.03	3415918	0.367
0	0	0	1	1	0	0	0	0.03	273192	0.039
1	0	0	0.64	0.96	0	0	0	0.02	4729421	0.167
0	0	0	0.06	1	0	0	0	0	408998	0.063
1	0	0	0.03	1	0	0	0	0	841718	0.129
0	0	0	1	1	0	0	0	0.03	27259	0.105
0	0	0	1	1	0	0	0	0.03	246810	0.059
0	0	0	0.67	0.99	0	0	0	0.02	4489709	0.144
1	0	0	0.51	1	0	0	0	0.02	454088	0.049
1	0	0	0.21	0.99	0	0	0	0.01	6646079	0.279
0	0	0	0.35	1	0	0	0	0.01	965402	0.197
0	0	0	0.9	0.9	0	0	0	0.03	100147	0.049
1	0	0	0.7	1	0	0	0	0.03	7951434	0.157
0	0	0	0.11	0.29	0	0	0	0	827585	0.019
1	0	0	0.82	0.82	0	0	0	0.03	178879	0.067
0	0	0	0.92	0.92	0	0	0	0.03	3562565	0.146
0	0	0	0.49	0.49	0	0	0	0	582601	0.073
1	0	0	1	1	0	0	0	0	309502	0.101
1	0	0	0.42	0.87	0	0	0	0.01	1658150	0.15
1	0	0.5	0.5	1	0	0	0	0.06	32924	0.036
1	0	0	0.83	0.83	0	0	0	0	1202529	0.152
0	0	0	1	1	0	0	0	0	811886	0.188
0	0	0	0	0	0	0	0	0	143242	0.032
0	0	0	0	0	0	0	0	0	293366	0.009
1	0	0	0.9	0.98	0	0	0	0	9377816	0.146
1	0	0	0.99	0.99	0	0	0	0	5097660	0.143
1	0	0	0.11	1	0	0	0	0.03	1484786	0.113
1	0	0	1	1	0	0	0	0	2665727	0.287
0	0	0	1	1	0	0	0	0	100204	0.014
1	0	0	0.33	0.95	0	0	0	0.02	5272036	0.186
0	0	0	0.06	0.06	0	0	0	0	267290	0.041
0	0	0	0.03	0.03	0	0	0	0	494034	0.076
0	0	0	1	1	0	0	0	0	19015	0.074
1	0	0	1	1	0	0	0	0	192014	0.046
1	0	0	0.67	0.67	0	0	0	0	3367441	0.108
1	0	0	0	1	0	0	0	0.02	619009	0.067
1	0	0	0.21	0.48	0	0	0	0.01	5500850	0.231
1	0	0	0.35	0.35	0	0	0	0	659167	0.134
0	0	0	0.9	0.9	0	0	0	0	101102	0.05
1	0	0	0.2	1	0	0	0	0.02	4792507	0.095
0	0	0	0.11	0.11	0	0	0	0	467678	0.011

1	0	0	0.82	0.82	0	0	0	0	153747	0.058
0	0	0	0.92	0.92	0	0	0	0	2573989	0.106
1	0.49	0.49	0.49	0.81	0	0	0.02	0.06	44488	0.006
0	1	1	1	1	0	0	0	0.06	47	0
1	0.42	0.42	0.87	1	0.21	0.09	0.07	0.08	127323	0.011
0	0.5	1	1	1	0	0.18	0.13	0.1	14994	0.016
1	0.83	0.83	0.83	1	0	0	0	0.06	14313	0.002
0	1	1	1	1	0	0	0	0.06	0	0
0	0	0	0	1	0	0	0	0.04	0	0
0	0	0	0	0.1	0	0	0.08	0.06	0	0
1	0.9	0.93	0.94	0.99	0	0.01	0.01	0.06	854410	0.013
1	0.99	0.99	0.99	1	0	0	0	0.06	98884	0.003
1	0.11	0.79	0.88	1	0.04	0.14	0.1	0.08	120860	0.009
1	1	1	1	1	0	0	0	0.06	84634	0.009
0	1	1	1	1	0	0	0	0.06	0	0
1	0.33	0.64	0.89	0.96	0.12	0.11	0.08	0.08	796709	0.028
0	0.06	0.06	0.06	1	0	0	0	0.04	0	0
0	0.03	0.03	0.03	1	0	0	0	0.04	0	0
1	1	1	1	1	0	0	0	0.06	1326	0.005
0	1	1	1	1	0	0	0	0.06	42	0
0	0.67	0.67	0.67	0.99	0	0	0	0.06	0	0
1	0	0.51	0.51	1	0	0.09	0.06	0.05	221721	0.024
1	0.21	0.21	0.48	0.99	0.13	0.06	0.04	0.06	192810	0.008
1	0.35	0.35	0.35	1	0	0	0	0.05	12299	0.003
1	0.9	0.9	0.9	0.9	0	0	0.01	0.06	16411	0.008
1	0.28	0.7	0.73	1	0.02	0.08	0.06	0.06	1154278	0.023
0	0.11	0.11	0.11	0.29	0	0	0.06	0.06	0	0
1	0.82	0.82	0.82	0.82	0	0	0.02	0.06	14903	0.006
1	0.92	0.92	0.92	1	0	0	0	0.06	792	0
1	0	0	1	1	0	0.05	0.07	0.05	22155	0.003
1	0	0	1	1	0	0	0	0	65846	0.022
1	0	0	0.56	1	0	0	0.01	0.01	36094	0.003
0	0.5	0.5	0.5	1	0	0	0	0.04	5941	0.006
1	0	0	1	1	0	0	0.02	0.01	35069	0.004
0	0	0	1	1	0	0	0	0	39618	0.009
1	0	0	1	1	0	0	0.1	0.08	14116	0.003
1	0	0	1	1	0	0.24	0.19	0.14	28158	0.001
1	0.03	0.03	0.95	0.99	0	0	0	0	163458	0.003
1	0	0	1	1	0	0	0	0	282019	0.008
1	0.68	0.68	0.79	1	0	0	0	0.03	85256	0.006
1	0	0	1	1	0	0	0	0	31505	0.003
0	0	0	1	1	0	0	0	0	12528	0.002
1	0.32	0.32	0.69	1	0	0.01	0.01	0.02	217643	0.008
1	0	0	1	1	0	0	0.1	0.07	47450	0.007
1	0	0	1	1	0	0	0.1	0.07	72466	0.011
1	0	0	1	1	0	0	0	0	619	0.002
1	0	0	1	1	0	0	0	0	159744	0.038
1	0	0	1	1	0	0	0.03	0.02	657925	0.021
1	0.51	0.51	0.51	1	0	0	0	0.02	60075	0.007
1	0	0	0.73	1	0	0	0.05	0.04	335208	0.014
1	0	0	1	1	0	0	0.07	0.05	24438	0.005
1	0	0	1	1	0	0.03	0.02	0.01	6498	0.003
1	0.5	0.5	0.7	1	0.04	0.02	0.02	0.03	162284	0.003
0	0	0	1	1	0	0.19	0.16	0.12	29888	0.001
1	0	0	1	1	0	0.05	0.04	0.03	12868	0.005
0	0	0	0.92	0.92	0	0	0	0	142655	0.006
1	0.49	0.49	0.49	1	0.08	0.15	0.1	0.09	389090	0.049
1	1	1	1	1	0	0.22	0.14	0.11	329260	0.108
1	0.42	0.42	0.87	1	0	0.09	0.12	0.1	1253098	0.113

1	0.5	0.5	1	1	0.29	0.17	0.11	0.08	27855	0.03
1	0.83	0.83	0.83	1	0	0.18	0.12	0.1	890263	0.113
1	1	1	1	1	0	0.22	0.14	0.11	729691	0.169
1	0	0	0	1	0	0	0	0.06	94867	0.021
1	0	0	0	1	0.37	0.21	0.14	0.11	241360	0.007
1	0.95	0.95	0.98	1	0	0.2	0.13	0.1	6639621	0.103
1	0.99	0.99	0.99	1	0	0.22	0.14	0.11	3685872	0.103
1	0.23	0.23	1	1	0	0.02	0.03	0.02	1144846	0.087
1	1	1	1	1	0	0.22	0.14	0.11	1376658	0.148
1	1	1	1	1	0	0.22	0.14	0.11	116328	0.017
1	0.39	0.39	0.95	1	0.02	0.08	0.09	0.06	3669127	0.13
1	0.06	0.06	0.06	1	0	0.01	0.01	0.07	221737	0.034
1	0.03	0.03	0.03	1	0	0.01	0	0.07	405865	0.062
0	1	1	1	1	0	0.22	0.14	0.11	15196	0.059
1	1	1	1	1	0	0.22	0.14	0.11	276843	0.067
1	0.67	0.67	0.67	1	0	0.15	0.1	0.09	2863761	0.092
1	0.49	0.49	1	1	0	0	0	0	514858	0.056
1	0.21	0.21	0.48	1	0	0.05	0.07	0.08	2619121	0.11
1	0.35	0.35	0.35	1	0	0.08	0.05	0.08	420597	0.086
1	0.9	0.9	0.9	1	0.04	0.22	0.15	0.11	63803	0.031
1	0.47	0.47	1	1	0	0.04	0.04	0.03	3864897	0.076
1	0.11	0.11	0.11	1	0.29	0.19	0.13	0.11	440794	0.01
1	0.82	0.82	0.82	1	0.07	0.22	0.15	0.11	138829	0.052
1	0.92	0.92	0.92	1	0	0.2	0.13	0.1	2100470	0.086

TVPI
354
3588.7
662.6
16.2
31.4
120.3
49.8
906
170
62
7345.8
281.4
101.4
6608.2
45.8
965.2
0
236.3
1184.4
2228
1798.6
156.8
793.6
1436.8
492.7
2857
313.8
360.4
9062.2
1695.4
630
355.1
173.7
199.8
1457.8
381.8
135.3
29423.4
734.6
184.4
15495.2
109.2
1567.2
5.6
452.1
13806.2
10022.6
4775.2
440.2
3483.2
3674.5

1054.4
5002.6
523.3
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
1238.6
1319.7
0
95.6
9.6
11.1
32.2
20
3.9
788.2
1378
77.8
0
6343.9
146.2
67.2
0.6
17.2
69.4
185
0
2.6
11
1528.4
536.3
1738
12.9
11403.6
24719.4

17463.8
14162.6
4751.7
3098.1
3689.2
4962.6
2014
10174.2
86173.8
12829
176.5
77330.4
4302.6
6932.6
15
250.1
86218
18769.8
42054.6
2405.2
3748.6
5360.7
4502.6
46044
932.1
10.4
588.8
2.2
0
44.2
32.6
145.8
2170.2
20.3
97
287.8
4.8
58.3
66.1
76.4
141.6
0.2
35.8
35.6
21.6
6
2.8
4.6
15.7
1201.6
696.2
301.2
1206
170582.1
14257.6
786.8
11544.3
595.5
3147

3638.6
2995.6
7606.4
55961.8
16472
218
67298.9
700.2
6181.6
5.8
338.5
76272.2
62912.8
61778.8
4829
21924.4
3297.6
5102.2
55324.8
1278.9
1312.6
10601.7
881.4
647.4
347.1
245.3
478.2
9592
1042.2
321.1
10384
1178.4
212.2
9646
1511.6
3800
1.2
371
3096
5754.2
3081.2
486.4
8049.4
2007.8
1569.6
16306.2
685.2
1238.6
1319.7
0
94.2
9.6
11.1
32.2
19.8
3.9
788.1
1378
77.8

0
6250.2
146.2
67.2
0.6
17.2
69.4
185
0
2.6
11
1528.4
536.2
1738
12.9
0
341.8
0
0
0
1.4
0
0
13.2
19.5
0
0
1.1
31.9
0
0
0
1.7
0
0
0
0
0
6
222.8
189.4
42.5
44756.6
11976.1
17914.6
952
12341.6
6856.3
8.8
4169.6
4933.3
11363.6
53584.4
9857.8
13.9
9127.7
1191.2
25852.8
2.4

742.3
73669.4
28933
45603
5515
17087.4
2669.8
1179.4
93902.4
477.7
0
0.5
1
0.2
0
0
0
0
0
0.6
0
0
0.1
6.6
0
0
0
0.2
0
61
0.2
0
0
0.4
0
9.4
0.6
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

0
0
0
0
0
8001.8
189226
10953.2
7041.6
12766.9
611.6
2965.8
4913.4
3476.2
6310.1
22603.4
16273
871.8
50241.6
326.8
1148
2331.8
251.8
32168
124489.8
21070
6558.2
17339
7401.6
18638.2
82603.8
1760
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0
0

13368.8
74780.2
8956.2
4446.4
6863.1
3386.2
7080.2
26629
13557.2
8326.1
25887.2
14476.8
1126.6
45354.2
2647.4
10129.4
2955.6
2077.4
58277.6
29638
23327.6
7089.2
24372.4
9059.6
8011.2
98651
2913.5
622.4
402.4
542.8
263.8
87.1
263.9
23
27.8
143.7
68.6
553.6
1286.6
3
1026.9
181.2
267.2
0.2
6.9
1058.6
10.6
336
302.6
145
153.4
250.9
2841.2
65
781.2
6286
3374.6
2742
71.6

31.2
13.2
63.6
1887.3
535.5
2733
277.8
8.8
17770.8
22
91
2326
123.9
344.2
3747
13647.4
47.6
346.6
1944.9
1558.9
16307.4
674.7
6671.4
26255.2
1824.6
6629.6
86.9
3577.5
18
7920.6
1047.9
4429.7
23755.8
3565.2
235.3
57375.3
293.2
43.4
11
591
1793.4
91539.2
15695.6
328.2
122.6
13705.4
463.4
10019
252.2
23991.4
141115.1
5036.6
5491.4
8395.2
8275.8
27306
143847.6
12317.5
29357

71813
18677.6
1184.4
154295.8
3485.6
12962
115.2
3620.9
86670.2
103688
27548
10782
35739.6
16608.3
46766.6
225676
3082.7
3512
18881.7
1275.2
2000.2
3357.1
3194.1
1653.4
8710.4
5638.7
4381
47963.4
2519
361.7
27515
1396.2
9578.6
2.2
507.1
10758.4
7531.4
2406.8
3807.8
1197.6
8977.7
5675.9
52704.8
1136.1
832.6
54555.2
91.2
1472.6
413.9
3299.6
136.6
15925
2913.2
10685.3
89857.2
242.8
343.7
74393.8
4.2

9.8
1064
2204.1
1562.2
274627.4
7930.4
96.2
17028.6
24761.5
531.1
20195.8
926.8
5245.4
13545.8
679.8
2416.8
2635.5
3211.2
1124
4303.6
1586.1
5115.5
45144.2
2269.4
224.5
27467.7
1442.6
2344.8
0.8
275.3
4708.6
7507.2
744.6
567.6
229.4
8753.6
4877.7
44020.2
778.2
5395.8
64430.1
3757.6
11639.2
2357.3
4185.2
475
17970.2
9101.5
11650.4
110422.4
12259.8
398
89105.9
1016
1894.8
3377.6
2365.8
4346
300224.2

19964.8
6683.2
18692.4
30225.1
923.4
41430.2
1430.9
12728
32415.1
13697
20563.2
3355.2
3637.5
3709.6
15281
9121.8
3780.1
111835.4
9395.4
195.5
64589.5
5931.2
14342.8
2954.4
769.3
30939.2
9270.6
35029.2
6431.2
25601.8
7562.4
4796.7
56889.2
1608.5
61440.6
152109.1
41711
19450.4
16839.1
13108.4
1836.6
36036.4
15075.2
28374.8
236768.8
18936.2
984.8
244904
4331.8
37874.6
4107.6
4571
118952.6
525649.2
131853.6
9177.2
37064.6
53513.4
9087.1

222380.4
4500.8
1.8
12464.4
32.4
126.2
763.8
133.5
518
80.4
273.8
276.7
240.8
352.8
58.5
990.7
84.2
444.2
1.6
356
3639.2
5011
253.2
477.4
319.4
229.3
316.2
8179.2
605.8
0.2
66.5
1
0.2
0.3
0
13.4
5
1.5
0.2
20.6
0
2.6
2.3
2.8
9.8
0
2.4
5.4
122.2
0.8
0.8
0
4.7
0.3
43.6
38.6
840.6
66559.5
5782.4

10986.6
1009.1
683.9
1237
6426
2513.5
927.5
83218.4
529
636.9
114355.2
1078.8
2765.2
3387.4
900.9
13398.4
42467.2
38834.8
627.2
21603
6305.2
3541.4
57440.4
2330

Table S6: Fitted models. Models explaining insect invasions in Europe are based on 29 quarantine species, v
variables TVPI, climate-suitability (CS) and host-availability (HA). All models were generalised mixed linear mo
distributed response variable. Models are ranked by the delta AICc value.

Envelope size (%)	CS (unit)	HA (unit)	Intercept	CS	TVPI	HA	CS:TVPI	CS:HA	TVPI:HA	C:T:H
90	**%area**	**ha**	**-1.62**	**0.77**	**-0.13**	**1.87**	**0.41**	**NA**	**0.61**	**NA**
90	%area	ha	-1.62	0.76	-0.11	1.85	0.35	0.07	0.61	NA
90	**%area**	**ha**	**-1.62**	**0.74**	**0.00**	**1.74**	**NA**	**0.35**	**0.61**	**NA**
90	%area	ha	-1.66	0.86	-0.12	1.87	0.36	0.01	0.63	-0.11
70	area	ha	-1.53	0.63	0.04	1.55	-0.20	NA	0.59	NA
90	prop	ha	-1.47	0.19	-0.03	1.94	0.65	0.25	0.73	0.45
70	area	ha	-1.47	0.61	0.05	1.52	NA	NA	0.54	NA
70	area	ha	-1.53	0.62	0.04	1.53	-0.23	0.05	0.59	NA
70	area	ha	-1.48	0.64	0.05	1.56	NA	-0.11	0.56	NA
90	prop	ha	-1.48	0.39	-0.05	1.91	0.61	NA	0.64	NA
70	area	ha	-1.52	0.50	0.04	1.57	-0.26	0.10	0.57	0.17
90	area	ha	-1.46	0.55	0.01	1.43	NA	NA	0.53	NA
90	prop	ha	-1.48	0.40	-0.05	1.91	0.64	-0.05	0.64	NA
50	area	ha	-1.54	0.66	0.06	1.77	NA	-0.25	0.53	NA
70	area	ha	-1.14	0.64	NA	1.56	NA	NA	NA	NA
50	area	ha	-1.49	0.62	0.07	1.70	NA	NA	0.56	NA
90	area	ha	-1.48	0.55	0.00	1.45	-0.06	NA	0.56	NA
30	area	ha	-1.48	0.41	0.13	2.20	0.29	1.27	1.04	1.13
90	area	ha	-1.46	0.55	0.01	1.44	NA	-0.01	0.53	NA
50	area	ha	-1.54	0.66	0.06	1.77	-0.01	-0.25	0.53	NA
50	area	ha	-1.54	0.61	0.07	1.72	-0.14	NA	0.56	NA
90	area	ha	-1.48	0.54	0.01	1.43	-0.10	0.06	0.55	NA
50	area	ha	-1.53	0.73	0.05	1.75	0.01	-0.28	0.54	-0.09
90	area	ha	-1.14	0.59	NA	1.44	NA	NA	NA	NA
90	area	ha	-1.43	0.40	0.01	1.43	-0.11	0.13	0.50	0.20
50	area	ha	-1.23	0.71	NA	1.84	NA	-0.30	NA	NA
70	%area	ha	-1.57	0.49	0.03	1.87	NA	NA	0.64	NA
50	area	ha	-1.23	0.72	0.22	1.76	NA	-0.30	NA	NA
90	area	ha	-1.15	0.58	0.15	1.39	NA	NA	NA	NA
90	area	ha	-1.15	0.58	NA	1.41	NA	0.06	NA	NA
70	%area	ha	-1.56	0.46	0.02	1.86	NA	0.14	0.66	NA
30	%area	ha	-1.59	0.08	-0.01	2.16	-0.04	1.35	0.97	0.85
70	%area	ha	-1.57	0.49	0.03	1.87	-0.01	NA	0.64	NA
70	%area	ha	-1.57	0.46	0.03	1.84	-0.14	0.24	0.65	NA
70	%area	ha	-1.57	0.47	0.03	1.84	-0.14	0.23	0.65	-0.01
30	%area	ha	-1.51	0.42	0.00	1.82	NA	0.43	0.69	NA
30	prop	ha	-2.05	-3.03	0.86	2.70	5.71	6.01	-0.55	-7.49
50	%area	ha	-1.54	0.39	0.03	1.84	NA	NA	0.61	NA
30	%area	ha	-1.51	0.42	0.00	1.82	0.02	0.42	0.69	NA
50	%area	ha	-1.53	0.40	0.03	1.84	0.09	NA	0.63	NA
50	%area	ha	-1.54	0.39	0.03	1.84	NA	0.04	0.62	NA
50	%area	ha	-1.53	0.40	0.03	1.84	0.11	-0.04	0.63	NA
50	%area	ha	-1.52	0.47	0.01	1.82	0.11	-0.09	0.62	-0.12
50	prop	ha	-1.53	NA	0.02	1.81	NA	NA	0.62	NA
70	prop	ha	-1.53	NA	0.02	1.81	NA	NA	0.62	NA
70	prop	ha	-1.48	0.12	0.01	1.82	0.27	NA	0.64	NA
50	prop	ha	-1.56	-0.14	0.01	1.96	0.25	0.65	0.80	0.62
50	prop	ha	-1.50	0.11	0.01	1.81	0.23	NA	0.65	NA
50	prop	ha	-1.54	-0.06	0.02	1.81	NA	NA	0.62	NA
70	prop	ha	-1.53	-0.04	0.02	1.81	NA	NA	0.62	NA
70	prop	ha	-1.48	0.12	0.01	1.82	0.28	-0.01	0.64	NA
70	prop	ha	-1.51	-0.01	0.00	1.89	0.26	0.27	0.71	0.28
70	prop	ha	-1.53	0.00	0.00	1.82	NA	0.17	0.64	NA

50	prop	ha	-1.52	0.00	0.01	1.81	NA	0.13	0.64	NA
50	prop	ha	-1.50	0.10	0.01	1.80	0.26	-0.06	0.65	NA
90	area	%	-1.05	0.76	0.45	0.54	NA	0.17	NA	NA
90	area	%	-1.05	0.76	0.45	0.54	NA	NA	NA	NA
90	area	%	-0.99	0.76	0.42	0.64	NA	0.18	-0.16	NA
90	area	%	-1.05	0.76	0.45	0.54	-0.01	0.17	NA	NA
90	area	%	-1.01	0.77	0.44	0.63	NA	NA	-0.13	NA
90	area	%	-1.05	0.76	0.45	0.54	0.05	NA	NA	NA
70	area	%	-1.06	0.81	0.55	0.58	-0.19	NA	NA	NA
70	area	%	-1.04	0.78	0.54	0.56	NA	NA	NA	NA
70	area	%	-0.99	0.82	0.52	0.71	-0.19	NA	-0.19	NA
90	area	%	-0.99	0.76	0.42	0.64	-0.01	0.18	-0.16	NA
70	area	%	-0.97	0.79	0.52	0.68	NA	NA	-0.19	NA
90	area	%	-1.00	0.76	0.43	0.63	0.06	NA	-0.14	NA
70	area	%	-1.06	0.81	0.54	0.59	-0.20	0.04	NA	NA
70	area	%	-1.04	0.78	0.54	0.56	NA	-0.02	NA	NA
90	area	%	-1.03	0.79	NA	0.59	NA	0.17	NA	NA
90	area	%	-0.98	0.70	0.41	0.67	0.05	0.06	-0.20	0.16
70	area	%	-0.98	0.82	0.51	0.73	-0.21	0.07	-0.22	NA
90	area	%	-1.03	0.80	NA	0.60	NA	NA	NA	NA
70	area	%	-0.97	0.79	0.52	0.69	NA	0.01	-0.20	NA
70	area	%	-1.01	0.77	0.53	0.69	-0.17	-0.03	-0.19	0.16
90	%area	%	-1.05	0.68	0.49	0.57	0.30	NA	NA	NA
90	%area	%	-1.05	0.68	0.49	0.57	0.28	0.06	NA	NA
90	%area	%	-1.02	0.68	0.47	0.63	0.31	NA	-0.09	NA
50	area	%	-1.02	0.72	0.63	0.57	NA	-0.23	NA	NA
90	%area	%	-1.04	0.70	0.57	0.57	NA	NA	NA	NA
50	area	%	-1.00	0.74	0.61	0.63	NA	NA	NA	NA
30	area	%	-0.03	2.66	0.56	2.54	NA	4.45	NA	NA
50	area	%	-1.06	0.74	0.61	0.65	-0.17	NA	NA	NA
50	area	%	-1.05	0.72	0.63	0.58	-0.09	-0.20	NA	NA
90	%area	%	-1.02	0.68	0.48	0.62	0.29	0.06	-0.08	NA
50	area	%	-0.98	0.72	0.61	0.63	NA	-0.23	-0.10	NA
90	%area	%	-1.04	0.70	0.57	0.57	NA	0.13	NA	NA
30	area	%	-0.04	2.67	0.54	2.64	-0.18	4.69	NA	NA
30	area	%	0.19	3.21	1.49	3.18	2.04	5.86	1.80	4.28
50	area	%	-0.96	0.75	0.59	0.71	NA	NA	-0.13	NA
90	%area	%	-1.01	0.70	0.56	0.62	NA	NA	-0.07	NA
50	area	%	-1.01	0.75	0.60	0.75	-0.18	NA	-0.15	NA
50	area	%	-0.92	0.87	0.54	0.78	-0.24	0.07	-0.26	-0.36
50	area	%	-1.01	0.73	0.61	0.67	-0.11	-0.19	-0.12	NA
30	area	%	-0.03	2.66	0.56	2.55	NA	4.44	-0.02	NA
90	%area	%	-1.01	0.65	0.47	0.65	0.32	0.00	-0.10	0.08
90	%area	%	-1.02	0.70	0.56	0.61	NA	0.13	-0.05	NA
30	area	%	-0.03	2.67	0.54	2.67	-0.18	4.68	-0.04	NA
90	prop	%	-0.86	0.41	0.55	0.91	0.41	0.48	NA	NA
90	prop	%	-0.89	0.25	0.63	0.88	0.67	0.22	0.18	0.62
90	prop	%	-0.83	0.41	0.54	0.96	0.41	0.48	-0.07	NA
90	prop	%	-0.92	0.30	0.58	0.67	0.52	NA	NA	NA
90	prop	%	-0.90	0.30	0.57	0.70	0.52	NA	-0.04	NA
70	%area	%	-0.99	0.39	0.62	0.61	NA	NA	NA	NA
30	%area	%	-0.76	0.78	0.56	1.11	NA	1.20	NA	NA
70	%area	%	-1.00	0.42	0.63	0.62	-0.12	NA	NA	NA
30	%area	%	-0.77	0.80	0.56	1.18	-0.12	1.37	NA	NA
70	%area	%	-0.99	0.40	0.63	0.61	NA	-0.06	NA	NA
70	%area	%	-0.95	0.40	0.61	0.67	NA	NA	-0.09	NA
30	%area	%	-0.75	0.77	0.56	1.13	NA	1.19	-0.04	NA
70	%area	%	-0.97	0.43	0.62	0.69	-0.13	NA	-0.10	NA
70	%area	%	-1.00	0.42	0.63	0.62	-0.11	-0.04	NA	NA

50	%area	%	-0.98	0.36	0.62	0.63	NA	NA	NA	NA
30	%area	%	-0.75	0.80	0.55	1.22	-0.13	1.37	-0.06	NA
70	%area	%	-0.96	0.40	0.62	0.66	NA	-0.06	-0.08	NA
50	%area	%	-0.98	0.35	0.62	0.60	NA	-0.12	NA	NA
70	%area	%	-0.97	0.42	0.62	0.68	-0.12	-0.03	-0.10	NA
50	%area	%	-0.95	0.36	0.61	0.68	NA	NA	-0.08	NA
50	%area	%	-0.98	0.36	0.62	0.63	0.00	NA	NA	NA
30	%area	%	-0.72	0.87	0.51	1.27	-0.23	1.49	-0.13	-0.20
50	%area	%	-0.96	0.35	0.61	0.65	NA	-0.12	-0.07	NA
50	%area	%	-0.97	0.35	0.62	0.60	0.05	-0.14	NA	NA
70	prop	%	-0.87	0.25	0.54	0.91	NA	0.72	NA	NA
50	%area	%	-0.95	0.36	0.61	0.68	0.00	NA	-0.08	NA
50	%area	%	-0.95	0.35	0.61	0.64	0.04	-0.13	-0.07	NA
50	%area	%	-0.89	0.47	0.56	0.73	-0.07	0.07	-0.18	-0.31
70	prop	%	-0.86	0.27	0.55	0.88	0.09	0.63	NA	NA
70	prop	%	-0.83	0.27	0.52	0.99	NA	0.74	-0.11	NA
30	prop	%	-0.97	NA	0.60	0.64	NA	NA	NA	NA
50	prop	%	-0.97	NA	0.60	0.64	NA	NA	NA	NA
70	prop	%	-0.97	NA	0.60	0.64	NA	NA	NA	NA
70	prop	%	-0.83	0.28	0.54	0.95	0.09	0.65	-0.10	NA
50	prop	%	-0.92	0.15	0.57	0.76	NA	0.48	NA	NA
70	prop	%	-0.93	0.08	0.61	0.64	0.21	NA	NA	NA
30	prop	%	-0.95	0.23	0.58	0.68	NA	0.36	NA	NA
30	prop	%	-0.98	0.06	0.59	0.64	NA	NA	NA	NA
50	prop	%	-0.98	-0.06	0.61	0.64	NA	NA	NA	NA
30	prop	%	-0.95	NA	0.60	0.68	NA	NA	-0.05	NA
50	prop	%	-0.95	NA	0.60	0.68	NA	NA	-0.05	NA
70	prop	%	-0.95	NA	0.60	0.68	NA	NA	-0.05	NA
70	prop	%	-0.98	-0.03	0.60	0.64	NA	NA	NA	NA
70	prop	%	-0.75	0.48	0.43	1.10	-0.20	1.03	-0.31	-0.55
30	prop	%	-0.98	0.04	0.59	0.64	0.16	NA	NA	NA
50	prop	%	-0.95	0.04	0.60	0.64	0.15	NA	NA	NA
50	prop	%	-0.91	0.17	0.58	0.74	0.09	0.41	NA	NA
30	prop	%	-0.96	0.20	0.58	0.68	0.13	0.32	NA	NA
50	prop	%	-0.89	0.15	0.56	0.81	NA	0.49	-0.07	NA
30	prop	%	-0.76	1.42	0.43	1.11	-0.78	2.85	-0.42	-2.29
70	prop	%	-0.91	0.08	0.60	0.67	0.21	NA	-0.04	NA
30	prop	%	-0.92	0.23	0.57	0.74	NA	0.38	-0.09	NA
30	prop	%	-0.95	0.06	0.59	0.68	NA	NA	-0.06	NA
50	prop	%	-0.96	-0.06	0.60	0.68	NA	NA	-0.05	NA
30	prop	%	-0.96	0.04	0.58	0.68	0.16	NA	-0.06	NA
50	prop	%	-0.93	0.04	0.60	0.66	0.15	NA	-0.04	NA
30	prop	%	-0.93	0.20	0.57	0.74	0.13	0.34	-0.09	NA
50	prop	%	-0.89	0.18	0.57	0.79	0.08	0.42	-0.06	NA

with explanatory
odels, with binomially

df	ch.AICc	delta
7	**724.4**	**0**
8	726.3	-1.9
7	**727.0**	**-2.6**
9	728.1	-3.7
7	738.4	-14.0
9	738.8	-14.4
6	739.1	-14.7
8	740.3	-15.9
7	740.5	-16.1
7	740.9	-16.5
9	741.1	-16.7
6	742.7	-18.3
8	742.8	-18.5
7	743.0	-18.6
4	743.7	-19.3
6	744.2	-19.8
7	744.5	-20.1
9	744.7	-20.3
7	744.7	-20.3
8	745.0	-20.6
7	745.1	-20.7
8	746.4	-22.1
	746.7	-22.3
4	746.7	-22.3
9	746.8	-22.4
5	747.2	-22.8
6	747.7	-23.3
6	747.8	-23.4
5	748.1	-23.7
5	748.5	-24.1
7	748.8	-24.4
9	749.5	-25.1
7	749.8	-25.4
8	750.1	-25.7
9	752.1	-27.8
7	752.4	-28.1
9	753.8	-29.4
6	754.3	-29.9
8	754.5	-30.1
7	755.8	-31.4
7	756.2	-31.8
8	757.8	-33.4
9	759.4	-35.0
5	760.7	-36.3
5	760.7	-36.3
7	760.7	-36.3
9	761.5	-37.1
7	762.0	-37.6
6	762.5	-38.1
6	762.7	-38.3
8	762.8	-38.4
9	763.1	-38.8
7	763.5	-39.1

7	763.9	-39.5
8	764.0	-39.6
6	776.1	-51.7
5	776.5	-52.1
7	777.5	-53.1
7	778.1	-53.7
6	778.1	-53.8
6	778.4	-54.0
6	778.4	-54.0
5	778.8	-54.4
7	779.5	-55.1
8	779.5	-55.1
6	779.8	-55.4
7	779.9	-55.5
7	780.3	-55.9
6	780.8	-56.4
5	780.9	-56.5
9	781.1	-56.7
8	781.1	-56.7
4	781.6	-57.2
7	781.8	-57.4
9	782.4	-58.0
6	789.1	-64.7
7	790.8	-66.4
7	790.9	-66.5
6	791.0	-66.6
5	792.1	-67.7
5	792.1	-67.7
6	792.3	-67.9
6	792.6	-68.2
7	792.7	-68.3
8	792.7	-68.3
7	792.8	-68.4
6	792.8	-68.4
7	793.2	-68.8
9	793.3	-68.9
6	793.7	-69.3
6	794.0	-69.6
7	794.0	-69.6
9	794.1	-69.7
8	794.3	-69.9
7	794.4	-70.0
9	794.6	-70.2
7	794.8	-70.4
8	795.2	-70.8
7	802.7	-78.3
9	803.4	-79.0
8	804.6	-80.2
6	806.3	-81.9
7	808.3	-83.9
5	811.3	-86.9
6	811.5	-87.1
6	812.3	-87.9
7	812.8	-88.4
6	813.0	-88.6
6	813.1	-88.7
7	813.5	-89.1
7	814.0	-89.6
7	814.2	-89.8

5	814.4	-90.0
8	814.8	-90.4
7	814.9	-90.5
6	815.4	-91.1
8	816.0	-91.6
6	816.3	-91.9
6	816.4	-92.0
9	816.8	-92.4
7	817.3	-92.9
7	817.3	-93.0
6	818.0	-93.6
7	818.3	-93.9
8	819.3	-94.9
9	819.3	-94.9
7	819.7	-95.3
7	819.7	-95.4
4	820.5	-96.1
4	820.5	-96.1
4	820.5	-96.1
8	821.5	-97.1
6	821.5	-97.1
6	821.9	-97.5
6	822.1	-97.7
5	822.1	-97.7
5	822.2	-97.9
5	822.4	-98.0
5	822.4	-98.0
5	822.4	-98.0
5	822.4	-98.0
9	822.7	-98.3
6	822.7	-98.3
6	823.0	-98.6
7	823.2	-98.8
7	823.2	-98.8
7	823.4	-99.0
9	823.6	-99.2
7	823.8	-99.4
7	823.9	-99.5
6	824.0	-99.6
6	824.2	-99.8
7	824.7	-100.3
7	825.0	-100.6
8	825.1	-100.7
8	825.1	-100.8

Table S7: Climate-Suitability (CS) for all species-country combinations, 90% envelope, for each

1951-2000	Bemisia tabaci	Helicoverpa armigera	Thrips palmi	Spodoptera littoralis	Liriomyza huidobrensis	Liriomyza trifolii
Albania	90.9%	100.0%	54.5%	36.4%	90.9%	100.0%
Armenia	7.1%	78.6%	71.4%	7.1%	7.1%	100.0%
Austria	48.6%	81.1%	100.0%	0.0%	48.6%	81.1%
Azerbaijan	72.2%	94.4%	66.7%	41.7%	72.2%	100.0%
Belarus	0.0%	100.0%	100.0%	0.0%	0.0%	100.0%
Belgium	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Bosnia and Herzegovina	95.8%	100.0%	95.8%	0.0%	95.8%	100.0%
Bulgaria	86.7%	100.0%	100.0%	0.0%	86.7%	100.0%
Croatia	100.0%	100.0%	100.0%	4.0%	100.0%	100.0%
Cyprus	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
CzechRepublic	82.5%	100.0%	100.0%	0.0%	82.5%	100.0%
Denmark	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Estonia	0.0%	100.0%	100.0%	0.0%	0.0%	100.0%
Faroe Islands	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Finland	0.0%	9.8%	100.0%	0.0%	0.0%	9.8%
France	98.1%	98.1%	94.9%	3.1%	98.8%	98.1%
Georgia	36.7%	90.0%	100.0%	0.0%	36.7%	90.0%
Germany	99.4%	100.0%	100.0%	0.0%	99.4%	100.0%
Greece	100.0%	100.0%	87.7%	68.4%	100.0%	100.0%
Hungary	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Iceland	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
Ireland	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Italy	95.1%	95.9%	93.5%	31.7%	95.1%	95.9%
Latvia	5.6%	100.0%	100.0%	0.0%	5.6%	100.0%
Lithuania	2.6%	100.0%	100.0%	0.0%	2.6%	100.0%
Luxembourg	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Malta	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montenegro	50.0%	100.0%	100.0%	0.0%	50.0%	100.0%
Netherlands	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Norway	6.7%	12.3%	94.4%	0.0%	11.3%	12.3%
Poland	67.5%	99.4%	100.0%	0.0%	67.5%	99.4%
Portugal	100.0%	100.0%	51.3%	51.3%	100.0%	100.0%
Republic of Moldova	63.2%	100.0%	100.0%	0.0%	63.2%	100.0%
Romania	47.7%	99.1%	100.0%	0.0%	47.7%	99.1%
Serbia	94.7%	100.0%	100.0%	0.0%	94.7%	100.0%
Slovakia	34.8%	100.0%	100.0%	0.0%	34.8%	100.0%
Slovenia	90.0%	90.0%	100.0%	0.0%	90.0%	90.0%
Spain	100.0%	100.0%	64.2%	50.2%	100.0%	100.0%
Sweden	11.2%	29.2%	100.0%	0.0%	11.2%	29.2%
Switzerland	81.8%	81.8%	100.0%	0.0%	81.8%	81.8%
The former Yugoslav Republic of	100.0%	100.0%	90.0%	0.0%	100.0%	100.0%
Turkey	74.6%	84.8%	58.5%	37.8%	74.6%	84.8%
Ukraine	12.5%	92.3%	92.9%	0.0%	12.5%	99.3%
UnitedKingdom	91.7%	91.7%	91.7%	0.0%	100.0%	91.7%

2001-2025	Bemisia tabaci	Helicoverpa armigera	Thrips palmi	Spodoptera littoralis	Liriomyza huidobrensis	Liriomyza trifolii
Albania	100.0%	100.0%	81.8%	27.3%	100.0%	100.0%
Armenia	14.3%	71.4%	64.3%	7.1%	14.3%	100.0%
Austria	59.0%	79.5%	100.0%	0.0%	59.0%	79.5%
Azerbaijan	80.6%	94.4%	44.4%	52.8%	80.6%	100.0%
Belarus	3.6%	100.0%	100.0%	0.0%	3.6%	100.0%
Belgium	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Bosnia and Herzegovina	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Bulgaria	97.8%	100.0%	100.0%	0.0%	97.8%	100.0%
Croatia	100.0%	100.0%	100.0%	4.0%	100.0%	100.0%
Cyprus	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
CzechRepublic	95.0%	100.0%	100.0%	0.0%	95.0%	100.0%
Denmark	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Estonia	7.4%	100.0%	100.0%	0.0%	7.4%	100.0%
Faroe Islands	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Finland	0.0%	34.7%	100.0%	0.0%	0.0%	34.7%
France	98.8%	98.8%	98.1%	2.7%	99.2%	98.8%
Georgia	40.0%	93.3%	100.0%	0.0%	40.0%	93.3%
Germany	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Greece	100.0%	100.0%	94.7%	75.4%	100.0%	100.0%
Hungary	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Iceland	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
Ireland	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Italy	94.4%	94.4%	96.8%	44.8%	94.4%	94.4%
Latvia	27.8%	100.0%	100.0%	0.0%	27.8%	100.0%
Lithuania	18.4%	100.0%	100.0%	0.0%	18.4%	100.0%
Luxembourg	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Malta	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montenegro	83.3%	100.0%	100.0%	0.0%	83.3%	100.0%
Netherlands	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Norway	11.1%	22.2%	95.7%	0.0%	14.5%	22.2%
Poland	92.9%	100.0%	100.0%	0.0%	92.9%	100.0%
Portugal	100.0%	100.0%	78.4%	78.4%	100.0%	100.0%
Republic of Moldova	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Romania	67.0%	100.0%	100.0%	0.0%	67.0%	100.0%
Serbia	97.4%	100.0%	100.0%	0.0%	97.4%	100.0%
Slovakia	52.2%	100.0%	100.0%	0.0%	52.2%	100.0%
Slovenia	90.0%	90.0%	100.0%	0.0%	90.0%	90.0%
Spain	100.0%	100.0%	72.1%	59.1%	100.0%	100.0%
Sweden	22.9%	35.5%	100.0%	0.0%	22.9%	35.5%
Switzerland	66.7%	66.7%	100.0%	0.0%	66.7%	66.7%
The former Yugoslav Republic of	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Turkey	78.3%	83.9%	58.8%	57.3%	78.3%	83.9%
Ukraine	27.6%	68.4%	68.0%	0.3%	27.6%	100.0%
UnitedKingdom	97.0%	97.0%	97.0%	0.0%	100.0%	97.0%

2026-2050	Bemisia tabaci	Helicoverpa armigera	Thrips palmi	Spodoptera littoralis	Liriomyza huidobrensis	Liriomyza trifolii
Albania	100.0%	100.0%	72.7%	45.5%	100.0%	100.0%
Armenia	28.6%	57.1%	35.7%	21.4%	28.6%	100.0%
Austria	79.5%	89.7%	100.0%	0.0%	79.5%	89.7%
Azerbaijan	83.3%	94.4%	44.4%	55.6%	83.3%	100.0%
Belarus	21.4%	100.0%	100.0%	0.0%	21.4%	100.0%
Belgium	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Bosnia and Herzegovina	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Bulgaria	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Croatia	100.0%	100.0%	100.0%	4.0%	100.0%	100.0%
Cyprus	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
CzechRepublic	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Denmark	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Estonia	7.4%	100.0%	100.0%	0.0%	7.4%	100.0%
Faroe Islands	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Finland	0.0%	58.8%	100.0%	0.0%	0.0%	58.8%
France	99.6%	100.0%	97.7%	5.4%	99.6%	100.0%
Georgia	40.0%	83.3%	90.0%	0.0%	40.0%	93.3%
Germany	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Greece	100.0%	100.0%	93.0%	80.7%	100.0%	100.0%
Hungary	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Iceland	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
Ireland	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Italy	93.8%	96.1%	99.2%	46.1%	93.8%	96.1%
Latvia	41.7%	100.0%	100.0%	0.0%	41.7%	100.0%
Lithuania	63.2%	100.0%	100.0%	0.0%	63.2%	100.0%
Luxembourg	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Malta	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montenegro	100.0%	100.0%	100.0%	16.7%	100.0%	100.0%
Netherlands	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Norway	13.6%	23.9%	94.4%	0.0%	19.2%	23.9%
Poland	99.4%	100.0%	100.0%	0.0%	99.4%	100.0%
Portugal	100.0%	100.0%	94.6%	94.6%	100.0%	100.0%
Republic of Moldova	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Romania	78.0%	100.0%	100.0%	0.0%	78.0%	100.0%
Serbia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Slovakia	78.3%	100.0%	100.0%	0.0%	78.3%	100.0%
Slovenia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Spain	100.0%	100.0%	74.4%	65.1%	100.0%	100.0%
Sweden	25.5%	39.9%	100.0%	0.0%	25.5%	39.9%
Switzerland	68.8%	68.8%	100.0%	0.0%	68.8%	68.8%
The former Yugoslav Republic of	100.0%	100.0%	90.0%	0.0%	100.0%	100.0%
Turkey	86.1%	90.4%	68.4%	69.7%	86.1%	90.7%
Ukraine	68.4%	80.8%	80.5%	0.3%	68.4%	100.0%
UnitedKingdom	98.5%	98.5%	97.7%	0.0%	100.0%	98.5%

2051-2075	Bemisia tabaci	Helicoverpa armigera	Thrips palmi	Spodoptera littoralis	Liriomyza huidobrensis	Liriomyza trifolii
Albania	100.0%	100.0%	100.0%	81.8%	100.0%	100.0%
Armenia	42.9%	42.9%	14.3%	28.6%	42.9%	100.0%
Austria	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Azerbaijan	88.9%	91.7%	63.9%	77.8%	88.9%	100.0%
Belarus	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Belgium	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Bosnia and Herzegovina	100.0%	100.0%	100.0%	12.5%	100.0%	100.0%
Bulgaria	100.0%	100.0%	100.0%	6.7%	100.0%	100.0%
Croatia	100.0%	100.0%	100.0%	4.0%	100.0%	100.0%
Cyprus	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
CzechRepublic	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Denmark	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Estonia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Faroe Islands	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Finland	38.8%	87.8%	100.0%	0.0%	38.8%	87.8%
France	100.0%	100.0%	94.6%	19.1%	100.0%	100.0%
Georgia	53.3%	76.7%	76.7%	0.0%	53.3%	100.0%
Germany	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Greece	100.0%	100.0%	93.0%	89.5%	100.0%	100.0%
Hungary	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Iceland	2.3%	2.3%	2.3%	0.0%	100.0%	2.3%
Ireland	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Italy	96.2%	96.2%	100.0%	53.4%	96.2%	96.2%
Latvia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Lithuania	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Luxembourg	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Malta	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montenegro	100.0%	100.0%	100.0%	16.7%	100.0%	100.0%
Netherlands	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Norway	33.9%	45.1%	96.4%	0.0%	37.5%	45.1%
Poland	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Portugal	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Republic of Moldova	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Romania	96.3%	100.0%	95.4%	4.6%	96.3%	100.0%
Serbia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Slovakia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Slovenia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Spain	100.0%	100.0%	85.6%	85.6%	100.0%	100.0%
Sweden	35.4%	70.1%	100.0%	0.0%	35.4%	70.1%
Switzerland	88.2%	88.2%	100.0%	0.0%	88.2%	88.2%
The former Yugoslav Republic of	100.0%	100.0%	90.0%	20.0%	100.0%	100.0%
Turkey	92.3%	93.8%	70.9%	90.4%	92.3%	96.0%
Ukraine	99.7%	100.0%	97.0%	3.0%	99.7%	100.0%
UnitedKingdom	100.0%	100.0%	96.2%	0.0%	100.0%	100.0%

2076-2100	Bemisia tabaci	Helicoverpa armigera	Thrips palmi	Spodoptera littoralis	Liriomyza huidobrensis	Liriomyza trifolii
Albania	100.0%	100.0%	100.0%	90.9%	100.0%	100.0%
Armenia	64.3%	64.3%	28.6%	50.0%	64.3%	100.0%
Austria	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Azerbaijan	91.7%	91.7%	83.3%	77.8%	91.7%	100.0%
Belarus	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Belgium	100.0%	100.0%	100.0%	5.6%	100.0%	100.0%
Bosnia and Herzegovina	100.0%	100.0%	100.0%	12.5%	100.0%	100.0%
Bulgaria	100.0%	100.0%	66.7%	35.6%	100.0%	100.0%
Croatia	100.0%	100.0%	100.0%	8.0%	100.0%	100.0%
Cyprus	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
CzechRepublic	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Denmark	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Estonia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Faroe Islands	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Finland	51.4%	99.6%	100.0%	0.0%	51.4%	99.6%
France	100.0%	100.0%	98.1%	52.5%	100.0%	100.0%
Georgia	63.3%	70.0%	70.0%	3.3%	63.3%	100.0%
Germany	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Greece	100.0%	100.0%	93.0%	94.7%	100.0%	100.0%
Hungary	100.0%	100.0%	86.7%	13.3%	100.0%	100.0%
Iceland	3.2%	3.2%	3.2%	0.0%	100.0%	3.2%
Ireland	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Italy	99.2%	99.2%	100.0%	54.2%	99.2%	99.2%
Latvia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Lithuania	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Luxembourg	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Malta	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Montenegro	100.0%	100.0%	100.0%	16.7%	100.0%	100.0%
Netherlands	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Norway	44.9%	76.0%	98.7%	0.0%	46.2%	76.0%
Poland	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Portugal	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Republic of Moldova	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Romania	100.0%	100.0%	76.1%	23.9%	100.0%	100.0%
Serbia	100.0%	100.0%	97.4%	7.9%	100.0%	100.0%
Slovakia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Slovenia	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
Spain	100.0%	100.0%	93.5%	87.0%	100.0%	100.0%
Sweden	40.2%	90.7%	100.0%	0.0%	40.2%	90.7%
Switzerland	94.1%	94.1%	100.0%	0.0%	94.1%	94.1%
The former Yugoslav Republic of	100.0%	100.0%	60.0%	60.0%	100.0%	100.0%
Turkey	97.8%	97.8%	69.7%	94.7%	97.8%	99.7%
Ukraine	100.0%	100.0%	95.6%	4.4%	100.0%	100.0%
UnitedKingdom	100.0%	100.0%	90.2%	5.3%	100.0%	100.0%

25 year time period between 1975 and 2100

Bactrocera dorsalis	Leucinodes orbonalis	Liriomyza sativae	Rhynchophorus ferrugineus	Bactrocera zonata	Diaphania indica	Cryptophlebia leucotreta	Spodoptera litura	Opogona sacchari
54.5%	9.1%	90.9%	45.5%	45.5%	18.2%	0.0%	54.5%	9.1%
71.4%	0.0%	7.1%	7.1%	0.0%	71.4%	0.0%	100.0%	0.0%
100.0%	48.6%	48.6%	48.6%	48.6%	81.1%	0.0%	100.0%	48.6%
66.7%	30.6%	72.2%	72.2%	44.4%	52.8%	0.0%	100.0%	30.6%
100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
95.8%	91.7%	95.8%	91.7%	91.7%	95.8%	0.0%	95.8%	91.7%
100.0%	86.7%	86.7%	86.7%	86.7%	100.0%	0.0%	100.0%	86.7%
100.0%	96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	100.0%	96.0%
100.0%	50.0%	100.0%	100.0%	100.0%	50.0%	0.0%	100.0%	50.0%
100.0%	82.5%	82.5%	82.5%	82.5%	100.0%	0.0%	100.0%	82.5%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	0.0%	9.8%	0.0%	100.0%	0.0%
94.9%	90.7%	98.8%	93.8%	93.8%	90.7%	0.0%	94.9%	90.7%
100.0%	36.7%	36.7%	36.7%	36.7%	90.0%	0.0%	100.0%	36.7%
100.0%	99.4%	99.4%	99.4%	99.4%	100.0%	0.0%	100.0%	99.4%
87.7%	19.3%	100.0%	87.7%	87.7%	19.3%	0.0%	87.7%	19.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
93.5%	56.9%	95.1%	88.6%	88.6%	57.7%	0.0%	93.5%	56.9%
100.0%	5.6%	5.6%	5.6%	5.6%	100.0%	0.0%	100.0%	5.6%
100.0%	2.6%	2.6%	2.6%	2.6%	100.0%	0.0%	100.0%	2.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	50.0%	50.0%	50.0%	50.0%	100.0%	0.0%	100.0%	50.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
94.4%	6.7%	11.3%	6.7%	6.7%	12.3%	0.0%	94.4%	6.7%
100.0%	67.5%	67.5%	67.5%	67.5%	99.4%	0.0%	100.0%	67.5%
51.3%	0.0%	100.0%	51.3%	51.3%	0.0%	0.0%	51.3%	0.0%
100.0%	63.2%	63.2%	63.2%	63.2%	100.0%	0.0%	100.0%	63.2%
100.0%	47.7%	47.7%	47.7%	47.7%	99.1%	0.0%	100.0%	47.7%
100.0%	94.7%	94.7%	94.7%	94.7%	100.0%	0.0%	100.0%	94.7%
100.0%	34.8%	34.8%	34.8%	34.8%	100.0%	0.0%	100.0%	34.8%
100.0%	90.0%	90.0%	90.0%	90.0%	90.0%	0.0%	100.0%	90.0%
64.2%	22.8%	100.0%	73.0%	64.2%	22.8%	0.0%	73.0%	22.8%
100.0%	11.2%	11.2%	11.2%	11.2%	29.2%	0.0%	100.0%	11.2%
100.0%	81.8%	81.8%	81.8%	81.8%	81.8%	0.0%	100.0%	81.8%
90.0%	90.0%	100.0%	90.0%	90.0%	90.0%	0.0%	90.0%	90.0%
58.5%	12.4%	74.6%	50.2%	48.3%	22.6%	0.0%	60.4%	12.4%
92.9%	12.5%	12.5%	12.5%	12.5%	92.3%	0.0%	100.0%	12.5%
91.7%	91.7%	100.0%	91.7%	91.7%	91.7%	0.0%	91.7%	91.7%

Bactrocera dorsalis	Leucinodes orbonalis	Liriomyza sativae	Rhynchophorus ferrugineus	Bactrocera zonata	Diaphania indica	Cryptophlebia leucotreta	Spodoptera litura	Opogona sacchari
81.8%	54.5%	100.0%	81.8%	81.8%	54.5%	0.0%	81.8%	54.5%
64.3%	7.1%	14.3%	14.3%	7.1%	64.3%	0.0%	100.0%	7.1%
100.0%	59.0%	59.0%	59.0%	59.0%	79.5%	0.0%	100.0%	59.0%
44.4%	27.8%	80.6%	80.6%	30.6%	41.7%	0.0%	100.0%	27.8%
100.0%	3.6%	3.6%	3.6%	3.6%	100.0%	0.0%	100.0%	3.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	97.8%	97.8%	97.8%	97.8%	100.0%	0.0%	100.0%	97.8%
100.0%	96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	100.0%	96.0%
100.0%	25.0%	100.0%	100.0%	100.0%	25.0%	0.0%	100.0%	25.0%
100.0%	95.0%	95.0%	95.0%	95.0%	100.0%	0.0%	100.0%	95.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	7.4%	7.4%	7.4%	7.4%	100.0%	0.0%	100.0%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	0.0%	34.7%	0.0%	100.0%	0.0%
98.1%	94.6%	99.2%	97.3%	97.3%	94.6%	0.0%	98.1%	94.6%
100.0%	40.0%	40.0%	40.0%	40.0%	93.3%	0.0%	100.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
94.7%	19.3%	100.0%	94.7%	94.7%	19.3%	0.0%	94.7%	19.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
96.8%	46.4%	94.4%	91.2%	91.2%	46.4%	0.0%	96.8%	46.4%
100.0%	27.8%	27.8%	27.8%	27.8%	100.0%	0.0%	100.0%	27.8%
100.0%	18.4%	18.4%	18.4%	18.4%	100.0%	0.0%	100.0%	18.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	83.3%	83.3%	83.3%	100.0%	0.0%	100.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
95.7%	11.1%	14.5%	11.1%	11.1%	22.2%	0.0%	95.7%	11.1%
100.0%	92.9%	92.9%	92.9%	92.9%	100.0%	0.0%	100.0%	92.9%
78.4%	0.0%	100.0%	78.4%	78.4%	0.0%	0.0%	78.4%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	67.0%	67.0%	67.0%	67.0%	100.0%	0.0%	100.0%	67.0%
100.0%	97.4%	97.4%	97.4%	97.4%	100.0%	0.0%	100.0%	97.4%
100.0%	52.2%	52.2%	52.2%	52.2%	100.0%	0.0%	100.0%	52.2%
100.0%	90.0%	90.0%	90.0%	90.0%	90.0%	0.0%	100.0%	90.0%
72.1%	24.7%	100.0%	82.8%	72.1%	24.7%	0.0%	82.8%	24.7%
100.0%	22.9%	22.9%	22.9%	22.9%	35.5%	0.0%	100.0%	22.9%
100.0%	66.7%	66.7%	66.7%	66.7%	66.7%	0.0%	100.0%	66.7%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
58.8%	4.3%	78.3%	61.3%	53.3%	9.9%	0.0%	66.9%	4.3%
68.0%	27.3%	27.6%	27.6%	27.3%	68.0%	0.0%	100.0%	27.3%
97.0%	97.0%	100.0%	97.0%	97.0%	97.0%	0.0%	97.0%	97.0%

Bactrocera dorsalis	Leucinodes orbonalis	Liriomyza sativae	Rhynchophorus ferrugineus	Bactrocera zonata	Diaphania indica	Cryptophlebia leucotreta	Spodoptera litura	Opogona sacchari
72.7%	27.3%	100.0%	72.7%	72.7%	27.3%	0.0%	72.7%	27.3%
35.7%	7.1%	28.6%	28.6%	7.1%	35.7%	0.0%	100.0%	7.1%
100.0%	79.5%	79.5%	79.5%	79.5%	89.7%	0.0%	100.0%	79.5%
44.4%	30.6%	83.3%	83.3%	33.3%	41.7%	0.0%	100.0%	30.6%
100.0%	21.4%	21.4%	21.4%	21.4%	100.0%	0.0%	100.0%	21.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	100.0%	96.0%
100.0%	75.0%	100.0%	100.0%	100.0%	75.0%	0.0%	100.0%	75.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	7.4%	7.4%	7.4%	7.4%	100.0%	0.0%	100.0%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	0.0%	58.8%	0.0%	100.0%	0.0%
97.7%	91.8%	99.6%	97.3%	97.3%	92.2%	0.0%	97.7%	91.8%
90.0%	40.0%	40.0%	40.0%	40.0%	83.3%	0.0%	100.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
93.0%	17.5%	100.0%	98.2%	93.0%	17.5%	0.0%	98.2%	17.5%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
99.2%	46.9%	93.8%	93.0%	93.0%	49.2%	0.0%	99.2%	46.9%
100.0%	41.7%	41.7%	41.7%	41.7%	100.0%	0.0%	100.0%	41.7%
100.0%	63.2%	63.2%	63.2%	63.2%	100.0%	0.0%	100.0%	63.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	100.0%	100.0%	83.3%	0.0%	100.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
94.4%	13.6%	19.2%	13.6%	13.6%	23.9%	0.0%	94.4%	13.6%
100.0%	99.4%	99.4%	99.4%	99.4%	100.0%	0.0%	100.0%	99.4%
94.6%	0.0%	100.0%	94.6%	94.6%	0.0%	0.0%	94.6%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	78.0%	78.0%	78.0%	78.0%	100.0%	0.0%	100.0%	78.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	78.3%	78.3%	78.3%	78.3%	100.0%	0.0%	100.0%	78.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
74.4%	28.8%	100.0%	90.7%	74.4%	28.8%	0.0%	90.7%	28.8%
100.0%	25.5%	25.5%	25.5%	25.5%	39.9%	0.0%	100.0%	25.5%
100.0%	68.8%	68.8%	68.8%	68.8%	68.8%	0.0%	100.0%	68.8%
90.0%	90.0%	100.0%	90.0%	90.0%	90.0%	0.0%	90.0%	90.0%
68.4%	6.8%	86.1%	75.5%	64.1%	11.1%	0.0%	80.2%	6.8%
80.5%	68.0%	68.4%	68.4%	68.0%	80.5%	0.0%	100.0%	68.0%
97.7%	97.7%	100.0%	97.7%	97.7%	97.7%	0.0%	97.7%	97.7%

Bactrocera dorsalis	Leucinodes orbonalis	Liriomyza sativae	Rhynchophorus ferrugineus	Bactrocera zonata	Diaphania indica	Cryptophlebia leucotreta	Spodoptera litura	Opogona sacchari
100.0%	18.2%	100.0%	100.0%	100.0%	18.2%	0.0%	100.0%	18.2%
14.3%	14.3%	42.9%	42.9%	14.3%	14.3%	0.0%	100.0%	14.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
63.9%	50.0%	88.9%	88.9%	61.1%	52.8%	0.0%	100.0%	50.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	87.5%	100.0%	100.0%	100.0%	87.5%	0.0%	100.0%	87.5%
100.0%	93.3%	100.0%	100.0%	100.0%	93.3%	0.0%	100.0%	93.3%
100.0%	96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	100.0%	96.0%
100.0%	75.0%	100.0%	100.0%	100.0%	75.0%	0.0%	100.0%	75.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	38.8%	38.8%	38.8%	38.8%	87.8%	0.0%	100.0%	38.8%
94.6%	75.5%	100.0%	94.6%	94.6%	75.5%	0.0%	94.6%	75.5%
76.7%	53.3%	53.3%	53.3%	53.3%	76.7%	0.0%	100.0%	53.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
93.0%	12.3%	100.0%	100.0%	93.0%	12.3%	0.0%	100.0%	12.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
2.3%	2.3%	100.0%	2.3%	2.3%	2.3%	0.0%	2.3%	2.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	42.7%	96.2%	96.2%	96.2%	42.7%	0.0%	100.0%	42.7%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	100.0%	100.0%	83.3%	0.0%	100.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
96.4%	33.9%	37.5%	33.9%	33.9%	45.1%	0.0%	96.4%	33.9%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
95.4%	91.7%	96.3%	96.3%	91.7%	95.4%	0.0%	100.0%	91.7%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
85.6%	24.7%	100.0%	98.6%	85.6%	24.7%	0.0%	98.6%	24.7%
100.0%	35.4%	35.4%	35.4%	35.4%	70.1%	0.0%	100.0%	35.4%
100.0%	88.2%	88.2%	88.2%	88.2%	88.2%	0.0%	100.0%	88.2%
90.0%	80.0%	100.0%	100.0%	90.0%	80.0%	0.0%	100.0%	80.0%
70.9%	2.8%	92.3%	92.3%	69.3%	4.3%	0.0%	96.0%	2.8%
97.0%	96.6%	99.7%	99.7%	96.6%	97.0%	0.0%	100.0%	96.6%
96.2%	96.2%	100.0%	96.2%	96.2%	96.2%	0.0%	96.2%	96.2%

Bactrocera dorsalis	Leucinodes orbonalis	Liriomyza sativae	Rhynchophorus ferrugineus	Bactrocera zonata	Diaphania indica	Cryptophlebia leucotreta	Spodoptera litura	Opogona sacchari
100.0%	9.1%	100.0%	100.0%	100.0%	9.1%	0.0%	100.0%	9.1%
28.6%	14.3%	64.3%	64.3%	35.7%	21.4%	0.0%	100.0%	14.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
83.3%	77.8%	91.7%	91.7%	83.3%	77.8%	0.0%	100.0%	77.8%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	94.4%	100.0%	100.0%	100.0%	94.4%	0.0%	100.0%	94.4%
100.0%	87.5%	100.0%	100.0%	100.0%	87.5%	0.0%	100.0%	87.5%
66.7%	64.4%	100.0%	100.0%	66.7%	64.4%	0.0%	100.0%	64.4%
100.0%	92.0%	100.0%	100.0%	100.0%	92.0%	0.0%	100.0%	92.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	51.4%	51.4%	51.4%	51.4%	99.6%	0.0%	100.0%	51.4%
98.1%	45.5%	100.0%	98.1%	98.1%	45.5%	0.0%	98.1%	45.5%
70.0%	63.3%	63.3%	63.3%	63.3%	70.0%	0.0%	100.0%	63.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
93.0%	19.3%	100.0%	100.0%	93.0%	19.3%	0.0%	100.0%	19.3%
86.7%	86.7%	100.0%	100.0%	86.7%	86.7%	0.0%	100.0%	86.7%
3.2%	3.2%	100.0%	3.2%	3.2%	3.2%	0.0%	3.2%	3.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	46.6%	99.2%	99.2%	99.2%	46.6%	0.0%	100.0%	46.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	100.0%	100.0%	83.3%	0.0%	100.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
98.7%	44.9%	46.2%	44.9%	44.9%	76.0%	0.0%	98.7%	44.9%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
76.1%	76.1%	100.0%	100.0%	76.1%	76.1%	0.0%	100.0%	76.1%
97.4%	92.1%	100.0%	100.0%	97.4%	92.1%	0.0%	100.0%	92.1%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
93.5%	47.0%	100.0%	100.0%	93.5%	47.0%	0.0%	100.0%	47.0%
100.0%	40.2%	40.2%	40.2%	40.2%	90.7%	0.0%	100.0%	40.2%
100.0%	94.1%	94.1%	94.1%	94.1%	94.1%	0.0%	100.0%	94.1%
60.0%	40.0%	100.0%	100.0%	60.0%	40.0%	0.0%	100.0%	40.0%
69.7%	6.8%	97.8%	97.8%	71.2%	8.4%	0.0%	99.7%	6.8%
95.6%	95.6%	100.0%	100.0%	95.6%	95.6%	0.0%	100.0%	95.6%
90.2%	85.0%	100.0%	90.2%	90.2%	85.0%	0.0%	90.2%	85.0%

Leptinotarsa decemlineata	Anastrepha obliqua	Bactrocera cucurbitae	Scirtothrips dorsalis	Rhizoecus hibisci	Bactrocera invadens	Dacus ciliatus	Viteus vitifoliae	Aleurocanthus woglumi
100.0%	54.5%	54.5%	54.5%	9.1%	0.0%	9.1%	100.0%	90.9%
100.0%	7.1%	71.4%	71.4%	0.0%	0.0%	7.1%	100.0%	7.1%
100.0%	48.6%	81.1%	81.1%	48.6%	0.0%	48.6%	81.1%	48.6%
100.0%	58.3%	66.7%	66.7%	30.6%	0.0%	58.3%	100.0%	72.2%
100.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	95.8%	95.8%	95.8%	91.7%	0.0%	91.7%	100.0%	95.8%
100.0%	86.7%	100.0%	100.0%	86.7%	0.0%	86.7%	100.0%	86.7%
100.0%	96.0%	100.0%	100.0%	96.0%	0.0%	96.0%	100.0%	100.0%
100.0%	50.0%	100.0%	100.0%	0.0%	50.0%	50.0%	100.0%	100.0%
100.0%	82.5%	100.0%	100.0%	82.5%	0.0%	82.5%	100.0%	82.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	9.8%	9.8%	0.0%	0.0%	0.0%	9.8%	0.0%
99.2%	94.9%	93.8%	93.8%	90.7%	0.0%	90.7%	98.8%	98.1%
100.0%	36.7%	90.0%	90.0%	36.7%	0.0%	36.7%	90.0%	36.7%
100.0%	99.4%	100.0%	100.0%	99.4%	0.0%	99.4%	100.0%	99.4%
100.0%	31.6%	87.7%	87.7%	19.3%	0.0%	19.3%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	63.4%	89.4%	89.4%	56.9%	0.0%	56.9%	95.9%	95.1%
100.0%	5.6%	100.0%	100.0%	5.6%	0.0%	5.6%	100.0%	5.6%
100.0%	2.6%	100.0%	100.0%	2.6%	0.0%	2.6%	100.0%	2.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	50.0%	100.0%	100.0%	50.0%	0.0%	50.0%	100.0%	50.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
95.4%	6.7%	12.3%	12.3%	6.7%	0.0%	6.7%	16.9%	6.7%
100.0%	67.5%	99.4%	99.4%	67.5%	0.0%	67.5%	99.4%	67.5%
100.0%	48.7%	51.3%	51.3%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	63.2%	100.0%	100.0%	63.2%	0.0%	63.2%	100.0%	63.2%
100.0%	47.7%	99.1%	99.1%	47.7%	0.0%	47.7%	99.1%	47.7%
100.0%	94.7%	100.0%	100.0%	94.7%	0.0%	94.7%	100.0%	94.7%
100.0%	34.8%	100.0%	100.0%	34.8%	0.0%	34.8%	100.0%	34.8%
100.0%	90.0%	90.0%	90.0%	90.0%	0.0%	90.0%	90.0%	90.0%
100.0%	58.6%	64.2%	64.2%	22.8%	0.0%	31.6%	100.0%	100.0%
100.0%	11.2%	29.2%	29.2%	11.2%	0.0%	11.2%	29.2%	11.2%
100.0%	81.8%	81.8%	81.8%	81.8%	0.0%	81.8%	81.8%	81.8%
100.0%	100.0%	90.0%	90.0%	90.0%	0.0%	90.0%	100.0%	100.0%
100.0%	38.7%	58.5%	58.5%	12.4%	0.0%	14.2%	84.8%	74.6%
100.0%	12.5%	92.3%	92.3%	12.5%	0.0%	12.5%	99.3%	12.5%
91.7%	91.7%	91.7%	91.7%	91.7%	0.0%	91.7%	100.0%	91.7%

Leptinotarsa decemlineata	Anastrepha obliqua	Bactrocera cucurbitae	Scirtothrips dorsalis	Rhizoecus hibisci	Bactrocera invadens	Dacus ciliatus	Viteus vitifoliae	Aleurocanthus woglumi
100.0%	72.7%	81.8%	81.8%	54.5%	0.0%	54.5%	100.0%	100.0%
100.0%	14.3%	64.3%	64.3%	7.1%	0.0%	14.3%	100.0%	14.3%
100.0%	59.0%	79.5%	79.5%	59.0%	0.0%	59.0%	79.5%	59.0%
100.0%	77.8%	44.4%	44.4%	27.8%	0.0%	77.8%	100.0%	80.6%
100.0%	3.6%	100.0%	100.0%	3.6%	0.0%	3.6%	100.0%	3.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	97.8%	100.0%	100.0%	97.8%	0.0%	97.8%	100.0%	97.8%
100.0%	96.0%	100.0%	100.0%	96.0%	0.0%	96.0%	100.0%	100.0%
100.0%	25.0%	100.0%	100.0%	0.0%	25.0%	25.0%	100.0%	100.0%
100.0%	95.0%	100.0%	100.0%	95.0%	0.0%	95.0%	100.0%	95.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	7.4%	100.0%	100.0%	7.4%	0.0%	7.4%	100.0%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	34.7%	34.7%	0.0%	0.0%	0.0%	34.7%	0.0%
99.6%	96.1%	97.3%	97.3%	94.6%	0.0%	94.6%	99.2%	98.8%
100.0%	40.0%	93.3%	93.3%	40.0%	0.0%	40.0%	93.3%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	24.6%	94.7%	94.7%	19.3%	0.0%	19.3%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	49.6%	91.2%	91.2%	46.4%	0.0%	46.4%	94.4%	94.4%
100.0%	27.8%	100.0%	100.0%	27.8%	0.0%	27.8%	100.0%	27.8%
100.0%	18.4%	100.0%	100.0%	18.4%	0.0%	18.4%	100.0%	18.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	100.0%	83.3%	0.0%	83.3%	100.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
96.6%	11.1%	22.2%	22.2%	11.1%	0.0%	11.1%	25.6%	11.1%
100.0%	92.9%	100.0%	100.0%	92.9%	0.0%	92.9%	100.0%	92.9%
100.0%	21.6%	78.4%	78.4%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	67.0%	100.0%	100.0%	67.0%	0.0%	67.0%	100.0%	67.0%
100.0%	97.4%	100.0%	100.0%	97.4%	0.0%	97.4%	100.0%	97.4%
100.0%	52.2%	100.0%	100.0%	52.2%	0.0%	52.2%	100.0%	52.2%
100.0%	90.0%	90.0%	90.0%	90.0%	0.0%	90.0%	90.0%	90.0%
100.0%	52.6%	72.1%	72.1%	23.7%	0.9%	35.3%	100.0%	100.0%
100.0%	22.9%	35.5%	35.5%	22.9%	0.0%	22.9%	35.5%	22.9%
100.0%	66.7%	66.7%	66.7%	66.7%	0.0%	66.7%	66.7%	66.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	29.4%	58.8%	58.8%	4.0%	0.3%	12.4%	83.9%	78.3%
100.0%	27.6%	68.0%	68.0%	27.3%	0.0%	27.6%	100.0%	27.6%
97.0%	97.0%	97.0%	97.0%	97.0%	0.0%	97.0%	100.0%	97.0%

Leptinotarsa decemlineata	Anastrepha obliqua	Bactrocera cucurbitae	Scirtothrips dorsalis	Rhizoecus hibisci	Bactrocera invadens	Dacus ciliatus	Viteus vitifoliae	Aleurocanthus woglumi
100.0%	54.5%	72.7%	72.7%	27.3%	0.0%	27.3%	100.0%	100.0%
100.0%	28.6%	35.7%	35.7%	7.1%	0.0%	28.6%	100.0%	28.6%
100.0%	79.5%	89.7%	89.7%	79.5%	0.0%	79.5%	89.7%	79.5%
100.0%	80.6%	44.4%	44.4%	27.8%	2.8%	80.6%	100.0%	83.3%
100.0%	21.4%	100.0%	100.0%	21.4%	0.0%	21.4%	100.0%	21.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	96.0%	100.0%	100.0%	96.0%	0.0%	96.0%	100.0%	100.0%
100.0%	75.0%	100.0%	100.0%	0.0%	75.0%	75.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	7.4%	100.0%	100.0%	7.4%	0.0%	7.4%	100.0%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	58.8%	58.8%	0.0%	0.0%	0.0%	58.8%	0.0%
100.0%	94.2%	97.7%	97.7%	91.8%	0.0%	91.8%	100.0%	99.6%
100.0%	40.0%	83.3%	83.3%	40.0%	0.0%	40.0%	93.3%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	24.6%	93.0%	93.0%	17.5%	0.0%	22.8%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	47.7%	95.3%	95.3%	46.9%	0.0%	46.9%	96.1%	93.8%
100.0%	41.7%	100.0%	100.0%	41.7%	0.0%	41.7%	100.0%	41.7%
100.0%	63.2%	100.0%	100.0%	63.2%	0.0%	63.2%	100.0%	63.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	100.0%	83.3%	0.0%	83.3%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
94.4%	13.6%	23.9%	23.9%	13.6%	0.0%	13.6%	29.6%	13.6%
100.0%	99.4%	100.0%	100.0%	99.4%	0.0%	99.4%	100.0%	99.4%
100.0%	5.4%	94.6%	94.6%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	78.0%	100.0%	100.0%	78.0%	0.0%	78.0%	100.0%	78.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	78.3%	100.0%	100.0%	78.3%	0.0%	78.3%	100.0%	78.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	54.4%	74.4%	74.4%	25.6%	3.3%	45.1%	100.0%	100.0%
100.0%	25.5%	39.9%	39.9%	25.5%	0.0%	25.5%	39.9%	25.5%
100.0%	68.8%	68.8%	68.8%	68.8%	0.0%	68.8%	68.8%	68.8%
100.0%	100.0%	90.0%	90.0%	90.0%	0.0%	90.0%	100.0%	100.0%
100.0%	28.8%	68.4%	68.4%	5.9%	0.9%	18.3%	90.7%	86.1%
100.0%	68.4%	80.5%	80.5%	68.0%	0.0%	68.4%	100.0%	68.4%
98.5%	98.5%	97.7%	97.7%	97.7%	0.0%	97.7%	100.0%	98.5%

Leptinotarsa decemlineata	Anastrepha obliqua	Bactrocera cucurbitae	Scirtothrips dorsalis	Rhizoecus hibisci	Bactrocera invadens	Dacus ciliatus	Viteus vitifoliae	Aleurocanthus woglumi
100.0%	18.2%	100.0%	100.0%	18.2%	0.0%	18.2%	100.0%	100.0%
100.0%	42.9%	14.3%	14.3%	14.3%	0.0%	42.9%	100.0%	42.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	77.8%	63.9%	63.9%	11.1%	38.9%	77.8%	100.0%	88.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	87.5%	100.0%	100.0%	87.5%	0.0%	87.5%	100.0%	100.0%
100.0%	93.3%	100.0%	100.0%	93.3%	0.0%	93.3%	100.0%	100.0%
100.0%	96.0%	100.0%	100.0%	96.0%	0.0%	96.0%	100.0%	100.0%
100.0%	75.0%	100.0%	100.0%	0.0%	75.0%	75.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	38.8%	87.8%	87.8%	38.8%	0.0%	38.8%	87.8%	38.8%
100.0%	80.9%	94.6%	94.6%	75.5%	0.0%	75.5%	100.0%	100.0%
100.0%	53.3%	76.7%	76.7%	53.3%	0.0%	53.3%	100.0%	53.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	19.3%	93.0%	93.0%	10.5%	1.8%	19.3%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
2.3%	2.3%	2.3%	2.3%	2.3%	0.0%	2.3%	100.0%	2.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	42.7%	96.2%	96.2%	42.7%	0.0%	42.7%	96.2%	96.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	100.0%	83.3%	0.0%	83.3%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
96.4%	33.9%	45.1%	45.1%	33.9%	0.0%	33.9%	48.7%	33.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	96.3%	95.4%	95.4%	91.7%	0.0%	96.3%	100.0%	96.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	39.1%	85.6%	85.6%	13.0%	11.6%	37.7%	100.0%	100.0%
100.0%	35.4%	70.1%	70.1%	35.4%	0.0%	35.4%	70.1%	35.4%
100.0%	88.2%	88.2%	88.2%	88.2%	0.0%	88.2%	88.2%	88.2%
100.0%	90.0%	90.0%	90.0%	80.0%	0.0%	90.0%	100.0%	100.0%
100.0%	25.7%	70.9%	70.9%	1.9%	0.9%	25.7%	96.0%	92.3%
100.0%	99.7%	97.0%	97.0%	96.6%	0.0%	99.7%	100.0%	99.7%
100.0%	100.0%	96.2%	96.2%	96.2%	0.0%	96.2%	100.0%	100.0%

Leptinotarsa decemlineata	Anastrepha obliqua	Bactrocera cucurbitae	Scirtothrips dorsalis	Rhizoecus hibisci	Bactrocera invadens	Dacus ciliatus	Viteus vitifoliae	Aleurocanthus woglumi
100.0%	9.1%	100.0%	100.0%	9.1%	0.0%	9.1%	100.0%	100.0%
100.0%	50.0%	35.7%	28.6%	14.3%	0.0%	50.0%	100.0%	64.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	86.1%	83.3%	83.3%	13.9%	63.9%	86.1%	100.0%	91.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	94.4%	100.0%	100.0%	94.4%	0.0%	94.4%	100.0%	100.0%
100.0%	87.5%	100.0%	100.0%	87.5%	0.0%	87.5%	100.0%	100.0%
100.0%	97.8%	66.7%	66.7%	64.4%	0.0%	97.8%	100.0%	100.0%
100.0%	92.0%	100.0%	100.0%	92.0%	0.0%	92.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	51.4%	99.6%	99.6%	51.4%	0.0%	51.4%	99.6%	51.4%
100.0%	47.5%	98.1%	98.1%	45.5%	0.0%	45.5%	100.0%	100.0%
100.0%	63.3%	70.0%	70.0%	60.0%	3.3%	63.3%	100.0%	63.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	26.3%	93.0%	93.0%	5.3%	14.0%	26.3%	100.0%	100.0%
100.0%	100.0%	86.7%	86.7%	86.7%	0.0%	100.0%	100.0%	100.0%
3.2%	3.2%	3.2%	3.2%	3.2%	0.0%	3.2%	100.0%	3.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	46.6%	99.2%	99.2%	45.0%	1.5%	46.6%	99.2%	99.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	100.0%	83.3%	0.0%	83.3%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
98.7%	44.9%	76.0%	76.0%	44.9%	0.0%	44.9%	77.3%	44.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	76.1%	76.1%	76.1%	0.0%	100.0%	100.0%	100.0%
100.0%	94.7%	97.4%	97.4%	92.1%	0.0%	94.7%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	53.5%	93.5%	93.5%	13.0%	34.0%	53.5%	100.0%	100.0%
100.0%	40.2%	90.7%	90.7%	40.2%	0.0%	40.2%	90.7%	40.2%
100.0%	94.1%	94.1%	94.1%	94.1%	0.0%	94.1%	94.1%	94.1%
100.0%	80.0%	60.0%	60.0%	40.0%	0.0%	80.0%	100.0%	100.0%
100.0%	35.0%	71.2%	69.7%	3.1%	3.7%	35.0%	99.7%	97.8%
100.0%	100.0%	95.6%	95.6%	95.6%	0.0%	100.0%	100.0%	100.0%
100.0%	94.7%	90.2%	90.2%	85.0%	0.0%	85.0%	100.0%	100.0%

Bactrocera kandiensis	Frankliniella occidentalis	Helicoverpa zea	Aculops fuchsiae	Aleurocanthus spiniferus	Amauromyza maculosa	Anastrepha fraterculus	Anastrepha ludens	Anastrepha suspensa
0.0%	100.0%	90.9%	9.1%	100.0%	90.9%	54.5%	90.9%	9.1%
0.0%	100.0%	7.1%	0.0%	71.4%	7.1%	7.1%	7.1%	0.0%
0.0%	100.0%	48.6%	48.6%	81.1%	48.6%	48.6%	48.6%	48.6%
0.0%	100.0%	72.2%	30.6%	66.7%	72.2%	58.3%	72.2%	0.0%
0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	95.8%	91.7%	100.0%	95.8%	95.8%	95.8%	87.5%
0.0%	100.0%	86.7%	86.7%	100.0%	86.7%	86.7%	86.7%	42.2%
0.0%	100.0%	100.0%	96.0%	100.0%	100.0%	96.0%	100.0%	92.0%
0.0%	100.0%	100.0%	50.0%	100.0%	100.0%	50.0%	100.0%	0.0%
0.0%	100.0%	82.5%	82.5%	100.0%	82.5%	82.5%	82.5%	82.5%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	9.8%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	98.8%	90.7%	98.1%	98.8%	95.7%	98.8%	90.3%
0.0%	100.0%	36.7%	36.7%	90.0%	36.7%	36.7%	36.7%	13.3%
0.0%	100.0%	99.4%	99.4%	100.0%	99.4%	99.4%	99.4%	99.4%
0.0%	100.0%	100.0%	19.3%	100.0%	100.0%	31.6%	100.0%	10.5%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	95.1%	56.9%	95.9%	95.1%	63.4%	95.1%	32.5%
0.0%	100.0%	5.6%	5.6%	100.0%	5.6%	5.6%	5.6%	5.6%
0.0%	100.0%	2.6%	2.6%	100.0%	2.6%	2.6%	2.6%	2.6%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	50.0%	50.0%	100.0%	50.0%	50.0%	50.0%	33.3%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	99.0%	11.3%	6.7%	12.3%	11.3%	11.3%	11.3%	6.7%
0.0%	100.0%	67.5%	67.5%	99.4%	67.5%	67.5%	67.5%	67.5%
0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	48.7%	100.0%	0.0%
0.0%	100.0%	63.2%	63.2%	100.0%	63.2%	63.2%	63.2%	63.2%
0.0%	100.0%	47.7%	47.7%	99.1%	47.7%	47.7%	47.7%	21.1%
0.0%	100.0%	94.7%	94.7%	100.0%	94.7%	94.7%	94.7%	78.9%
0.0%	100.0%	34.8%	34.8%	100.0%	34.8%	34.8%	34.8%	34.8%
0.0%	100.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
0.0%	100.0%	100.0%	22.8%	91.2%	100.0%	58.6%	100.0%	19.5%
0.0%	100.0%	11.2%	11.2%	29.2%	11.2%	11.2%	11.2%	11.2%
0.0%	100.0%	81.8%	81.8%	81.8%	81.8%	81.8%	81.8%	81.8%
0.0%	100.0%	100.0%	90.0%	100.0%	100.0%	100.0%	100.0%	80.0%
0.0%	84.8%	74.6%	12.4%	83.0%	74.6%	38.7%	74.6%	11.1%
0.0%	100.0%	12.5%	12.5%	92.3%	12.5%	12.5%	12.5%	4.4%
0.0%	100.0%	100.0%	91.7%	91.7%	100.0%	100.0%	100.0%	91.7%

Bactrocera kandiensis	Frankliniella occidentalis	Helicoverpa zea	Aculops fuchsiae	Aleurocanthus spiniferus	Amauromyza maculosa	Anastrepha fraterculus	Anastrepha ludens	Anastrepha suspensa
0.0%	100.0%	100.0%	54.5%	100.0%	100.0%	72.7%	100.0%	45.5%
0.0%	100.0%	14.3%	7.1%	64.3%	14.3%	14.3%	14.3%	0.0%
0.0%	100.0%	59.0%	59.0%	79.5%	59.0%	59.0%	59.0%	59.0%
0.0%	100.0%	80.6%	27.8%	44.4%	80.6%	77.8%	80.6%	0.0%
0.0%	100.0%	3.6%	3.6%	100.0%	3.6%	3.6%	3.6%	3.6%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	75.0%
0.0%	100.0%	97.8%	97.8%	100.0%	97.8%	97.8%	97.8%	31.1%
0.0%	100.0%	100.0%	96.0%	100.0%	100.0%	96.0%	100.0%	56.0%
0.0%	100.0%	100.0%	25.0%	100.0%	100.0%	25.0%	100.0%	0.0%
0.0%	100.0%	95.0%	95.0%	100.0%	95.0%	95.0%	95.0%	95.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	7.4%	7.4%	100.0%	7.4%	7.4%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	34.7%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	99.2%	94.6%	98.8%	99.2%	96.5%	99.2%	88.7%
0.0%	100.0%	40.0%	40.0%	93.3%	40.0%	40.0%	40.0%	6.7%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	19.3%	100.0%	100.0%	24.6%	100.0%	5.3%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	71.1%
0.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	94.4%	46.4%	94.4%	94.4%	49.6%	94.4%	20.8%
0.0%	100.0%	27.8%	27.8%	100.0%	27.8%	27.8%	27.8%	27.8%
0.0%	100.0%	18.4%	18.4%	100.0%	18.4%	18.4%	18.4%	18.4%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	83.3%	83.3%	100.0%	83.3%	83.3%	83.3%	66.7%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	99.0%	14.5%	11.1%	22.2%	14.5%	14.5%	14.5%	11.1%
0.0%	100.0%	92.9%	92.9%	100.0%	92.9%	92.9%	92.9%	92.9%
0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	21.6%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	67.0%	67.0%	100.0%	67.0%	67.0%	67.0%	22.0%
0.0%	100.0%	97.4%	97.4%	100.0%	97.4%	97.4%	97.4%	50.0%
0.0%	100.0%	52.2%	52.2%	100.0%	52.2%	52.2%	52.2%	52.2%
0.0%	100.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
0.0%	100.0%	100.0%	24.7%	89.3%	100.0%	52.6%	100.0%	16.7%
0.0%	100.0%	22.9%	22.9%	35.5%	22.9%	22.9%	22.9%	22.9%
0.0%	100.0%	66.7%	66.7%	66.7%	66.7%	66.7%	66.7%	66.7%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%
0.0%	83.9%	78.3%	4.3%	75.9%	78.3%	29.4%	78.3%	3.7%
0.0%	100.0%	27.6%	27.3%	68.0%	27.6%	27.6%	27.6%	5.4%
0.0%	100.0%	100.0%	97.0%	97.0%	100.0%	100.0%	100.0%	97.0%

Bactrocera kandiensis	Frankliniella occidentalis	Helicoverpa zea	Aculops fuchsiae	Aleurocanthus spiniferus	Amauromyza maculosa	Anastrepha fraterculus	Anastrepha ludens	Anastrepha suspensa
0.0%	100.0%	100.0%	27.3%	100.0%	100.0%	54.5%	100.0%	18.2%
0.0%	100.0%	28.6%	7.1%	35.7%	28.6%	28.6%	28.6%	0.0%
0.0%	100.0%	79.5%	79.5%	89.7%	79.5%	79.5%	79.5%	76.9%
0.0%	100.0%	83.3%	30.6%	44.4%	83.3%	80.6%	83.3%	0.0%
0.0%	100.0%	21.4%	21.4%	100.0%	21.4%	21.4%	21.4%	21.4%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	66.7%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	17.8%
0.0%	100.0%	100.0%	96.0%	100.0%	100.0%	96.0%	100.0%	20.0%
0.0%	100.0%	100.0%	75.0%	100.0%	100.0%	75.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	7.4%	7.4%	100.0%	7.4%	7.4%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	58.8%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	99.6%	91.8%	100.0%	99.6%	94.2%	99.6%	72.8%
0.0%	100.0%	40.0%	40.0%	83.3%	40.0%	40.0%	40.0%	3.3%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	17.5%	94.7%	100.0%	24.6%	100.0%	1.8%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	15.6%
0.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	93.8%	46.9%	96.1%	93.8%	47.7%	93.8%	16.4%
0.0%	100.0%	41.7%	41.7%	100.0%	41.7%	41.7%	41.7%	41.7%
0.0%	100.0%	63.2%	63.2%	100.0%	63.2%	63.2%	63.2%	63.2%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	83.3%	100.0%	100.0%	83.3%	100.0%	83.3%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	19.2%	13.6%	23.9%	19.2%	19.2%	19.2%	13.6%
0.0%	100.0%	99.4%	99.4%	100.0%	99.4%	99.4%	99.4%	99.4%
0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	5.4%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	78.0%	78.0%	100.0%	78.0%	78.0%	78.0%	25.7%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	23.7%
0.0%	100.0%	78.3%	78.3%	100.0%	78.3%	78.3%	78.3%	78.3%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%
0.0%	100.0%	100.0%	28.8%	83.7%	100.0%	54.4%	100.0%	11.2%
0.0%	100.0%	25.5%	25.5%	39.9%	25.5%	25.5%	25.5%	25.5%
0.0%	100.0%	68.8%	68.8%	68.8%	68.8%	68.8%	68.8%	68.8%
0.0%	100.0%	100.0%	90.0%	100.0%	100.0%	100.0%	100.0%	30.0%
0.0%	90.7%	86.1%	6.8%	78.9%	86.1%	28.8%	86.1%	3.4%
0.0%	100.0%	68.4%	68.0%	80.5%	68.4%	68.4%	68.4%	26.9%
0.0%	100.0%	100.0%	97.7%	98.5%	100.0%	100.0%	100.0%	97.7%

Bactrocera kandiensis	Frankliniella occidentalis	Helicoverpa zea	Aculops fuchsiae	Aleurocanthus spiniferus	Amauromyza maculosa	Anastrepha fraterculus	Anastrepha ludens	Anastrepha suspensa
0.0%	100.0%	100.0%	18.2%	100.0%	100.0%	18.2%	100.0%	0.0%
0.0%	100.0%	42.9%	14.3%	14.3%	42.9%	42.9%	42.9%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	61.5%
0.0%	100.0%	88.9%	50.0%	63.9%	88.9%	77.8%	88.9%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	48.2%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	88.9%
0.0%	100.0%	100.0%	87.5%	100.0%	100.0%	87.5%	100.0%	8.3%
0.0%	100.0%	100.0%	93.3%	100.0%	100.0%	93.3%	100.0%	0.0%
0.0%	100.0%	100.0%	96.0%	100.0%	100.0%	96.0%	100.0%	0.0%
0.0%	100.0%	100.0%	75.0%	100.0%	100.0%	75.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	80.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	38.8%	38.8%	87.8%	38.8%	38.8%	38.8%	38.8%
0.0%	100.0%	100.0%	75.5%	100.0%	100.0%	80.9%	100.0%	16.3%
0.0%	100.0%	53.3%	53.3%	76.7%	53.3%	53.3%	53.3%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	77.3%
0.0%	100.0%	100.0%	12.3%	93.0%	100.0%	19.3%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	2.3%	2.3%	100.0%	100.0%	100.0%	2.3%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	96.2%	42.7%	96.2%	96.2%	42.7%	96.2%	9.9%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	83.3%	100.0%	100.0%	83.3%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	37.5%	33.9%	45.1%	37.5%	37.5%	37.5%	33.9%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	48.5%
0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	96.3%	91.7%	95.4%	96.3%	96.3%	96.3%	8.3%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	43.5%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	10.0%
0.0%	100.0%	100.0%	24.7%	87.0%	100.0%	39.1%	100.0%	0.9%
0.0%	100.0%	35.4%	35.4%	70.1%	35.4%	35.4%	35.4%	35.4%
0.0%	100.0%	88.2%	88.2%	88.2%	88.2%	88.2%	88.2%	58.8%
0.0%	100.0%	100.0%	80.0%	90.0%	100.0%	90.0%	100.0%	0.0%
0.0%	96.0%	92.3%	2.8%	70.9%	92.3%	25.7%	92.3%	0.0%
0.0%	100.0%	99.7%	96.6%	97.0%	99.7%	99.7%	99.7%	2.7%
0.0%	100.0%	100.0%	96.2%	100.0%	100.0%	100.0%	100.0%	96.2%

Bactrocera kandiensis	Frankliniella occidentalis	Helicoverpa zea	Aculops fuchsiae	Aleurocanthus spiniferus	Amauromyza maculosa	Anastrepha fraterculus	Anastrepha ludens	Anastrepha suspensa
0.0%	100.0%	100.0%	9.1%	100.0%	100.0%	9.1%	100.0%	0.0%
0.0%	100.0%	64.3%	14.3%	28.6%	64.3%	50.0%	64.3%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	48.7%
0.0%	100.0%	91.7%	77.8%	83.3%	91.7%	86.1%	91.7%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	2.7%
0.0%	100.0%	100.0%	94.4%	100.0%	100.0%	94.4%	100.0%	0.0%
0.0%	100.0%	100.0%	87.5%	100.0%	100.0%	87.5%	100.0%	0.0%
0.0%	100.0%	100.0%	64.4%	66.7%	100.0%	97.8%	100.0%	0.0%
0.0%	100.0%	100.0%	92.0%	100.0%	100.0%	92.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	7.5%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	92.6%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	51.4%	51.4%	99.6%	51.4%	51.4%	51.4%	51.4%
0.0%	100.0%	100.0%	45.5%	100.0%	100.0%	47.5%	100.0%	2.3%
0.0%	100.0%	63.3%	63.3%	70.0%	63.3%	63.3%	63.3%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	20.4%
0.0%	100.0%	100.0%	19.3%	93.0%	100.0%	26.3%	100.0%	0.0%
0.0%	100.0%	100.0%	86.7%	86.7%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	3.2%	3.2%	100.0%	100.0%	100.0%	3.2%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	99.2%	46.6%	99.2%	99.2%	46.6%	99.2%	10.7%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	66.7%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	7.9%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	83.3%	100.0%	100.0%	83.3%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	37.5%
0.0%	100.0%	46.2%	44.9%	76.0%	46.2%	46.2%	46.2%	44.9%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	5.3%
0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	76.1%	76.1%	100.0%	100.0%	100.0%	1.8%
0.0%	100.0%	100.0%	92.1%	97.4%	100.0%	94.7%	100.0%	0.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	26.1%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	10.0%
0.0%	100.0%	100.0%	46.5%	93.5%	100.0%	53.5%	100.0%	0.0%
0.0%	100.0%	40.2%	40.2%	90.7%	40.2%	40.2%	40.2%	40.2%
0.0%	100.0%	94.1%	94.1%	94.1%	94.1%	94.1%	94.1%	47.1%
0.0%	100.0%	100.0%	40.0%	60.0%	100.0%	80.0%	100.0%	0.0%
0.0%	99.7%	97.8%	6.8%	69.7%	97.8%	35.0%	97.8%	0.0%
0.0%	100.0%	100.0%	95.6%	95.6%	100.0%	100.0%	100.0%	1.0%
0.0%	100.0%	100.0%	85.0%	100.0%	100.0%	94.7%	100.0%	82.7%

Anomala orientalis	Anthonomus bisignifer	Anthonomus eugenii	Anthonomus grandis	Anthonomus signatus	Bactrocera cucumis	Bactrocera carambolae	Bactrocera caryae	Bactrocera occipitalis
18.2%	18.2%	90.9%	90.9%	63.6%	0.0%	9.1%	0.0%	0.0%
92.9%	92.9%	7.1%	7.1%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	48.6%	48.6%	100.0%	0.0%	48.6%	0.0%	0.0%
58.3%	58.3%	72.2%	72.2%	55.6%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
95.8%	95.8%	95.8%	95.8%	95.8%	0.0%	87.5%	0.0%	0.0%
100.0%	100.0%	86.7%	86.7%	55.6%	0.0%	42.2%	0.0%	0.0%
96.0%	96.0%	100.0%	100.0%	92.0%	0.0%	92.0%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	82.5%	82.5%	100.0%	0.0%	82.5%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
91.8%	91.8%	98.1%	98.8%	96.5%	0.0%	90.3%	0.0%	0.0%
100.0%	100.0%	36.7%	36.7%	76.7%	0.0%	13.3%	0.0%	0.0%
100.0%	100.0%	99.4%	99.4%	100.0%	0.0%	99.4%	0.0%	0.0%
19.3%	19.3%	100.0%	100.0%	22.8%	0.0%	10.5%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
61.8%	61.8%	95.1%	95.1%	43.9%	0.0%	32.5%	0.0%	0.0%
100.0%	100.0%	5.6%	5.6%	100.0%	0.0%	5.6%	0.0%	0.0%
100.0%	100.0%	2.6%	2.6%	100.0%	0.0%	2.6%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	50.0%	50.0%	83.3%	0.0%	33.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
94.4%	94.4%	6.7%	11.3%	100.0%	0.0%	6.7%	0.0%	0.0%
100.0%	100.0%	67.5%	67.5%	100.0%	0.0%	67.5%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	48.7%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	63.2%	63.2%	100.0%	0.0%	63.2%	0.0%	0.0%
100.0%	100.0%	47.7%	47.7%	73.4%	0.0%	21.1%	0.0%	0.0%
100.0%	100.0%	94.7%	94.7%	84.2%	0.0%	78.9%	0.0%	0.0%
100.0%	100.0%	34.8%	34.8%	100.0%	0.0%	34.8%	0.0%	0.0%
100.0%	100.0%	90.0%	90.0%	100.0%	0.0%	90.0%	0.0%	0.0%
22.8%	22.8%	100.0%	100.0%	55.3%	0.0%	19.5%	0.0%	0.0%
100.0%	100.0%	11.2%	11.2%	100.0%	0.0%	11.2%	0.0%	0.0%
100.0%	100.0%	81.8%	81.8%	100.0%	0.0%	81.8%	0.0%	0.0%
90.0%	90.0%	100.0%	100.0%	90.0%	0.0%	80.0%	0.0%	0.0%
22.6%	22.6%	74.6%	74.6%	61.3%	0.0%	11.1%	0.0%	0.0%
100.0%	100.0%	12.5%	12.5%	91.9%	0.0%	4.4%	0.0%	0.0%
91.7%	91.7%	91.7%	100.0%	100.0%	0.0%	91.7%	0.0%	0.0%

Anomala orientalis	Anthonomus bisignifer	Anthonomus eugenii	Anthonomus grandis	Anthonomus signatus	Bactrocera cucumis	Bactrocera carambolae	Bactrocera caryae	Bactrocera occipitalis
54.5%	54.5%	100.0%	100.0%	63.6%	0.0%	45.5%	0.0%	0.0%
92.9%	92.9%	14.3%	14.3%	92.9%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	59.0%	59.0%	100.0%	0.0%	59.0%	0.0%	0.0%
47.2%	47.2%	80.6%	80.6%	69.4%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	3.6%	3.6%	100.0%	0.0%	3.6%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	75.0%	0.0%	75.0%	0.0%	0.0%
100.0%	100.0%	97.8%	97.8%	33.3%	0.0%	31.1%	0.0%	0.0%
96.0%	96.0%	100.0%	100.0%	56.0%	0.0%	56.0%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	95.0%	95.0%	100.0%	0.0%	95.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	7.4%	7.4%	100.0%	0.0%	7.4%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
95.3%	95.3%	98.8%	99.2%	91.4%	0.0%	88.7%	0.0%	0.0%
100.0%	100.0%	40.0%	40.0%	66.7%	0.0%	6.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
19.3%	19.3%	100.0%	100.0%	10.5%	0.0%	5.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	71.1%	0.0%	71.1%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
52.0%	52.0%	94.4%	94.4%	29.6%	0.0%	20.8%	0.0%	0.0%
100.0%	100.0%	27.8%	27.8%	100.0%	0.0%	27.8%	0.0%	0.0%
100.0%	100.0%	18.4%	18.4%	100.0%	0.0%	18.4%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	83.3%	83.3%	83.3%	0.0%	66.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
95.7%	95.7%	11.1%	14.5%	100.0%	0.0%	11.1%	0.0%	0.0%
100.0%	100.0%	92.9%	92.9%	100.0%	0.0%	92.9%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	21.6%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	67.0%	67.0%	55.0%	0.0%	22.0%	0.0%	0.0%
100.0%	100.0%	97.4%	97.4%	52.6%	0.0%	50.0%	0.0%	0.0%
100.0%	100.0%	52.2%	52.2%	100.0%	0.0%	52.2%	0.0%	0.0%
100.0%	100.0%	90.0%	90.0%	100.0%	0.0%	90.0%	0.0%	0.0%
23.7%	23.7%	100.0%	100.0%	44.7%	0.0%	16.7%	0.0%	0.0%
100.0%	100.0%	22.9%	22.9%	100.0%	0.0%	22.9%	0.0%	0.0%
100.0%	100.0%	66.7%	66.7%	100.0%	0.0%	66.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	80.0%	0.0%	80.0%	0.0%	0.0%
9.6%	9.6%	78.3%	78.3%	46.1%	0.0%	3.7%	0.0%	0.0%
99.7%	99.7%	27.6%	27.6%	78.1%	0.0%	5.4%	0.0%	0.0%
97.0%	97.0%	97.0%	100.0%	100.0%	0.0%	97.0%	0.0%	0.0%

Anomala orientalis	Anthonomus bisignifer	Anthonomus eugenii	Anthonomus grandis	Anthonomus signatus	Bactrocera cucumis	Bactrocera carambolae	Bactrocera caryae	Bactrocera occipitalis
27.3%	27.3%	100.0%	100.0%	45.5%	0.0%	18.2%	0.0%	0.0%
78.6%	78.6%	28.6%	28.6%	92.9%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	79.5%	79.5%	97.4%	0.0%	76.9%	0.0%	0.0%
44.4%	44.4%	83.3%	83.3%	66.7%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	21.4%	21.4%	100.0%	0.0%	21.4%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	66.7%	0.0%	66.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	17.8%	0.0%	17.8%	0.0%	0.0%
96.0%	96.0%	100.0%	100.0%	20.0%	0.0%	20.0%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	7.4%	7.4%	100.0%	0.0%	7.4%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
92.2%	92.2%	99.6%	99.6%	75.5%	0.0%	72.8%	0.0%	0.0%
100.0%	100.0%	40.0%	40.0%	63.3%	0.0%	3.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
17.5%	17.5%	100.0%	100.0%	8.8%	0.0%	1.8%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	15.6%	0.0%	15.6%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
53.1%	53.1%	93.8%	93.8%	23.4%	0.0%	16.4%	0.0%	0.0%
100.0%	100.0%	41.7%	41.7%	100.0%	0.0%	41.7%	0.0%	0.0%
100.0%	100.0%	63.2%	63.2%	100.0%	0.0%	63.2%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	100.0%	100.0%	83.3%	0.0%	83.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
94.4%	94.4%	13.6%	19.2%	100.0%	0.0%	13.6%	0.0%	0.0%
100.0%	100.0%	99.4%	99.4%	100.0%	0.0%	99.4%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	5.4%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	78.0%	78.0%	47.7%	0.0%	25.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	23.7%	0.0%	23.7%	0.0%	0.0%
100.0%	100.0%	78.3%	78.3%	100.0%	0.0%	78.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	80.0%	0.0%	80.0%	0.0%	0.0%
25.6%	25.6%	100.0%	100.0%	36.7%	0.0%	11.2%	0.0%	0.0%
100.0%	100.0%	25.5%	25.5%	100.0%	0.0%	25.5%	0.0%	0.0%
100.0%	100.0%	68.8%	68.8%	100.0%	0.0%	68.8%	0.0%	0.0%
90.0%	90.0%	100.0%	100.0%	40.0%	0.0%	30.0%	0.0%	0.0%
10.5%	10.5%	86.1%	86.1%	31.3%	0.0%	3.4%	0.0%	0.0%
99.7%	99.7%	68.4%	68.4%	58.9%	0.0%	26.9%	0.0%	0.0%
97.7%	97.7%	98.5%	100.0%	100.0%	0.0%	97.7%	0.0%	0.0%

Anomala orientalis	Anthonomus bisignifer	Anthonomus eugenii	Anthonomus grandis	Anthonomus signatus	Bactrocera cucumis	Bactrocera carambolae	Bactrocera caryae	Bactrocera occipitalis
18.2%	18.2%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
71.4%	71.4%	42.9%	42.9%	85.7%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	61.5%	0.0%	61.5%	0.0%	0.0%
22.2%	22.2%	88.9%	88.9%	38.9%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	48.2%	0.0%	48.2%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	88.9%	0.0%	88.9%	0.0%	0.0%
87.5%	87.5%	100.0%	100.0%	8.3%	0.0%	8.3%	0.0%	0.0%
93.3%	93.3%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
96.0%	96.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	80.0%	0.0%	80.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	38.8%	38.8%	100.0%	0.0%	38.8%	0.0%	0.0%
75.5%	75.5%	100.0%	100.0%	21.8%	0.0%	16.3%	0.0%	0.0%
100.0%	100.0%	53.3%	53.3%	46.7%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	77.3%	0.0%	77.3%	0.0%	0.0%
10.5%	10.5%	100.0%	100.0%	7.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
2.3%	2.3%	2.3%	100.0%	100.0%	0.0%	2.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
46.6%	46.6%	96.2%	96.2%	13.7%	0.0%	9.9%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
96.4%	96.4%	33.9%	37.5%	100.0%	0.0%	33.9%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	48.5%	0.0%	48.5%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
95.4%	95.4%	96.3%	96.3%	16.5%	0.0%	8.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	43.5%	0.0%	43.5%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	10.0%	0.0%	10.0%	0.0%	0.0%
13.0%	13.0%	100.0%	100.0%	15.3%	0.0%	0.9%	0.0%	0.0%
100.0%	100.0%	35.4%	35.4%	100.0%	0.0%	35.4%	0.0%	0.0%
100.0%	100.0%	88.2%	88.2%	70.6%	0.0%	58.8%	0.0%	0.0%
80.0%	80.0%	100.0%	100.0%	10.0%	0.0%	0.0%	0.0%	0.0%
5.6%	5.6%	92.3%	92.3%	26.6%	0.0%	0.0%	0.0%	0.0%
97.0%	97.0%	99.7%	99.7%	6.1%	0.0%	2.7%	0.0%	0.0%
96.2%	96.2%	100.0%	100.0%	100.0%	0.0%	96.2%	0.0%	0.0%

Anomala orientalis	Anthonomus bisignifer	Anthonomus eugenii	Anthonomus grandis	Anthonomus signatus	Bactrocera cucumis	Bactrocera carambolae	Bactrocera caryae	Bactrocera occipitalis
9.1%	9.1%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50.0%	50.0%	64.3%	64.3%	64.3%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	48.7%	0.0%	48.7%	0.0%	0.0%
22.2%	22.2%	91.7%	91.7%	16.7%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	2.7%	0.0%	2.7%	0.0%	0.0%
94.4%	94.4%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
87.5%	87.5%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
64.4%	64.4%	100.0%	100.0%	33.3%	0.0%	0.0%	0.0%	0.0%
92.0%	92.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	7.5%	0.0%	7.5%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	92.6%	0.0%	92.6%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	51.4%	51.4%	100.0%	0.0%	51.4%	0.0%	0.0%
45.5%	45.5%	100.0%	100.0%	4.3%	0.0%	2.3%	0.0%	0.0%
96.7%	96.7%	63.3%	63.3%	36.7%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	20.4%	0.0%	20.4%	0.0%	0.0%
5.3%	5.3%	100.0%	100.0%	7.0%	0.0%	0.0%	0.0%	0.0%
86.7%	86.7%	100.0%	100.0%	13.3%	0.0%	0.0%	0.0%	0.0%
3.2%	3.2%	3.2%	100.0%	100.0%	0.0%	3.2%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
45.8%	45.8%	99.2%	99.2%	11.5%	0.0%	10.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	66.7%	0.0%	66.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	7.9%	0.0%	7.9%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	37.5%	0.0%	37.5%	0.0%	0.0%
98.7%	98.7%	44.9%	46.2%	100.0%	0.0%	44.9%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	5.3%	0.0%	5.3%	0.0%	0.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
76.1%	76.1%	100.0%	100.0%	25.7%	0.0%	1.8%	0.0%	0.0%
92.1%	92.1%	100.0%	100.0%	2.6%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	26.1%	0.0%	26.1%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	10.0%	0.0%	10.0%	0.0%	0.0%
13.0%	13.0%	100.0%	100.0%	6.5%	0.0%	0.0%	0.5%	0.0%
100.0%	100.0%	40.2%	40.2%	100.0%	0.0%	40.2%	0.0%	0.0%
100.0%	100.0%	94.1%	94.1%	52.9%	0.0%	47.1%	0.0%	0.0%
40.0%	40.0%	100.0%	100.0%	40.0%	0.0%	0.0%	0.0%	0.0%
5.0%	5.0%	97.8%	97.8%	28.5%	0.0%	0.0%	0.0%	0.0%
95.6%	95.6%	100.0%	100.0%	5.4%	0.0%	1.0%	0.0%	0.0%
85.0%	85.0%	100.0%	100.0%	92.5%	0.0%	82.7%	0.0%	0.0%

Bactrocera papayae	Bactrocera philippinensis	Bactrocera pyrifoliae	Bactrocera minax	Bactrocera tryoni	Bactrocera tsuneonis	Blitopertha orientalis	Cacoecimorpha pronubana	Cacyreus marshalli
9.1%	0.0%	0.0%	0.0%	90.9%	9.1%	18.2%	90.9%	0.0%
0.0%	0.0%	0.0%	0.0%	7.1%	0.0%	92.9%	7.1%	0.0%
48.6%	0.0%	0.0%	0.0%	48.6%	48.6%	100.0%	48.6%	0.0%
0.0%	0.0%	0.0%	0.0%	72.2%	30.6%	58.3%	72.2%	30.6%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
87.5%	0.0%	0.0%	0.0%	95.8%	91.7%	95.8%	95.8%	4.2%
42.2%	0.0%	0.0%	0.0%	86.7%	86.7%	100.0%	86.7%	44.4%
92.0%	0.0%	0.0%	0.0%	100.0%	96.0%	96.0%	100.0%	4.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	50.0%
82.5%	0.0%	0.0%	0.0%	82.5%	82.5%	100.0%	82.5%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
90.3%	0.0%	0.0%	0.0%	98.1%	90.7%	91.8%	98.1%	0.4%
13.3%	0.0%	0.0%	0.0%	36.7%	36.7%	100.0%	36.7%	23.3%
99.4%	0.0%	0.0%	0.0%	99.4%	99.4%	100.0%	99.4%	0.0%
10.5%	0.0%	0.0%	0.0%	100.0%	19.3%	19.3%	100.0%	8.8%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
32.5%	0.0%	0.0%	0.0%	95.1%	56.9%	61.8%	95.1%	24.4%
5.6%	0.0%	0.0%	0.0%	5.6%	5.6%	100.0%	5.6%	0.0%
2.6%	0.0%	0.0%	0.0%	2.6%	2.6%	100.0%	2.6%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
33.3%	0.0%	0.0%	0.0%	50.0%	50.0%	100.0%	50.0%	16.7%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
6.7%	0.0%	0.0%	0.0%	6.7%	6.7%	94.4%	6.7%	0.0%
67.5%	0.0%	0.0%	0.0%	67.5%	67.5%	100.0%	67.5%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%
63.2%	0.0%	0.0%	0.0%	63.2%	63.2%	100.0%	63.2%	0.0%
21.1%	0.0%	0.0%	0.0%	47.7%	47.7%	100.0%	47.7%	26.6%
78.9%	0.0%	0.0%	0.0%	94.7%	94.7%	100.0%	94.7%	15.8%
34.8%	0.0%	0.0%	0.0%	34.8%	34.8%	100.0%	34.8%	0.0%
90.0%	0.0%	0.0%	0.0%	90.0%	90.0%	100.0%	90.0%	0.0%
19.5%	0.0%	0.0%	0.0%	100.0%	22.8%	22.8%	100.0%	3.3%
11.2%	0.0%	0.0%	0.0%	11.2%	11.2%	100.0%	11.2%	0.0%
81.8%	0.0%	0.0%	0.0%	81.8%	81.8%	100.0%	81.8%	0.0%
80.0%	0.0%	0.0%	0.0%	100.0%	90.0%	90.0%	100.0%	10.0%
11.1%	0.0%	0.0%	0.0%	74.6%	12.4%	22.6%	74.6%	1.2%
4.4%	0.0%	0.0%	0.0%	12.5%	12.5%	100.0%	12.5%	8.1%
91.7%	0.0%	0.0%	0.0%	91.7%	91.7%	91.7%	91.7%	0.0%

Bactrocera papayae	Bactrocera philippinensis	Bactrocera pyrifoliae	Bactrocera minax	Bactrocera tryoni	Bactrocera tsuneonis	Blitopertha orientalis	Cacoecimorpha pronubana	Cacyreus marshalli
45.5%	0.0%	0.0%	0.0%	100.0%	54.5%	54.5%	100.0%	9.1%
0.0%	0.0%	0.0%	0.0%	14.3%	7.1%	92.9%	14.3%	7.1%
59.0%	0.0%	0.0%	0.0%	59.0%	59.0%	100.0%	59.0%	0.0%
0.0%	0.0%	0.0%	0.0%	80.6%	27.8%	47.2%	80.6%	27.8%
3.6%	0.0%	0.0%	0.0%	3.6%	3.6%	100.0%	3.6%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
75.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	25.0%
31.1%	0.0%	0.0%	0.0%	97.8%	97.8%	100.0%	97.8%	66.7%
56.0%	0.0%	0.0%	0.0%	100.0%	96.0%	96.0%	100.0%	40.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	25.0%
95.0%	0.0%	0.0%	0.0%	95.0%	95.0%	100.0%	95.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
7.4%	0.0%	0.0%	0.0%	7.4%	7.4%	100.0%	7.4%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
88.7%	0.0%	0.0%	0.0%	98.8%	94.6%	95.3%	98.8%	5.8%
6.7%	0.0%	0.0%	0.0%	40.0%	40.0%	100.0%	40.0%	33.3%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
5.3%	0.0%	0.0%	0.0%	100.0%	19.3%	19.3%	100.0%	14.0%
71.1%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	28.9%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
20.8%	0.0%	0.0%	0.0%	94.4%	46.4%	52.0%	94.4%	25.6%
27.8%	0.0%	0.0%	0.0%	27.8%	27.8%	100.0%	27.8%	0.0%
18.4%	0.0%	0.0%	0.0%	18.4%	18.4%	100.0%	18.4%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
66.7%	0.0%	0.0%	0.0%	83.3%	83.3%	100.0%	83.3%	16.7%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
11.1%	0.0%	0.0%	0.0%	11.1%	11.1%	95.7%	11.1%	0.0%
92.9%	0.0%	0.0%	0.0%	92.9%	92.9%	100.0%	92.9%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
22.0%	0.0%	0.0%	0.0%	67.0%	67.0%	100.0%	67.0%	45.0%
50.0%	0.0%	0.0%	0.0%	97.4%	97.4%	100.0%	97.4%	47.4%
52.2%	0.0%	0.0%	0.0%	52.2%	52.2%	100.0%	52.2%	0.0%
90.0%	0.0%	0.0%	0.0%	90.0%	90.0%	100.0%	90.0%	0.0%
16.7%	0.0%	0.0%	0.0%	100.0%	23.7%	23.7%	100.0%	7.9%
22.9%	0.0%	0.0%	0.0%	22.9%	22.9%	100.0%	22.9%	0.0%
66.7%	0.0%	0.0%	0.0%	66.7%	66.7%	100.0%	66.7%	0.0%
80.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	20.0%
3.7%	0.0%	0.0%	0.0%	78.3%	4.0%	9.6%	78.3%	0.6%
5.4%	0.0%	0.0%	0.0%	27.6%	27.3%	99.7%	27.6%	21.9%
97.0%	0.0%	0.0%	0.0%	97.0%	97.0%	97.0%	97.0%	0.0%

Bactrocera papayae	Bactrocera philippinensis	Bactrocera pyrifoliae	Bactrocera minax	Bactrocera tryoni	Bactrocera tsuneonis	Blitopertha orientalis	Cacoecimorpha pronubana	Cacyreus marshalli
18.2%	0.0%	0.0%	0.0%	100.0%	27.3%	27.3%	100.0%	9.1%
0.0%	0.0%	0.0%	0.0%	28.6%	7.1%	78.6%	28.6%	7.1%
76.9%	0.0%	0.0%	0.0%	79.5%	79.5%	100.0%	79.5%	2.6%
0.0%	0.0%	0.0%	0.0%	83.3%	27.8%	44.4%	83.3%	30.6%
21.4%	0.0%	0.0%	0.0%	21.4%	21.4%	100.0%	21.4%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
66.7%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	33.3%
17.8%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	82.2%
20.0%	0.0%	0.0%	0.0%	100.0%	96.0%	96.0%	100.0%	76.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	75.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
7.4%	0.0%	0.0%	0.0%	7.4%	7.4%	100.0%	7.4%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
72.8%	0.0%	0.0%	0.0%	99.6%	91.8%	92.2%	99.6%	19.1%
3.3%	0.0%	0.0%	0.0%	40.0%	40.0%	100.0%	40.0%	36.7%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
1.8%	0.0%	0.0%	0.0%	100.0%	17.5%	17.5%	100.0%	15.8%
15.6%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	84.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
16.4%	0.0%	0.0%	0.0%	93.8%	46.9%	53.1%	93.8%	30.5%
41.7%	0.0%	0.0%	0.0%	41.7%	41.7%	100.0%	41.7%	0.0%
63.2%	0.0%	0.0%	0.0%	63.2%	63.2%	100.0%	63.2%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	0.0%	0.0%	0.0%	100.0%	83.3%	83.3%	100.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
13.6%	0.0%	0.0%	0.0%	13.6%	13.6%	94.4%	13.6%	0.0%
99.4%	0.0%	0.0%	0.0%	99.4%	99.4%	100.0%	99.4%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
25.7%	0.0%	0.0%	0.0%	78.0%	78.0%	100.0%	78.0%	52.3%
23.7%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	76.3%
78.3%	0.0%	0.0%	0.0%	78.3%	78.3%	100.0%	78.3%	0.0%
80.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	20.0%
11.2%	0.0%	0.0%	0.0%	100.0%	25.6%	25.6%	100.0%	17.7%
25.5%	0.0%	0.0%	0.0%	25.5%	25.5%	100.0%	25.5%	0.0%
68.8%	0.0%	0.0%	0.0%	68.8%	68.8%	100.0%	68.8%	0.0%
30.0%	0.0%	0.0%	0.0%	100.0%	90.0%	90.0%	100.0%	60.0%
3.4%	0.0%	0.0%	0.0%	86.1%	5.9%	10.5%	86.1%	3.4%
26.9%	0.0%	0.0%	0.0%	68.4%	68.0%	99.7%	68.4%	41.1%
97.7%	0.0%	0.0%	0.0%	98.5%	97.7%	97.7%	98.5%	0.0%

Bactrocera papayae	Bactrocera philippinensis	Bactrocera pyrifoliae	Bactrocera minax	Bactrocera tryoni	Bactrocera tsuneonis	Blitopertha orientalis	Cacoecimorpha pronubana	Cacyreus marshalli
0.0%	0.0%	0.0%	0.0%	100.0%	18.2%	18.2%	100.0%	18.2%
0.0%	0.0%	0.0%	0.0%	42.9%	14.3%	71.4%	42.9%	14.3%
61.5%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	38.5%
0.0%	0.0%	0.0%	0.0%	88.9%	11.1%	22.2%	88.9%	50.0%
48.2%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	51.8%
88.9%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	11.1%
8.3%	0.0%	0.0%	0.0%	100.0%	87.5%	87.5%	100.0%	79.2%
0.0%	0.0%	0.0%	0.0%	100.0%	93.3%	93.3%	100.0%	93.3%
0.0%	0.0%	0.0%	0.0%	100.0%	96.0%	96.0%	100.0%	96.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	75.0%
80.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	20.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38.8%	0.0%	0.0%	0.0%	38.8%	38.8%	100.0%	38.8%	0.0%
16.3%	0.0%	0.0%	0.0%	100.0%	75.5%	75.5%	100.0%	59.1%
0.0%	0.0%	0.0%	0.0%	53.3%	53.3%	100.0%	53.3%	53.3%
77.3%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	22.7%
0.0%	0.0%	0.0%	0.0%	100.0%	10.5%	10.5%	100.0%	12.3%
0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
2.3%	0.0%	0.0%	0.0%	2.3%	2.3%	2.3%	2.3%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
9.9%	0.0%	0.0%	0.0%	96.2%	42.7%	46.6%	96.2%	32.8%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	83.3%	83.3%	100.0%	83.3%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
33.9%	0.0%	0.0%	0.0%	33.9%	33.9%	96.4%	33.9%	0.0%
48.5%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	51.5%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
8.3%	0.0%	0.0%	0.0%	96.3%	91.7%	95.4%	96.3%	83.5%
0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
43.5%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	56.5%
10.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	90.0%
0.9%	0.0%	0.0%	0.0%	100.0%	13.0%	13.0%	100.0%	23.7%
35.4%	0.0%	0.0%	0.0%	35.4%	35.4%	100.0%	35.4%	0.0%
58.8%	0.0%	0.0%	0.0%	88.2%	88.2%	100.0%	88.2%	29.4%
0.0%	0.0%	0.0%	0.0%	100.0%	80.0%	80.0%	100.0%	80.0%
0.0%	0.0%	0.0%	0.0%	92.3%	1.9%	5.6%	92.3%	2.8%
2.7%	0.0%	0.0%	0.0%	99.7%	96.6%	97.0%	99.7%	93.9%
96.2%	0.0%	0.0%	0.0%	100.0%	96.2%	96.2%	100.0%	0.0%

Bactrocera papayae	Bactrocera philippinensis	Bactrocera pyrifoliae	Bactrocera minax	Bactrocera tryoni	Bactrocera tsuneonis	Blitopertha orientalis	Cacoecimorpha pronubana	Cacyreus marshalli
0.0%	0.0%	0.0%	0.0%	100.0%	9.1%	9.1%	100.0%	9.1%
0.0%	0.0%	0.0%	0.0%	64.3%	14.3%	50.0%	64.3%	14.3%
48.7%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	51.3%
0.0%	0.0%	0.0%	0.0%	91.7%	13.9%	22.2%	91.7%	77.8%
2.7%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	97.3%
0.0%	0.0%	0.0%	0.0%	100.0%	94.4%	94.4%	100.0%	94.4%
0.0%	0.0%	0.0%	0.0%	100.0%	87.5%	87.5%	100.0%	87.5%
0.0%	0.0%	0.0%	0.0%	100.0%	64.4%	64.4%	100.0%	64.4%
0.0%	0.0%	0.0%	0.0%	100.0%	92.0%	92.0%	100.0%	92.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	100.0%
7.5%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	92.5%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
92.6%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51.4%	0.0%	0.0%	0.0%	51.4%	51.4%	100.0%	51.4%	0.0%
2.3%	0.0%	0.0%	0.0%	100.0%	45.5%	45.5%	100.0%	43.2%
0.0%	0.0%	0.0%	0.0%	63.3%	60.0%	96.7%	63.3%	63.3%
20.4%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	79.6%
0.0%	0.0%	0.0%	0.0%	100.0%	5.3%	5.3%	100.0%	19.3%
0.0%	0.0%	0.0%	0.0%	100.0%	86.7%	86.7%	100.0%	86.7%
3.2%	0.0%	0.0%	0.0%	3.2%	3.2%	3.2%	3.2%	0.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%
10.7%	0.0%	0.0%	0.0%	99.2%	45.0%	45.8%	99.2%	35.9%
66.7%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	33.3%
7.9%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	92.1%
0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	83.3%	83.3%	100.0%	83.3%
37.5%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	62.5%
44.9%	0.0%	0.0%	0.0%	44.9%	44.9%	98.7%	44.9%	0.0%
5.3%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	94.7%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	100.0%
1.8%	0.0%	0.0%	0.0%	100.0%	76.1%	76.1%	100.0%	74.3%
0.0%	0.0%	0.0%	0.0%	100.0%	92.1%	92.1%	100.0%	92.1%
26.1%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	73.9%
10.0%	0.0%	0.0%	0.0%	100.0%	100.0%	100.0%	100.0%	90.0%
0.0%	0.0%	0.0%	0.0%	100.0%	13.0%	13.0%	100.0%	46.5%
40.2%	0.0%	0.0%	0.0%	40.2%	40.2%	100.0%	40.2%	0.0%
47.1%	0.0%	0.0%	0.0%	94.1%	94.1%	100.0%	94.1%	47.1%
0.0%	0.0%	0.0%	0.0%	100.0%	40.0%	40.0%	100.0%	40.0%
0.0%	0.0%	0.0%	0.0%	97.8%	3.1%	5.0%	97.8%	6.8%
1.0%	0.0%	0.0%	0.0%	100.0%	95.6%	95.6%	100.0%	94.6%
82.7%	0.0%	0.0%	0.0%	100.0%	85.0%	85.0%	100.0%	2.3%

Carneocephala fulgida	Carposina sasakii	Ceratitis capitata	Ceratitis rosa	Conotrachelus nenuphar	Dacus dorsalis	Diabrotica barberi	Diabrotica speciosa	Diabrotica undecimpunctata
90.9%	18.2%	45.5%	9.1%	63.6%	54.5%	63.6%	9.1%	63.6%
7.1%	92.9%	7.1%	0.0%	100.0%	71.4%	100.0%	0.0%	100.0%
48.6%	100.0%	48.6%	48.6%	100.0%	100.0%	100.0%	48.6%	100.0%
72.2%	58.3%	41.7%	30.6%	55.6%	66.7%	55.6%	30.6%	55.6%
0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
95.8%	95.8%	87.5%	91.7%	95.8%	95.8%	95.8%	91.7%	95.8%
86.7%	100.0%	42.2%	86.7%	55.6%	100.0%	55.6%	86.7%	55.6%
100.0%	96.0%	96.0%	96.0%	92.0%	100.0%	92.0%	96.0%	92.0%
100.0%	0.0%	100.0%	50.0%	0.0%	100.0%	0.0%	50.0%	0.0%
82.5%	100.0%	82.5%	82.5%	100.0%	100.0%	100.0%	82.5%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%
98.8%	91.8%	93.4%	90.7%	96.5%	94.9%	96.5%	90.7%	96.5%
36.7%	100.0%	13.3%	36.7%	76.7%	100.0%	76.7%	36.7%	76.7%
99.4%	100.0%	99.4%	99.4%	100.0%	100.0%	100.0%	99.4%	100.0%
100.0%	19.3%	78.9%	19.3%	22.8%	87.7%	22.8%	19.3%	22.8%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
95.1%	61.8%	64.2%	56.9%	43.9%	93.5%	43.9%	56.9%	43.9%
5.6%	100.0%	5.6%	5.6%	100.0%	100.0%	100.0%	5.6%	100.0%
2.6%	100.0%	2.6%	2.6%	100.0%	100.0%	100.0%	2.6%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50.0%	100.0%	33.3%	50.0%	83.3%	100.0%	83.3%	50.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
11.3%	94.4%	6.7%	6.7%	100.0%	94.4%	100.0%	6.7%	100.0%
67.5%	100.0%	67.5%	67.5%	100.0%	100.0%	100.0%	67.5%	100.0%
100.0%	0.0%	51.3%	0.0%	48.7%	51.3%	48.7%	0.0%	48.7%
63.2%	100.0%	63.2%	63.2%	100.0%	100.0%	100.0%	63.2%	100.0%
47.7%	100.0%	21.1%	47.7%	73.4%	100.0%	73.4%	47.7%	73.4%
94.7%	100.0%	78.9%	94.7%	84.2%	100.0%	84.2%	94.7%	84.2%
34.8%	100.0%	34.8%	34.8%	100.0%	100.0%	100.0%	34.8%	100.0%
90.0%	100.0%	90.0%	90.0%	100.0%	100.0%	100.0%	90.0%	100.0%
100.0%	22.8%	69.8%	22.8%	55.3%	64.2%	55.3%	22.8%	55.3%
11.2%	100.0%	11.2%	11.2%	100.0%	100.0%	100.0%	11.2%	100.0%
81.8%	100.0%	81.8%	81.8%	100.0%	100.0%	100.0%	81.8%	100.0%
100.0%	90.0%	80.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
74.6%	22.6%	48.9%	12.4%	61.3%	58.5%	61.3%	12.4%	61.3%
12.5%	100.0%	4.4%	12.5%	91.9%	92.9%	91.9%	12.5%	91.9%
100.0%	91.7%	91.7%	91.7%	100.0%	91.7%	100.0%	91.7%	100.0%

Carneocephala fulgida	Carposina sasakii	Ceratitis capitata	Ceratitis rosa	Conotrachelus nenuphar	Dacus dorsalis	Diabrotica barberi	Diabrotica speciosa	Diabrotica undecimpunctata
100.0%	54.5%	72.7%	54.5%	63.6%	81.8%	63.6%	54.5%	63.6%
14.3%	92.9%	7.1%	7.1%	92.9%	64.3%	92.9%	7.1%	92.9%
59.0%	100.0%	59.0%	59.0%	100.0%	100.0%	100.0%	59.0%	100.0%
80.6%	47.2%	52.8%	27.8%	69.4%	44.4%	69.4%	27.8%	69.4%
3.6%	100.0%	3.6%	3.6%	100.0%	100.0%	100.0%	3.6%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	75.0%	100.0%	75.0%	100.0%	75.0%	100.0%	75.0%
97.8%	100.0%	31.1%	97.8%	33.3%	100.0%	33.3%	97.8%	33.3%
100.0%	96.0%	60.0%	96.0%	56.0%	100.0%	56.0%	96.0%	56.0%
100.0%	0.0%	100.0%	25.0%	0.0%	100.0%	0.0%	25.0%	0.0%
95.0%	100.0%	95.0%	95.0%	100.0%	100.0%	100.0%	95.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7.4%	100.0%	7.4%	7.4%	100.0%	100.0%	100.0%	7.4%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%
99.2%	95.3%	91.4%	94.6%	91.4%	98.1%	91.4%	94.6%	91.4%
40.0%	100.0%	6.7%	40.0%	66.7%	100.0%	66.7%	40.0%	66.7%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	19.3%	80.7%	19.3%	10.5%	94.7%	10.5%	19.3%	10.5%
100.0%	100.0%	71.1%	100.0%	71.1%	100.0%	71.1%	100.0%	71.1%
100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
94.4%	52.0%	65.6%	46.4%	29.6%	96.8%	29.6%	46.4%	29.6%
27.8%	100.0%	27.8%	27.8%	100.0%	100.0%	100.0%	27.8%	100.0%
18.4%	100.0%	18.4%	18.4%	100.0%	100.0%	100.0%	18.4%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	66.7%	83.3%	83.3%	100.0%	83.3%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
14.5%	95.7%	11.1%	11.1%	100.0%	95.7%	100.0%	11.1%	100.0%
92.9%	100.0%	92.9%	92.9%	100.0%	100.0%	100.0%	92.9%	100.0%
100.0%	0.0%	78.4%	0.0%	21.6%	78.4%	21.6%	0.0%	21.6%
100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
67.0%	100.0%	22.0%	67.0%	55.0%	100.0%	55.0%	67.0%	55.0%
97.4%	100.0%	50.0%	97.4%	52.6%	100.0%	52.6%	97.4%	52.6%
52.2%	100.0%	52.2%	52.2%	100.0%	100.0%	100.0%	52.2%	100.0%
90.0%	100.0%	90.0%	90.0%	100.0%	100.0%	100.0%	90.0%	100.0%
100.0%	23.7%	75.8%	24.7%	44.7%	72.1%	44.7%	24.7%	44.7%
22.9%	100.0%	22.9%	22.9%	100.0%	100.0%	100.0%	22.9%	100.0%
66.7%	100.0%	66.7%	66.7%	100.0%	100.0%	100.0%	66.7%	100.0%
100.0%	100.0%	80.0%	100.0%	80.0%	100.0%	80.0%	100.0%	80.0%
78.3%	9.6%	61.0%	4.3%	46.1%	58.8%	46.1%	4.3%	46.1%
27.6%	99.7%	5.7%	27.3%	78.1%	68.0%	78.1%	27.3%	78.1%
100.0%	97.0%	97.0%	97.0%	100.0%	97.0%	100.0%	97.0%	100.0%

Carneocephala fulgida	Carposina sasakii	Ceratitis capitata	Ceratitis rosa	Conotrachelus nenuphar	Dacus dorsalis	Diabrotica barberi	Diabrotica speciosa	Diabrotica undecimpunctata
100.0%	27.3%	63.6%	27.3%	45.5%	72.7%	45.5%	27.3%	45.5%
28.6%	78.6%	21.4%	7.1%	92.9%	35.7%	92.9%	7.1%	92.9%
79.5%	100.0%	76.9%	79.5%	97.4%	100.0%	97.4%	79.5%	97.4%
83.3%	44.4%	55.6%	30.6%	66.7%	44.4%	66.7%	30.6%	66.7%
21.4%	100.0%	21.4%	21.4%	100.0%	100.0%	100.0%	21.4%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	66.7%	100.0%	66.7%	100.0%	66.7%	100.0%	66.7%
100.0%	100.0%	17.8%	100.0%	17.8%	100.0%	17.8%	100.0%	17.8%
100.0%	96.0%	24.0%	96.0%	20.0%	100.0%	20.0%	96.0%	20.0%
100.0%	0.0%	100.0%	75.0%	0.0%	100.0%	0.0%	75.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7.4%	100.0%	7.4%	7.4%	100.0%	100.0%	100.0%	7.4%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%	0.0%	100.0%
99.6%	92.2%	78.2%	91.8%	75.5%	97.7%	75.5%	91.8%	75.5%
40.0%	100.0%	3.3%	40.0%	63.3%	90.0%	63.3%	40.0%	63.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	17.5%	82.5%	17.5%	8.8%	93.0%	8.8%	17.5%	8.8%
100.0%	100.0%	15.6%	100.0%	15.6%	100.0%	15.6%	100.0%	15.6%
100.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
93.8%	53.1%	62.5%	46.9%	23.4%	99.2%	23.4%	46.9%	23.4%
41.7%	100.0%	41.7%	41.7%	100.0%	100.0%	100.0%	41.7%	100.0%
63.2%	100.0%	63.2%	63.2%	100.0%	100.0%	100.0%	63.2%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	100.0%	83.3%	83.3%	100.0%	83.3%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
19.2%	94.4%	13.6%	13.6%	100.0%	94.4%	100.0%	13.6%	100.0%
99.4%	100.0%	99.4%	99.4%	100.0%	100.0%	100.0%	99.4%	100.0%
100.0%	0.0%	94.6%	0.0%	5.4%	94.6%	5.4%	0.0%	5.4%
100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
78.0%	100.0%	25.7%	78.0%	47.7%	100.0%	47.7%	78.0%	47.7%
100.0%	100.0%	23.7%	100.0%	23.7%	100.0%	23.7%	100.0%	23.7%
78.3%	100.0%	78.3%	78.3%	100.0%	100.0%	100.0%	78.3%	100.0%
100.0%	100.0%	80.0%	100.0%	80.0%	100.0%	80.0%	100.0%	80.0%
100.0%	25.6%	76.3%	28.8%	36.7%	74.4%	36.7%	28.8%	36.7%
25.5%	100.0%	25.5%	25.5%	100.0%	100.0%	100.0%	25.5%	100.0%
68.8%	100.0%	68.8%	68.8%	100.0%	100.0%	100.0%	68.8%	100.0%
100.0%	90.0%	30.0%	90.0%	40.0%	90.0%	40.0%	90.0%	40.0%
86.1%	10.5%	73.1%	6.8%	31.3%	68.4%	31.3%	6.8%	31.3%
68.4%	99.7%	27.3%	68.0%	58.9%	80.5%	58.9%	68.0%	58.9%
100.0%	97.7%	97.7%	97.7%	100.0%	97.7%	100.0%	97.7%	100.0%

Carneocephala fulgida	Carposina sasakii	Ceratitis capitata	Ceratitis rosa	Conotrachelus nenuphar	Dacus dorsalis	Diabrotica barberi	Diabrotica speciosa	Diabrotica undecimpunctata
100.0%	18.2%	81.8%	18.2%	0.0%	100.0%	0.0%	18.2%	0.0%
42.9%	71.4%	28.6%	14.3%	85.7%	14.3%	85.7%	14.3%	85.7%
100.0%	100.0%	61.5%	100.0%	61.5%	100.0%	61.5%	100.0%	61.5%
88.9%	22.2%	77.8%	50.0%	38.9%	63.9%	38.9%	50.0%	38.9%
100.0%	100.0%	48.2%	100.0%	48.2%	100.0%	48.2%	100.0%	48.2%
100.0%	100.0%	88.9%	100.0%	88.9%	100.0%	88.9%	100.0%	88.9%
100.0%	87.5%	20.8%	87.5%	8.3%	100.0%	8.3%	87.5%	8.3%
100.0%	93.3%	6.7%	93.3%	0.0%	100.0%	0.0%	93.3%	0.0%
100.0%	96.0%	4.0%	96.0%	0.0%	100.0%	0.0%	96.0%	0.0%
100.0%	0.0%	100.0%	75.0%	0.0%	100.0%	0.0%	75.0%	0.0%
100.0%	100.0%	80.0%	100.0%	80.0%	100.0%	80.0%	100.0%	80.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38.8%	100.0%	38.8%	38.8%	100.0%	100.0%	100.0%	38.8%	100.0%
100.0%	75.5%	35.4%	75.5%	21.8%	94.6%	21.8%	75.5%	21.8%
53.3%	100.0%	0.0%	53.3%	46.7%	76.7%	46.7%	53.3%	46.7%
100.0%	100.0%	77.3%	100.0%	77.3%	100.0%	77.3%	100.0%	77.3%
100.0%	10.5%	89.5%	12.3%	7.0%	93.0%	7.0%	12.3%	7.0%
100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
100.0%	2.3%	2.3%	2.3%	100.0%	2.3%	100.0%	2.3%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
96.2%	46.6%	63.4%	42.7%	13.7%	100.0%	13.7%	42.7%	13.7%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	16.7%	83.3%	0.0%	100.0%	0.0%	83.3%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
37.5%	96.4%	33.9%	33.9%	100.0%	96.4%	100.0%	33.9%	100.0%
100.0%	100.0%	48.5%	100.0%	48.5%	100.0%	48.5%	100.0%	48.5%
100.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
96.3%	95.4%	12.8%	91.7%	16.5%	95.4%	16.5%	91.7%	16.5%
100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
100.0%	100.0%	43.5%	100.0%	43.5%	100.0%	43.5%	100.0%	43.5%
100.0%	100.0%	10.0%	100.0%	10.0%	100.0%	10.0%	100.0%	10.0%
100.0%	13.0%	86.5%	24.7%	15.3%	85.6%	15.3%	24.7%	15.3%
35.4%	100.0%	35.4%	35.4%	100.0%	100.0%	100.0%	35.4%	100.0%
88.2%	100.0%	58.8%	88.2%	70.6%	100.0%	70.6%	88.2%	70.6%
100.0%	80.0%	20.0%	80.0%	10.0%	90.0%	10.0%	80.0%	10.0%
92.3%	5.6%	90.4%	2.8%	26.6%	70.9%	26.6%	2.8%	26.6%
99.7%	97.0%	5.7%	96.6%	6.1%	97.0%	6.1%	96.6%	6.1%
100.0%	96.2%	96.2%	96.2%	100.0%	96.2%	100.0%	96.2%	100.0%

Carneocephala fulgida	Carposina sasakii	Ceratitis capitata	Ceratitis rosa	Conotrachelus nenuphar	Dacus dorsalis	Diabrotica barberi	Diabrotica speciosa	Diabrotica undecimpunctata
100.0%	9.1%	90.9%	9.1%	0.0%	100.0%	0.0%	9.1%	0.0%
64.3%	50.0%	50.0%	14.3%	64.3%	28.6%	64.3%	14.3%	64.3%
100.0%	100.0%	48.7%	100.0%	48.7%	100.0%	48.7%	100.0%	48.7%
91.7%	22.2%	77.8%	77.8%	16.7%	83.3%	16.7%	77.8%	16.7%
100.0%	100.0%	2.7%	100.0%	2.7%	100.0%	2.7%	100.0%	2.7%
100.0%	94.4%	5.6%	94.4%	0.0%	100.0%	0.0%	94.4%	0.0%
100.0%	87.5%	12.5%	87.5%	0.0%	100.0%	0.0%	87.5%	0.0%
100.0%	64.4%	35.6%	64.4%	33.3%	66.7%	33.3%	64.4%	33.3%
100.0%	92.0%	8.0%	92.0%	0.0%	100.0%	0.0%	92.0%	0.0%
100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
100.0%	100.0%	7.5%	100.0%	7.5%	100.0%	7.5%	100.0%	7.5%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	92.6%	100.0%	92.6%	100.0%	92.6%	100.0%	92.6%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51.4%	100.0%	51.4%	51.4%	100.0%	100.0%	100.0%	51.4%	100.0%
100.0%	45.5%	54.9%	45.5%	4.3%	98.1%	4.3%	45.5%	4.3%
63.3%	96.7%	3.3%	63.3%	36.7%	70.0%	36.7%	63.3%	36.7%
100.0%	100.0%	20.4%	100.0%	20.4%	100.0%	20.4%	100.0%	20.4%
100.0%	5.3%	94.7%	19.3%	7.0%	93.0%	7.0%	19.3%	7.0%
100.0%	86.7%	13.3%	86.7%	13.3%	86.7%	13.3%	86.7%	13.3%
100.0%	3.2%	3.2%	3.2%	100.0%	3.2%	100.0%	3.2%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
99.2%	45.8%	64.9%	46.6%	11.5%	100.0%	11.5%	46.6%	11.5%
100.0%	100.0%	66.7%	100.0%	66.7%	100.0%	66.7%	100.0%	66.7%
100.0%	100.0%	7.9%	100.0%	7.9%	100.0%	7.9%	100.0%	7.9%
100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	83.3%	16.7%	83.3%	0.0%	100.0%	0.0%	83.3%	0.0%
100.0%	100.0%	37.5%	100.0%	37.5%	100.0%	37.5%	100.0%	37.5%
46.2%	98.7%	44.9%	44.9%	100.0%	98.7%	100.0%	44.9%	100.0%
100.0%	100.0%	5.3%	100.0%	5.3%	100.0%	5.3%	100.0%	5.3%
100.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%
100.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%	100.0%	0.0%
100.0%	76.1%	25.7%	76.1%	25.7%	76.1%	25.7%	76.1%	25.7%
100.0%	92.1%	7.9%	92.1%	2.6%	97.4%	2.6%	92.1%	2.6%
100.0%	100.0%	26.1%	100.0%	26.1%	100.0%	26.1%	100.0%	26.1%
100.0%	100.0%	10.0%	100.0%	10.0%	100.0%	10.0%	100.0%	10.0%
100.0%	13.0%	87.0%	47.0%	6.5%	93.5%	6.5%	46.5%	6.5%
40.2%	100.0%	40.2%	40.2%	100.0%	100.0%	100.0%	40.2%	100.0%
94.1%	100.0%	47.1%	94.1%	52.9%	100.0%	52.9%	94.1%	52.9%
100.0%	40.0%	60.0%	40.0%	40.0%	60.0%	40.0%	40.0%	40.0%
97.8%	5.0%	94.7%	6.8%	28.5%	69.7%	28.5%	6.8%	28.5%
100.0%	95.6%	5.4%	95.6%	5.4%	95.6%	5.4%	95.6%	5.4%
100.0%	85.0%	88.0%	85.0%	92.5%	90.2%	92.5%	85.0%	92.5%

Diabrotica virgifera	Diaphorina citri	Draeculacephala minerva	Dryocosmus kuriphilus	Epitrix cucumeris	Epitrix tuberis	Epochra canadensis	Eutetranychus orientalis	Gonipterus gibberus
90.9%	54.5%	90.9%	18.2%	63.6%	63.6%	63.6%	90.9%	90.9%
7.1%	71.4%	7.1%	92.9%	100.0%	100.0%	100.0%	7.1%	7.1%
48.6%	81.1%	48.6%	100.0%	100.0%	100.0%	100.0%	48.6%	48.6%
72.2%	66.7%	72.2%	58.3%	55.6%	55.6%	55.6%	72.2%	72.2%
0.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
95.8%	95.8%	95.8%	95.8%	95.8%	95.8%	95.8%	95.8%	95.8%
86.7%	100.0%	86.7%	100.0%	55.6%	55.6%	55.6%	86.7%	86.7%
100.0%	100.0%	100.0%	96.0%	92.0%	92.0%	92.0%	100.0%	100.0%
100.0%	100.0%	100.0%	0.0%	50.0%	50.0%	0.0%	100.0%	100.0%
82.5%	100.0%	82.5%	100.0%	100.0%	100.0%	100.0%	82.5%	82.5%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	100.0%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	9.8%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%
98.1%	93.8%	98.8%	91.8%	96.5%	96.5%	96.5%	98.1%	98.1%
36.7%	90.0%	36.7%	100.0%	76.7%	76.7%	76.7%	36.7%	36.7%
99.4%	100.0%	99.4%	100.0%	100.0%	100.0%	100.0%	99.4%	99.4%
100.0%	87.7%	100.0%	19.3%	22.8%	22.8%	22.8%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
95.1%	89.4%	95.1%	61.8%	43.9%	43.9%	43.9%	95.1%	95.1%
5.6%	100.0%	5.6%	100.0%	100.0%	100.0%	100.0%	5.6%	5.6%
2.6%	100.0%	2.6%	100.0%	100.0%	100.0%	100.0%	2.6%	2.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50.0%	100.0%	50.0%	100.0%	83.3%	83.3%	83.3%	50.0%	50.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
6.7%	12.3%	11.3%	94.4%	100.0%	100.0%	100.0%	6.7%	6.7%
67.5%	99.4%	67.5%	100.0%	100.0%	100.0%	100.0%	67.5%	67.5%
100.0%	51.3%	100.0%	0.0%	48.7%	48.7%	48.7%	100.0%	100.0%
63.2%	100.0%	63.2%	100.0%	100.0%	100.0%	100.0%	63.2%	63.2%
47.7%	99.1%	47.7%	100.0%	73.4%	73.4%	73.4%	47.7%	47.7%
94.7%	100.0%	94.7%	100.0%	84.2%	84.2%	84.2%	94.7%	94.7%
34.8%	100.0%	34.8%	100.0%	100.0%	100.0%	100.0%	34.8%	34.8%
90.0%	90.0%	90.0%	100.0%	100.0%	100.0%	100.0%	90.0%	90.0%
100.0%	64.2%	100.0%	22.8%	55.3%	55.3%	55.3%	100.0%	100.0%
11.2%	29.2%	11.2%	100.0%	100.0%	100.0%	100.0%	11.2%	11.2%
81.8%	81.8%	81.8%	100.0%	100.0%	100.0%	100.0%	81.8%	81.8%
100.0%	90.0%	100.0%	90.0%	90.0%	90.0%	90.0%	100.0%	100.0%
74.6%	58.5%	74.6%	22.6%	61.3%	61.3%	61.3%	74.6%	74.6%
12.5%	92.3%	12.5%	100.0%	91.9%	91.9%	91.9%	12.5%	12.5%
91.7%	91.7%	100.0%	91.7%	100.0%	100.0%	100.0%	91.7%	91.7%

Diabrotica virgifera	Diaphorina citri	Draeculacephala minerva	Dryocosmus kuriphilus	Epitrix cucumeris	Epitrix tuberis	Epochra canadensis	Eutetranychus orientalis	Gonipterus gibberus
100.0%	81.8%	100.0%	54.5%	63.6%	63.6%	63.6%	100.0%	100.0%
14.3%	64.3%	14.3%	92.9%	92.9%	92.9%	92.9%	14.3%	14.3%
59.0%	79.5%	59.0%	100.0%	100.0%	100.0%	100.0%	59.0%	59.0%
80.6%	44.4%	80.6%	47.2%	69.4%	69.4%	69.4%	80.6%	80.6%
3.6%	100.0%	3.6%	100.0%	100.0%	100.0%	100.0%	3.6%	3.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	75.0%	75.0%	75.0%	100.0%	100.0%
97.8%	100.0%	97.8%	100.0%	33.3%	33.3%	33.3%	97.8%	97.8%
100.0%	100.0%	100.0%	96.0%	56.0%	56.0%	56.0%	100.0%	100.0%
100.0%	100.0%	100.0%	0.0%	25.0%	25.0%	0.0%	100.0%	100.0%
95.0%	100.0%	95.0%	100.0%	100.0%	100.0%	100.0%	95.0%	95.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7.4%	100.0%	7.4%	100.0%	100.0%	100.0%	100.0%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	34.7%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%
98.8%	97.3%	99.2%	95.3%	91.4%	91.4%	91.4%	98.8%	98.8%
40.0%	93.3%	40.0%	100.0%	66.7%	66.7%	66.7%	40.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	94.7%	100.0%	19.3%	10.5%	10.5%	10.5%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	71.1%	71.1%	71.1%	100.0%	100.0%
0.0%	0.0%	100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
94.4%	91.2%	94.4%	52.0%	29.6%	29.6%	29.6%	94.4%	94.4%
27.8%	100.0%	27.8%	100.0%	100.0%	100.0%	100.0%	27.8%	27.8%
18.4%	100.0%	18.4%	100.0%	100.0%	100.0%	100.0%	18.4%	18.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	83.3%	100.0%	83.3%	83.3%	83.3%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
11.1%	22.2%	14.5%	95.7%	100.0%	100.0%	100.0%	11.1%	11.1%
92.9%	100.0%	92.9%	100.0%	100.0%	100.0%	100.0%	92.9%	92.9%
100.0%	78.4%	100.0%	0.0%	21.6%	21.6%	21.6%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
67.0%	100.0%	67.0%	100.0%	55.0%	55.0%	55.0%	67.0%	67.0%
97.4%	100.0%	97.4%	100.0%	52.6%	52.6%	52.6%	97.4%	97.4%
52.2%	100.0%	52.2%	100.0%	100.0%	100.0%	100.0%	52.2%	52.2%
90.0%	90.0%	90.0%	100.0%	100.0%	100.0%	100.0%	90.0%	90.0%
100.0%	72.1%	100.0%	23.7%	45.6%	45.6%	44.7%	100.0%	100.0%
22.9%	35.5%	22.9%	100.0%	100.0%	100.0%	100.0%	22.9%	22.9%
66.7%	66.7%	66.7%	100.0%	100.0%	100.0%	100.0%	66.7%	66.7%
100.0%	100.0%	100.0%	100.0%	80.0%	80.0%	80.0%	100.0%	100.0%
78.3%	58.8%	78.3%	9.6%	46.4%	46.4%	46.1%	78.3%	78.3%
27.6%	68.0%	27.6%	99.7%	78.1%	78.1%	78.1%	27.6%	27.6%
97.0%	97.0%	100.0%	97.0%	100.0%	100.0%	100.0%	97.0%	97.0%

Diabrotica virgifera	Diaphorina citri	Draeculacephala minerva	Dryocosmus kuriphilus	Epitrix cucumeris	Epitrix tuberis	Epochra canadensis	Eutetranychus orientalis	Gonipterus gibberus
100.0%	72.7%	100.0%	27.3%	45.5%	45.5%	45.5%	100.0%	100.0%
28.6%	35.7%	28.6%	78.6%	92.9%	92.9%	92.9%	28.6%	28.6%
79.5%	89.7%	79.5%	100.0%	97.4%	97.4%	97.4%	79.5%	79.5%
83.3%	44.4%	83.3%	44.4%	69.4%	69.4%	66.7%	83.3%	83.3%
21.4%	100.0%	21.4%	100.0%	100.0%	100.0%	100.0%	21.4%	21.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	66.7%	66.7%	66.7%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	17.8%	17.8%	17.8%	100.0%	100.0%
100.0%	100.0%	100.0%	96.0%	20.0%	20.0%	20.0%	100.0%	100.0%
100.0%	100.0%	100.0%	0.0%	75.0%	75.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7.4%	100.0%	7.4%	100.0%	100.0%	100.0%	100.0%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	58.8%	0.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%
99.6%	97.7%	99.6%	92.2%	75.5%	75.5%	75.5%	99.6%	99.6%
40.0%	83.3%	40.0%	100.0%	63.3%	63.3%	63.3%	40.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	93.0%	100.0%	17.5%	8.8%	8.8%	8.8%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	15.6%	15.6%	15.6%	100.0%	100.0%
0.0%	0.0%	100.0%	0.0%	100.0%	100.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
93.8%	95.3%	93.8%	53.1%	23.4%	23.4%	23.4%	93.8%	93.8%
41.7%	100.0%	41.7%	100.0%	100.0%	100.0%	100.0%	41.7%	41.7%
63.2%	100.0%	63.2%	100.0%	100.0%	100.0%	100.0%	63.2%	63.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	83.3%	83.3%	83.3%	83.3%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
13.6%	23.9%	19.2%	94.4%	100.0%	100.0%	100.0%	13.6%	13.6%
99.4%	100.0%	99.4%	100.0%	100.0%	100.0%	100.0%	99.4%	99.4%
100.0%	94.6%	100.0%	0.0%	5.4%	5.4%	5.4%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
78.0%	100.0%	78.0%	100.0%	47.7%	47.7%	47.7%	78.0%	78.0%
100.0%	100.0%	100.0%	100.0%	23.7%	23.7%	23.7%	100.0%	100.0%
78.3%	100.0%	78.3%	100.0%	100.0%	100.0%	100.0%	78.3%	78.3%
100.0%	100.0%	100.0%	100.0%	80.0%	80.0%	80.0%	100.0%	100.0%
100.0%	74.4%	100.0%	25.6%	40.0%	40.0%	36.7%	100.0%	100.0%
25.5%	39.9%	25.5%	100.0%	100.0%	100.0%	100.0%	25.5%	25.5%
68.8%	68.8%	68.8%	100.0%	100.0%	100.0%	100.0%	68.8%	68.8%
100.0%	90.0%	100.0%	90.0%	40.0%	40.0%	40.0%	100.0%	100.0%
86.1%	68.4%	86.1%	10.5%	32.2%	32.2%	31.3%	86.1%	86.1%
68.4%	80.5%	68.4%	99.7%	58.9%	58.9%	58.9%	68.4%	68.4%
98.5%	97.7%	100.0%	97.7%	100.0%	100.0%	100.0%	98.5%	98.5%

Diabrotica virgifera	Diaphorina citri	Draeculacephala minerva	Dryocosmus kuriphilus	Epitrix cucumeris	Epitrix tuberis	Epochra canadensis	Eutetranychus orientalis	Gonipterus gibberus
100.0%	100.0%	100.0%	18.2%	0.0%	0.0%	0.0%	100.0%	100.0%
42.9%	14.3%	42.9%	71.4%	85.7%	85.7%	85.7%	42.9%	42.9%
100.0%	100.0%	100.0%	100.0%	61.5%	61.5%	61.5%	100.0%	100.0%
88.9%	63.9%	88.9%	22.2%	77.8%	77.8%	38.9%	88.9%	88.9%
100.0%	100.0%	100.0%	100.0%	48.2%	48.2%	48.2%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	88.9%	88.9%	88.9%	100.0%	100.0%
100.0%	100.0%	100.0%	87.5%	8.3%	8.3%	8.3%	100.0%	100.0%
100.0%	100.0%	100.0%	93.3%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	96.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	0.0%	75.0%	75.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	80.0%	80.0%	80.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38.8%	87.8%	38.8%	100.0%	100.0%	100.0%	100.0%	38.8%	38.8%
100.0%	94.6%	100.0%	75.5%	21.8%	21.8%	21.8%	100.0%	100.0%
53.3%	76.7%	53.3%	100.0%	46.7%	46.7%	46.7%	53.3%	53.3%
100.0%	100.0%	100.0%	100.0%	77.3%	77.3%	77.3%	100.0%	100.0%
100.0%	93.0%	100.0%	10.5%	8.8%	8.8%	7.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
2.3%	2.3%	100.0%	2.3%	100.0%	100.0%	100.0%	2.3%	2.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
96.2%	96.2%	96.2%	46.6%	13.7%	13.7%	13.7%	96.2%	96.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	83.3%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
33.9%	45.1%	37.5%	96.4%	100.0%	100.0%	100.0%	33.9%	33.9%
100.0%	100.0%	100.0%	100.0%	48.5%	48.5%	48.5%	100.0%	100.0%
100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
96.3%	95.4%	96.3%	95.4%	16.5%	16.5%	16.5%	96.3%	96.3%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	43.5%	43.5%	43.5%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	10.0%	10.0%	10.0%	100.0%	100.0%
100.0%	85.6%	100.0%	13.0%	27.0%	27.0%	15.3%	100.0%	100.0%
35.4%	70.1%	35.4%	100.0%	100.0%	100.0%	100.0%	35.4%	35.4%
88.2%	88.2%	88.2%	100.0%	70.6%	70.6%	70.6%	88.2%	88.2%
100.0%	90.0%	100.0%	80.0%	10.0%	10.0%	10.0%	100.0%	100.0%
92.3%	70.9%	92.3%	5.6%	27.6%	27.6%	26.6%	92.3%	92.3%
99.7%	97.0%	99.7%	97.0%	6.1%	6.1%	6.1%	99.7%	99.7%
100.0%	96.2%	100.0%	96.2%	100.0%	100.0%	100.0%	100.0%	100.0%

Diabrotica virgifera	Diaphorina citri	Draeculacephala minerva	Dryocosmus kuriphilus	Epitrix cucumeris	Epitrix tuberis	Epochra canadensis	Eutetranychus orientalis	Gonipterus gibberus
100.0%	100.0%	100.0%	9.1%	0.0%	0.0%	0.0%	100.0%	100.0%
64.3%	35.7%	64.3%	50.0%	64.3%	64.3%	64.3%	64.3%	64.3%
100.0%	100.0%	100.0%	100.0%	48.7%	48.7%	48.7%	100.0%	100.0%
91.7%	83.3%	91.7%	22.2%	80.6%	80.6%	16.7%	91.7%	91.7%
100.0%	100.0%	100.0%	100.0%	2.7%	2.7%	2.7%	100.0%	100.0%
100.0%	100.0%	100.0%	94.4%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	87.5%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	66.7%	100.0%	64.4%	33.3%	33.3%	33.3%	100.0%	100.0%
100.0%	100.0%	100.0%	92.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	7.5%	7.5%	7.5%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	92.6%	92.6%	92.6%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51.4%	99.6%	51.4%	100.0%	100.0%	100.0%	100.0%	51.4%	51.4%
100.0%	98.1%	100.0%	45.5%	4.3%	4.3%	4.3%	100.0%	100.0%
63.3%	70.0%	63.3%	96.7%	40.0%	40.0%	36.7%	63.3%	63.3%
100.0%	100.0%	100.0%	100.0%	20.4%	20.4%	20.4%	100.0%	100.0%
100.0%	93.0%	100.0%	5.3%	21.1%	21.1%	7.0%	100.0%	100.0%
100.0%	86.7%	100.0%	86.7%	13.3%	13.3%	13.3%	100.0%	100.0%
3.2%	3.2%	100.0%	3.2%	100.0%	100.0%	100.0%	3.2%	3.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
99.2%	99.2%	99.2%	45.8%	13.0%	13.0%	11.5%	99.2%	99.2%
100.0%	100.0%	100.0%	100.0%	66.7%	66.7%	66.7%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	7.9%	7.9%	7.9%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	83.3%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	37.5%	37.5%	37.5%	100.0%	100.0%
44.9%	76.0%	46.2%	98.7%	100.0%	100.0%	100.0%	44.9%	44.9%
100.0%	100.0%	100.0%	100.0%	5.3%	5.3%	5.3%	100.0%	100.0%
100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	100.0%
100.0%	76.1%	100.0%	76.1%	25.7%	25.7%	25.7%	100.0%	100.0%
100.0%	97.4%	100.0%	92.1%	2.6%	2.6%	2.6%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	26.1%	26.1%	26.1%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	10.0%	10.0%	10.0%	100.0%	100.0%
100.0%	93.5%	100.0%	13.0%	40.0%	40.0%	6.5%	100.0%	100.0%
40.2%	90.7%	40.2%	100.0%	100.0%	100.0%	100.0%	40.2%	40.2%
94.1%	94.1%	94.1%	100.0%	52.9%	52.9%	52.9%	94.1%	94.1%
100.0%	60.0%	100.0%	40.0%	40.0%	40.0%	40.0%	100.0%	100.0%
97.8%	71.2%	97.8%	5.0%	32.2%	32.2%	28.5%	97.8%	97.8%
100.0%	95.6%	100.0%	95.6%	5.4%	5.4%	5.4%	100.0%	100.0%
100.0%	90.2%	100.0%	85.0%	92.5%	92.5%	92.5%	100.0%	100.0%

Gonipterus scutellatus	Graphocephala atropunctata	Heteronychus arator	Homalodisca coagulata	Listronotus bonariensis	Margarodes prieskaensis	Margarodes vitis	Margarodes vredendalensis	Melanotus communis
54.5%	90.9%	9.1%	90.9%	54.5%	0.0%	9.1%	0.0%	0.0%
7.1%	7.1%	0.0%	7.1%	7.1%	0.0%	0.0%	0.0%	0.0%
48.6%	48.6%	48.6%	48.6%	48.6%	0.0%	48.6%	0.0%	0.0%
58.3%	72.2%	30.6%	72.2%	58.3%	0.0%	30.6%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
95.8%	95.8%	91.7%	95.8%	95.8%	0.0%	91.7%	0.0%	0.0%
86.7%	86.7%	86.7%	86.7%	86.7%	0.0%	86.7%	0.0%	0.0%
96.0%	100.0%	96.0%	100.0%	96.0%	0.0%	96.0%	0.0%	0.0%
50.0%	100.0%	50.0%	100.0%	50.0%	0.0%	50.0%	0.0%	0.0%
82.5%	82.5%	82.5%	82.5%	82.5%	0.0%	82.5%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
94.9%	98.8%	90.7%	98.1%	95.7%	0.0%	90.7%	0.0%	0.0%
36.7%	36.7%	36.7%	36.7%	36.7%	0.0%	36.7%	0.0%	0.0%
99.4%	99.4%	99.4%	99.4%	99.4%	0.0%	99.4%	0.0%	0.0%
31.6%	100.0%	19.3%	100.0%	31.6%	0.0%	19.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
63.4%	95.1%	56.9%	95.1%	63.4%	0.0%	56.9%	0.0%	0.0%
5.6%	5.6%	5.6%	5.6%	5.6%	0.0%	5.6%	0.0%	0.0%
2.6%	2.6%	2.6%	2.6%	2.6%	0.0%	2.6%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50.0%	50.0%	50.0%	50.0%	50.0%	0.0%	50.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
6.7%	11.3%	6.7%	6.7%	11.3%	0.0%	6.7%	0.0%	0.0%
67.5%	67.5%	67.5%	67.5%	67.5%	0.0%	67.5%	0.0%	0.0%
48.7%	100.0%	0.0%	100.0%	48.7%	0.0%	0.0%	0.0%	0.0%
63.2%	63.2%	63.2%	63.2%	63.2%	0.0%	63.2%	0.0%	0.0%
47.7%	47.7%	47.7%	47.7%	47.7%	0.0%	47.7%	0.0%	0.0%
94.7%	94.7%	94.7%	94.7%	94.7%	0.0%	94.7%	0.0%	0.0%
34.8%	34.8%	34.8%	34.8%	34.8%	0.0%	34.8%	0.0%	0.0%
90.0%	90.0%	90.0%	90.0%	90.0%	0.0%	90.0%	0.0%	0.0%
58.6%	100.0%	22.8%	100.0%	58.6%	0.0%	22.8%	0.0%	0.0%
11.2%	11.2%	11.2%	11.2%	11.2%	0.0%	11.2%	0.0%	0.0%
81.8%	81.8%	81.8%	81.8%	81.8%	0.0%	81.8%	0.0%	0.0%
100.0%	100.0%	90.0%	100.0%	100.0%	0.0%	90.0%	0.0%	0.0%
38.7%	74.6%	12.4%	74.6%	38.7%	0.0%	12.4%	0.0%	0.0%
12.5%	12.5%	12.5%	12.5%	12.5%	0.0%	12.5%	0.0%	0.0%
91.7%	100.0%	91.7%	91.7%	100.0%	0.0%	91.7%	0.0%	0.0%

Gonipterus scutellatus	Graphocephala atropunctata	Heteronychus arator	Homalodisca coagulata	Listronotus bonariensis	Margarodes prieskaensis	Margarodes vitis	Margarodes vredendalensis	Melanotus communis
72.7%	100.0%	54.5%	100.0%	72.7%	0.0%	54.5%	0.0%	0.0%
14.3%	14.3%	7.1%	14.3%	14.3%	0.0%	7.1%	0.0%	0.0%
59.0%	59.0%	59.0%	59.0%	59.0%	0.0%	59.0%	0.0%	0.0%
77.8%	80.6%	27.8%	80.6%	77.8%	0.0%	27.8%	0.0%	0.0%
3.6%	3.6%	3.6%	3.6%	3.6%	0.0%	3.6%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
97.8%	97.8%	97.8%	97.8%	97.8%	0.0%	97.8%	0.0%	0.0%
96.0%	100.0%	96.0%	100.0%	96.0%	0.0%	96.0%	0.0%	0.0%
25.0%	100.0%	25.0%	100.0%	25.0%	0.0%	25.0%	0.0%	0.0%
95.0%	95.0%	95.0%	95.0%	95.0%	0.0%	95.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
7.4%	7.4%	7.4%	7.4%	7.4%	0.0%	7.4%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
96.1%	99.2%	94.6%	98.8%	96.5%	0.0%	94.6%	0.0%	0.0%
40.0%	40.0%	40.0%	40.0%	40.0%	0.0%	40.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
24.6%	100.0%	19.3%	100.0%	24.6%	0.0%	19.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
49.6%	94.4%	46.4%	94.4%	49.6%	0.0%	46.4%	0.0%	0.0%
27.8%	27.8%	27.8%	27.8%	27.8%	0.0%	27.8%	0.0%	0.0%
18.4%	18.4%	18.4%	18.4%	18.4%	0.0%	18.4%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	83.3%	83.3%	83.3%	0.0%	83.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
11.1%	14.5%	11.1%	11.1%	14.5%	0.0%	11.1%	0.0%	0.0%
92.9%	92.9%	92.9%	92.9%	92.9%	0.0%	92.9%	0.0%	0.0%
21.6%	100.0%	0.0%	100.0%	21.6%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
67.0%	67.0%	67.0%	67.0%	67.0%	0.0%	67.0%	0.0%	0.0%
97.4%	97.4%	97.4%	97.4%	97.4%	0.0%	97.4%	0.0%	0.0%
52.2%	52.2%	52.2%	52.2%	52.2%	0.0%	52.2%	0.0%	0.0%
90.0%	90.0%	90.0%	90.0%	90.0%	0.0%	90.0%	0.0%	0.0%
52.6%	100.0%	24.7%	100.0%	52.6%	0.0%	24.7%	0.0%	0.0%
22.9%	22.9%	22.9%	22.9%	22.9%	0.0%	22.9%	0.0%	0.0%
66.7%	66.7%	66.7%	66.7%	66.7%	0.0%	66.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
29.4%	78.3%	4.3%	78.3%	29.4%	0.0%	4.3%	0.0%	0.0%
27.6%	27.6%	27.3%	27.6%	27.6%	0.0%	27.3%	0.0%	0.0%
97.0%	100.0%	97.0%	97.0%	100.0%	0.0%	97.0%	0.0%	0.0%

Gonipterus scutellatus	Graphocephala atropunctata	Heteronychus arator	Homalodisca coagulata	Listronotus bonariensis	Margarodes prieskaensis	Margarodes vitis	Margarodes vredendalensis	Melanotus communis
54.5%	100.0%	27.3%	100.0%	54.5%	0.0%	27.3%	0.0%	0.0%
28.6%	28.6%	7.1%	28.6%	28.6%	0.0%	7.1%	0.0%	0.0%
79.5%	79.5%	79.5%	79.5%	79.5%	0.0%	79.5%	0.0%	0.0%
80.6%	83.3%	30.6%	83.3%	80.6%	0.0%	30.6%	0.0%	0.0%
21.4%	21.4%	21.4%	21.4%	21.4%	0.0%	21.4%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
96.0%	100.0%	96.0%	100.0%	96.0%	0.0%	96.0%	0.0%	0.0%
75.0%	100.0%	75.0%	100.0%	75.0%	0.0%	75.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
7.4%	7.4%	7.4%	7.4%	7.4%	0.0%	7.4%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
94.2%	99.6%	91.8%	99.6%	94.2%	0.0%	91.8%	0.0%	0.0%
40.0%	40.0%	40.0%	40.0%	40.0%	0.0%	40.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
24.6%	100.0%	17.5%	100.0%	24.6%	0.0%	17.5%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
47.7%	93.8%	46.9%	93.8%	47.7%	0.0%	46.9%	0.0%	0.0%
41.7%	41.7%	41.7%	41.7%	41.7%	0.0%	41.7%	0.0%	0.0%
63.2%	63.2%	63.2%	63.2%	63.2%	0.0%	63.2%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	83.3%	100.0%	83.3%	0.0%	83.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
13.6%	19.2%	13.6%	13.6%	19.2%	0.0%	13.6%	0.0%	0.0%
99.4%	99.4%	99.4%	99.4%	99.4%	0.0%	99.4%	0.0%	0.0%
5.4%	100.0%	0.0%	100.0%	5.4%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
78.0%	78.0%	78.0%	78.0%	78.0%	0.0%	78.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
78.3%	78.3%	78.3%	78.3%	78.3%	0.0%	78.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
54.4%	100.0%	28.8%	100.0%	54.4%	0.0%	28.8%	0.0%	0.0%
25.5%	25.5%	25.5%	25.5%	25.5%	0.0%	25.5%	0.0%	0.0%
68.8%	68.8%	68.8%	68.8%	68.8%	0.0%	68.8%	0.0%	0.0%
100.0%	100.0%	90.0%	100.0%	100.0%	0.0%	90.0%	0.0%	0.0%
28.8%	86.1%	6.8%	86.1%	28.8%	0.0%	6.8%	0.0%	0.0%
68.4%	68.4%	68.0%	68.4%	68.4%	0.0%	68.0%	0.0%	0.0%
98.5%	100.0%	97.7%	98.5%	100.0%	0.0%	97.7%	0.0%	0.0%

Gonipterus scutellatus	Graphocephala atropunctata	Heteronychus arator	Homalodisca coagulata	Listronotus bonariensis	Margarodes prieskaensis	Margarodes vitis	Margarodes vredendalensis	Melanotus communis
18.2%	100.0%	18.2%	100.0%	18.2%	0.0%	18.2%	0.0%	0.0%
42.9%	42.9%	14.3%	42.9%	42.9%	0.0%	14.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
77.8%	88.9%	50.0%	88.9%	77.8%	0.0%	50.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
87.5%	100.0%	87.5%	100.0%	87.5%	0.0%	87.5%	0.0%	0.0%
93.3%	100.0%	93.3%	100.0%	93.3%	0.0%	93.3%	0.0%	0.0%
96.0%	100.0%	96.0%	100.0%	96.0%	0.0%	96.0%	0.0%	0.0%
75.0%	100.0%	75.0%	100.0%	75.0%	0.0%	75.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38.8%	38.8%	38.8%	38.8%	38.8%	0.0%	38.8%	0.0%	0.0%
80.9%	100.0%	75.5%	100.0%	80.9%	0.0%	75.5%	0.0%	0.0%
53.3%	53.3%	53.3%	53.3%	53.3%	0.0%	53.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
19.3%	100.0%	12.3%	100.0%	19.3%	0.0%	12.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
2.3%	100.0%	2.3%	2.3%	100.0%	0.0%	2.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
42.7%	96.2%	42.7%	96.2%	42.7%	0.0%	42.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	83.3%	100.0%	83.3%	0.0%	83.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
33.9%	37.5%	33.9%	33.9%	37.5%	0.0%	33.9%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
96.3%	96.3%	91.7%	96.3%	96.3%	0.0%	91.7%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
39.1%	100.0%	24.7%	100.0%	39.1%	0.0%	24.7%	0.0%	0.0%
35.4%	35.4%	35.4%	35.4%	35.4%	0.0%	35.4%	0.0%	0.0%
88.2%	88.2%	88.2%	88.2%	88.2%	0.0%	88.2%	0.0%	0.0%
90.0%	100.0%	80.0%	100.0%	90.0%	0.0%	80.0%	0.0%	0.0%
25.7%	92.3%	2.8%	92.3%	25.7%	0.0%	2.8%	0.0%	0.0%
99.7%	99.7%	96.6%	99.7%	99.7%	0.0%	96.6%	0.0%	0.0%
100.0%	100.0%	96.2%	100.0%	100.0%	0.0%	96.2%	0.0%	0.0%

Gonipterus scutellatus	Graphocephala atropunctata	Heteronychus arator	Homalodisca coagulata	Listronotus bonariensis	Margarodes prieskaensis	Margarodes vitis	Margarodes vredendalensis	Melanotus communis
9.1%	100.0%	9.1%	100.0%	9.1%	0.0%	9.1%	0.0%	0.0%
50.0%	64.3%	14.3%	64.3%	50.0%	0.0%	14.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
86.1%	91.7%	77.8%	91.7%	86.1%	0.0%	77.8%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
94.4%	100.0%	94.4%	100.0%	94.4%	0.0%	94.4%	0.0%	0.0%
87.5%	100.0%	87.5%	100.0%	87.5%	0.0%	87.5%	0.0%	0.0%
97.8%	100.0%	64.4%	100.0%	97.8%	0.0%	64.4%	0.0%	0.0%
92.0%	100.0%	92.0%	100.0%	92.0%	0.0%	92.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51.4%	51.4%	51.4%	51.4%	51.4%	0.0%	51.4%	0.0%	0.0%
47.5%	100.0%	45.5%	100.0%	47.5%	0.0%	45.5%	0.0%	0.0%
63.3%	63.3%	63.3%	63.3%	63.3%	0.0%	63.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
26.3%	100.0%	19.3%	100.0%	26.3%	0.0%	19.3%	0.0%	0.0%
100.0%	100.0%	86.7%	100.0%	100.0%	0.0%	86.7%	0.0%	0.0%
3.2%	100.0%	3.2%	3.2%	100.0%	0.0%	3.2%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
46.6%	99.2%	46.6%	99.2%	46.6%	0.0%	46.6%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	83.3%	100.0%	83.3%	0.0%	83.3%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
44.9%	46.2%	44.9%	44.9%	46.2%	0.0%	44.9%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
0.0%	100.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	76.1%	100.0%	100.0%	0.0%	76.1%	0.0%	0.0%
94.7%	100.0%	92.1%	100.0%	94.7%	0.0%	92.1%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	0.0%	0.0%
53.5%	100.0%	47.0%	100.0%	53.0%	0.0%	46.5%	0.0%	0.0%
40.2%	40.2%	40.2%	40.2%	40.2%	0.0%	40.2%	0.0%	0.0%
94.1%	94.1%	94.1%	94.1%	94.1%	0.0%	94.1%	0.0%	0.0%
80.0%	100.0%	40.0%	100.0%	80.0%	0.0%	40.0%	0.0%	0.0%
35.0%	97.8%	6.8%	97.8%	35.0%	0.0%	6.8%	0.0%	0.0%
100.0%	100.0%	95.6%	100.0%	100.0%	0.0%	95.6%	0.0%	0.0%
94.7%	100.0%	85.0%	100.0%	94.7%	0.0%	85.0%	0.0%	0.0%

Metamasius hemipterus	Myndus crudus	Naupactus leucoloma	Nemorimyza maculosa	Numonia pyrivorella	Pardalaspis cyanescens	Pardalaspis quinaria	Paysandisia archon	Pheletes californicus
54.5%	90.9%	90.9%	90.9%	18.2%	0.0%	0.0%	9.1%	63.6%
7.1%	7.1%	7.1%	7.1%	92.9%	0.0%	7.1%	0.0%	100.0%
48.6%	48.6%	48.6%	48.6%	100.0%	0.0%	0.0%	48.6%	100.0%
58.3%	72.2%	72.2%	72.2%	58.3%	0.0%	27.8%	30.6%	55.6%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
95.8%	95.8%	95.8%	95.8%	95.8%	0.0%	0.0%	91.7%	95.8%
86.7%	86.7%	86.7%	86.7%	100.0%	0.0%	0.0%	86.7%	55.6%
96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	0.0%	96.0%	92.0%
50.0%	100.0%	100.0%	100.0%	0.0%	0.0%	50.0%	50.0%	0.0%
82.5%	82.5%	82.5%	82.5%	100.0%	0.0%	0.0%	82.5%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
94.9%	98.1%	98.8%	98.8%	91.8%	0.0%	0.0%	90.7%	96.5%
36.7%	36.7%	36.7%	36.7%	100.0%	0.0%	0.0%	36.7%	76.7%
99.4%	99.4%	99.4%	99.4%	100.0%	0.0%	0.0%	99.4%	100.0%
31.6%	100.0%	100.0%	100.0%	19.3%	0.0%	0.0%	19.3%	22.8%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
63.4%	95.1%	95.1%	95.1%	61.8%	0.0%	0.0%	56.9%	43.9%
5.6%	5.6%	5.6%	5.6%	100.0%	0.0%	0.0%	5.6%	100.0%
2.6%	2.6%	2.6%	2.6%	100.0%	0.0%	0.0%	2.6%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50.0%	50.0%	50.0%	50.0%	100.0%	0.0%	0.0%	50.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
6.7%	6.7%	11.3%	11.3%	94.4%	0.0%	0.0%	6.7%	100.0%
67.5%	67.5%	67.5%	67.5%	100.0%	0.0%	0.0%	67.5%	100.0%
48.7%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	48.7%
63.2%	63.2%	63.2%	63.2%	100.0%	0.0%	0.0%	63.2%	100.0%
47.7%	47.7%	47.7%	47.7%	100.0%	0.0%	0.0%	47.7%	73.4%
94.7%	94.7%	94.7%	94.7%	100.0%	0.0%	0.0%	94.7%	84.2%
34.8%	34.8%	34.8%	34.8%	100.0%	0.0%	0.0%	34.8%	100.0%
90.0%	90.0%	90.0%	90.0%	100.0%	0.0%	0.0%	90.0%	100.0%
58.6%	100.0%	100.0%	100.0%	22.8%	0.0%	8.8%	22.8%	55.3%
11.2%	11.2%	11.2%	11.2%	100.0%	0.0%	0.0%	11.2%	100.0%
81.8%	81.8%	81.8%	81.8%	100.0%	0.0%	0.0%	81.8%	100.0%
100.0%	100.0%	100.0%	100.0%	90.0%	0.0%	0.0%	90.0%	90.0%
38.7%	74.6%	74.6%	74.6%	22.6%	0.0%	1.9%	12.4%	61.3%
12.5%	12.5%	12.5%	12.5%	100.0%	0.0%	0.0%	12.5%	91.9%
91.7%	91.7%	100.0%	100.0%	91.7%	0.0%	0.0%	91.7%	100.0%

Metamasius hemipterus	Myndus crudus	Naupactus leucoloma	Nemorimyza maculosa	Numonia pyrivorella	Pardalaspis cyanescens	Pardalaspis quinaria	Paysandisia archon	Pheletes californicus
72.7%	100.0%	100.0%	100.0%	54.5%	0.0%	0.0%	54.5%	63.6%
14.3%	14.3%	14.3%	14.3%	92.9%	0.0%	7.1%	7.1%	92.9%
59.0%	59.0%	59.0%	59.0%	100.0%	0.0%	0.0%	59.0%	100.0%
77.8%	80.6%	80.6%	80.6%	47.2%	0.0%	50.0%	27.8%	69.4%
3.6%	3.6%	3.6%	3.6%	100.0%	0.0%	0.0%	3.6%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	75.0%
97.8%	97.8%	97.8%	97.8%	100.0%	0.0%	0.0%	97.8%	33.3%
96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	0.0%	96.0%	56.0%
25.0%	100.0%	100.0%	100.0%	0.0%	0.0%	25.0%	25.0%	0.0%
95.0%	95.0%	95.0%	95.0%	100.0%	0.0%	0.0%	95.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
7.4%	7.4%	7.4%	7.4%	100.0%	0.0%	0.0%	7.4%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
96.1%	98.8%	99.2%	99.2%	95.3%	0.0%	0.0%	94.6%	91.4%
40.0%	40.0%	40.0%	40.0%	100.0%	0.0%	0.0%	40.0%	66.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
24.6%	100.0%	100.0%	100.0%	19.3%	0.0%	0.0%	19.3%	10.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	71.1%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
49.6%	94.4%	94.4%	94.4%	52.0%	0.0%	0.0%	46.4%	29.6%
27.8%	27.8%	27.8%	27.8%	100.0%	0.0%	0.0%	27.8%	100.0%
18.4%	18.4%	18.4%	18.4%	100.0%	0.0%	0.0%	18.4%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	83.3%	83.3%	100.0%	0.0%	0.0%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
11.1%	11.1%	14.5%	14.5%	95.7%	0.0%	0.0%	11.1%	100.0%
92.9%	92.9%	92.9%	92.9%	100.0%	0.0%	0.0%	92.9%	100.0%
21.6%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	21.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
67.0%	67.0%	67.0%	67.0%	100.0%	0.0%	0.0%	67.0%	55.0%
97.4%	97.4%	97.4%	97.4%	100.0%	0.0%	0.0%	97.4%	52.6%
52.2%	52.2%	52.2%	52.2%	100.0%	0.0%	0.0%	52.2%	100.0%
90.0%	90.0%	90.0%	90.0%	100.0%	0.0%	0.0%	90.0%	100.0%
52.6%	100.0%	100.0%	100.0%	23.7%	0.0%	11.6%	24.7%	44.7%
22.9%	22.9%	22.9%	22.9%	100.0%	0.0%	0.0%	22.9%	100.0%
66.7%	66.7%	66.7%	66.7%	100.0%	0.0%	0.0%	66.7%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	80.0%
29.4%	78.3%	78.3%	78.3%	9.6%	0.0%	8.4%	4.3%	46.1%
27.6%	27.6%	27.6%	27.6%	99.7%	0.0%	0.3%	27.3%	78.1%
97.0%	97.0%	100.0%	100.0%	97.0%	0.0%	0.0%	97.0%	100.0%

Metamasius hemipterus	Myndus crudus	Naupactus leucoloma	Nemorimyza maculosa	Numonia pyrivorella	Pardalaspis cyanescens	Pardalaspis quinaria	Paysandisia archon	Pheletes californicus
54.5%	100.0%	100.0%	100.0%	27.3%	0.0%	0.0%	27.3%	45.5%
28.6%	28.6%	28.6%	28.6%	78.6%	0.0%	21.4%	7.1%	92.9%
79.5%	79.5%	79.5%	79.5%	100.0%	0.0%	0.0%	79.5%	97.4%
80.6%	83.3%	83.3%	83.3%	44.4%	0.0%	52.8%	30.6%	66.7%
21.4%	21.4%	21.4%	21.4%	100.0%	0.0%	0.0%	21.4%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	66.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	17.8%
96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	0.0%	96.0%	20.0%
75.0%	100.0%	100.0%	100.0%	0.0%	0.0%	75.0%	75.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
7.4%	7.4%	7.4%	7.4%	100.0%	0.0%	0.0%	7.4%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	100.0%
94.2%	99.6%	99.6%	99.6%	92.2%	0.0%	0.0%	91.8%	75.5%
40.0%	40.0%	40.0%	40.0%	100.0%	0.0%	0.0%	40.0%	63.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
24.6%	100.0%	100.0%	100.0%	17.5%	0.0%	5.3%	17.5%	8.8%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	15.6%
0.0%	0.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
47.7%	93.8%	93.8%	93.8%	53.1%	0.0%	0.0%	46.9%	23.4%
41.7%	41.7%	41.7%	41.7%	100.0%	0.0%	0.0%	41.7%	100.0%
63.2%	63.2%	63.2%	63.2%	100.0%	0.0%	0.0%	63.2%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	100.0%	100.0%	83.3%	0.0%	0.0%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
13.6%	13.6%	19.2%	19.2%	94.4%	0.0%	0.0%	13.6%	100.0%
99.4%	99.4%	99.4%	99.4%	100.0%	0.0%	0.0%	99.4%	100.0%
5.4%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	5.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
78.0%	78.0%	78.0%	78.0%	100.0%	0.0%	0.0%	78.0%	47.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	23.7%
78.3%	78.3%	78.3%	78.3%	100.0%	0.0%	0.0%	78.3%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	80.0%
54.4%	100.0%	100.0%	100.0%	25.6%	0.0%	19.5%	28.8%	36.7%
25.5%	25.5%	25.5%	25.5%	100.0%	0.0%	0.0%	25.5%	100.0%
68.8%	68.8%	68.8%	68.8%	100.0%	0.0%	0.0%	68.8%	100.0%
100.0%	100.0%	100.0%	100.0%	90.0%	0.0%	0.0%	90.0%	40.0%
28.8%	86.1%	86.1%	86.1%	10.5%	0.0%	12.4%	6.8%	31.3%
68.4%	68.4%	68.4%	68.4%	99.7%	0.0%	0.3%	68.0%	58.9%
98.5%	98.5%	100.0%	100.0%	97.7%	0.0%	0.0%	97.7%	100.0%

Metamasius hemipterus	Myndus crudus	Naupactus leucoloma	Nemorimyza maculosa	Numonia pyrivorella	Pardalaspis cyanescens	Pardalaspis quinaria	Paysandisia archon	Pheletes californicus
18.2%	100.0%	100.0%	100.0%	18.2%	0.0%	0.0%	18.2%	0.0%
42.9%	42.9%	42.9%	42.9%	71.4%	0.0%	28.6%	14.3%	85.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	61.5%
77.8%	88.9%	88.9%	88.9%	22.2%	0.0%	66.7%	50.0%	38.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	48.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	88.9%
87.5%	100.0%	100.0%	100.0%	87.5%	0.0%	0.0%	87.5%	8.3%
93.3%	100.0%	100.0%	100.0%	93.3%	0.0%	0.0%	93.3%	0.0%
96.0%	100.0%	100.0%	100.0%	96.0%	0.0%	0.0%	96.0%	0.0%
75.0%	100.0%	100.0%	100.0%	0.0%	0.0%	75.0%	75.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	80.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38.8%	38.8%	38.8%	38.8%	100.0%	0.0%	0.0%	38.8%	100.0%
80.9%	100.0%	100.0%	100.0%	75.5%	0.0%	0.0%	75.5%	21.8%
53.3%	53.3%	53.3%	53.3%	100.0%	0.0%	0.0%	53.3%	46.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	77.3%
19.3%	100.0%	100.0%	100.0%	10.5%	0.0%	8.8%	12.3%	7.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
2.3%	2.3%	100.0%	100.0%	2.3%	0.0%	0.0%	2.3%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
42.7%	96.2%	96.2%	96.2%	46.6%	0.0%	0.0%	42.7%	13.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	100.0%	100.0%	83.3%	0.0%	0.0%	83.3%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
33.9%	33.9%	37.5%	37.5%	96.4%	0.0%	0.0%	33.9%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	48.5%
0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
96.3%	96.3%	96.3%	96.3%	95.4%	0.0%	4.6%	91.7%	16.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	43.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	10.0%
39.1%	100.0%	100.0%	100.0%	13.0%	0.0%	24.7%	24.7%	15.3%
35.4%	35.4%	35.4%	35.4%	100.0%	0.0%	0.0%	35.4%	100.0%
88.2%	88.2%	88.2%	88.2%	100.0%	0.0%	0.0%	88.2%	70.6%
90.0%	100.0%	100.0%	100.0%	80.0%	0.0%	10.0%	80.0%	10.0%
25.7%	92.3%	92.3%	92.3%	5.6%	0.0%	23.8%	2.8%	26.6%
99.7%	99.7%	99.7%	99.7%	97.0%	0.0%	3.0%	96.6%	6.1%
100.0%	100.0%	100.0%	100.0%	96.2%	0.0%	0.0%	96.2%	100.0%

Metamasius hemipterus	Myndus crudus	Naupactus leucoloma	Nemorimyza maculosa	Numonia pyrivorella	Pardalaspis cyanescens	Pardalaspis quinaria	Paysandisia archon	Pheletes californicus
9.1%	100.0%	100.0%	100.0%	9.1%	0.0%	0.0%	9.1%	0.0%
50.0%	64.3%	64.3%	64.3%	50.0%	0.0%	35.7%	14.3%	64.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	48.7%
86.1%	91.7%	91.7%	91.7%	22.2%	0.0%	72.2%	77.8%	16.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	2.7%
94.4%	100.0%	100.0%	100.0%	94.4%	0.0%	0.0%	94.4%	0.0%
87.5%	100.0%	100.0%	100.0%	87.5%	0.0%	0.0%	87.5%	0.0%
97.8%	100.0%	100.0%	100.0%	64.4%	0.0%	33.3%	64.4%	33.3%
92.0%	100.0%	100.0%	100.0%	92.0%	0.0%	0.0%	92.0%	0.0%
100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	7.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	92.6%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51.4%	51.4%	51.4%	51.4%	100.0%	0.0%	0.0%	51.4%	100.0%
47.5%	100.0%	100.0%	100.0%	45.5%	0.0%	0.0%	45.5%	4.3%
63.3%	63.3%	63.3%	63.3%	96.7%	0.0%	3.3%	63.3%	36.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	20.4%
26.3%	100.0%	100.0%	100.0%	5.3%	0.0%	21.1%	19.3%	7.0%
100.0%	100.0%	100.0%	100.0%	86.7%	0.0%	13.3%	86.7%	13.3%
3.2%	3.2%	100.0%	100.0%	3.2%	0.0%	0.0%	3.2%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	100.0%
46.6%	99.2%	99.2%	99.2%	45.8%	0.0%	1.5%	46.6%	11.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	66.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	7.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	100.0%	100.0%	83.3%	0.0%	0.0%	83.3%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	37.5%
44.9%	44.9%	46.2%	46.2%	98.7%	0.0%	0.0%	44.9%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	5.3%
0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	76.1%	0.0%	23.9%	76.1%	25.7%
94.7%	100.0%	100.0%	100.0%	92.1%	0.0%	2.6%	92.1%	2.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	26.1%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	100.0%	10.0%
53.5%	100.0%	100.0%	100.0%	13.0%	0.0%	40.5%	46.5%	6.5%
40.2%	40.2%	40.2%	40.2%	100.0%	0.0%	0.0%	40.2%	100.0%
94.1%	94.1%	94.1%	94.1%	100.0%	0.0%	0.0%	94.1%	52.9%
80.0%	100.0%	100.0%	100.0%	40.0%	0.0%	40.0%	40.0%	40.0%
35.0%	97.8%	97.8%	97.8%	5.0%	0.0%	31.9%	6.8%	28.5%
100.0%	100.0%	100.0%	100.0%	95.6%	0.0%	4.4%	95.6%	5.4%
94.7%	100.0%	100.0%	100.0%	85.0%	0.0%	0.0%	85.0%	92.5%

Popillia japonica	Premnotrypes latithorax	Premnotrypes suturicallus	Premnotrypes vorax	Pterandrus rosa	Quadraspidiotus perniciosus	Rhacochlaena japonica	Rhagoletis cingulata	Rhagoletis completa
18.2%	54.5%	54.5%	54.5%	9.1%	100.0%	0.0%	100.0%	90.9%
100.0%	7.1%	7.1%	7.1%	0.0%	100.0%	0.0%	100.0%	7.1%
100.0%	48.6%	48.6%	48.6%	48.6%	100.0%	0.0%	100.0%	48.6%
86.1%	27.8%	27.8%	27.8%	30.6%	100.0%	0.0%	100.0%	72.2%
100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
95.8%	91.7%	91.7%	91.7%	91.7%	100.0%	0.0%	100.0%	95.8%
100.0%	42.2%	42.2%	42.2%	86.7%	100.0%	0.0%	100.0%	86.7%
96.0%	92.0%	92.0%	92.0%	96.0%	100.0%	0.0%	100.0%	100.0%
0.0%	50.0%	50.0%	50.0%	50.0%	100.0%	0.0%	100.0%	100.0%
100.0%	82.5%	82.5%	82.5%	82.5%	100.0%	0.0%	100.0%	82.5%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%
91.8%	95.3%	95.3%	95.3%	90.7%	99.2%	0.0%	100.0%	98.1%
100.0%	13.3%	13.3%	13.3%	36.7%	100.0%	0.0%	100.0%	36.7%
100.0%	99.4%	99.4%	99.4%	99.4%	100.0%	0.0%	100.0%	99.4%
19.3%	22.8%	22.8%	22.8%	19.3%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
61.8%	39.0%	39.0%	39.0%	56.9%	100.0%	0.0%	100.0%	95.1%
100.0%	5.6%	5.6%	5.6%	5.6%	100.0%	0.0%	100.0%	5.6%
100.0%	2.6%	2.6%	2.6%	2.6%	100.0%	0.0%	100.0%	2.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	33.3%	33.3%	33.3%	50.0%	100.0%	0.0%	100.0%	50.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
95.4%	11.3%	11.3%	11.3%	6.7%	95.4%	0.0%	100.0%	6.7%
100.0%	67.5%	67.5%	67.5%	67.5%	100.0%	0.0%	100.0%	67.5%
0.0%	48.7%	48.7%	48.7%	0.0%	100.0%	0.0%	100.0%	100.0%
100.0%	63.2%	63.2%	63.2%	63.2%	100.0%	0.0%	100.0%	63.2%
100.0%	21.1%	21.1%	21.1%	47.7%	100.0%	0.0%	100.0%	47.7%
100.0%	78.9%	78.9%	78.9%	94.7%	100.0%	0.0%	100.0%	94.7%
100.0%	34.8%	34.8%	34.8%	34.8%	100.0%	0.0%	100.0%	34.8%
100.0%	90.0%	90.0%	90.0%	90.0%	100.0%	0.0%	100.0%	90.0%
31.6%	55.3%	55.3%	55.3%	22.8%	100.0%	0.0%	100.0%	100.0%
100.0%	11.2%	11.2%	11.2%	11.2%	100.0%	0.0%	100.0%	11.2%
100.0%	81.8%	81.8%	81.8%	81.8%	100.0%	0.0%	100.0%	81.8%
90.0%	90.0%	90.0%	90.0%	90.0%	100.0%	0.0%	100.0%	100.0%
24.5%	37.5%	37.5%	37.5%	12.4%	98.5%	0.0%	98.5%	74.6%
100.0%	4.4%	4.4%	4.4%	12.5%	100.0%	0.0%	100.0%	12.5%
91.7%	100.0%	100.0%	100.0%	91.7%	91.7%	0.0%	100.0%	91.7%

Popillia japonica	Premnotrypes latithorax	Premnotrypes suturicallus	Premnotrypes vorax	Pterandrus rosa	Quadraspidiotus perniciosus	Rhacochlaena japonica	Rhagoletis cingulata	Rhagoletis completa
54.5%	63.6%	63.6%	63.6%	54.5%	100.0%	0.0%	100.0%	100.0%
100.0%	7.1%	7.1%	7.1%	7.1%	100.0%	0.0%	100.0%	14.3%
100.0%	59.0%	59.0%	59.0%	59.0%	100.0%	0.0%	100.0%	59.0%
97.2%	50.0%	50.0%	50.0%	27.8%	100.0%	0.0%	100.0%	80.6%
100.0%	3.6%	3.6%	3.6%	3.6%	100.0%	0.0%	100.0%	3.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	75.0%	75.0%	75.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	31.1%	31.1%	31.1%	97.8%	100.0%	0.0%	100.0%	97.8%
96.0%	56.0%	56.0%	56.0%	96.0%	100.0%	0.0%	100.0%	100.0%
0.0%	25.0%	25.0%	25.0%	25.0%	100.0%	0.0%	100.0%	100.0%
100.0%	95.0%	95.0%	95.0%	95.0%	100.0%	0.0%	100.0%	95.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	7.4%	7.4%	7.4%	7.4%	100.0%	0.0%	100.0%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%
95.3%	90.7%	90.7%	90.7%	94.6%	99.6%	0.0%	100.0%	98.8%
100.0%	6.7%	6.7%	6.7%	40.0%	100.0%	0.0%	100.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
19.3%	10.5%	10.5%	10.5%	19.3%	100.0%	0.0%	100.0%	100.0%
100.0%	71.1%	71.1%	71.1%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
52.0%	24.0%	24.0%	24.0%	46.4%	100.0%	0.0%	100.0%	94.4%
100.0%	27.8%	27.8%	27.8%	27.8%	100.0%	0.0%	100.0%	27.8%
100.0%	18.4%	18.4%	18.4%	18.4%	100.0%	0.0%	100.0%	18.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	66.7%	66.7%	66.7%	83.3%	100.0%	0.0%	100.0%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
96.6%	14.5%	14.5%	14.5%	11.1%	96.6%	0.0%	100.0%	11.1%
100.0%	92.9%	92.9%	92.9%	92.9%	100.0%	0.0%	100.0%	92.9%
0.0%	21.6%	21.6%	21.6%	0.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	22.0%	22.0%	22.0%	67.0%	100.0%	0.0%	100.0%	67.0%
100.0%	50.0%	50.0%	50.0%	97.4%	100.0%	0.0%	100.0%	97.4%
100.0%	52.2%	52.2%	52.2%	52.2%	100.0%	0.0%	100.0%	52.2%
100.0%	90.0%	90.0%	90.0%	90.0%	100.0%	0.0%	100.0%	90.0%
34.4%	45.6%	45.6%	45.6%	24.7%	100.0%	0.0%	100.0%	100.0%
100.0%	22.9%	22.9%	22.9%	22.9%	100.0%	0.0%	100.0%	22.9%
100.0%	66.7%	66.7%	66.7%	66.7%	100.0%	0.0%	100.0%	66.7%
100.0%	80.0%	80.0%	80.0%	100.0%	100.0%	0.0%	100.0%	100.0%
17.6%	29.1%	29.1%	29.1%	4.3%	95.7%	0.0%	95.7%	78.3%
100.0%	5.7%	5.7%	5.7%	27.3%	100.0%	0.0%	100.0%	27.6%
97.0%	100.0%	100.0%	100.0%	97.0%	97.0%	0.0%	100.0%	97.0%

Popillia japonica	Premnotrypes latithorax	Premnotrypes suturicallus	Premnotrypes vorax	Pterandrus rosa	Quadraspidiotus perniciosus	Rhacochlaena japonica	Rhagoletis cingulata	Rhagoletis completa
27.3%	45.5%	45.5%	45.5%	27.3%	100.0%	0.0%	100.0%	100.0%
100.0%	21.4%	21.4%	21.4%	7.1%	100.0%	0.0%	100.0%	28.6%
100.0%	76.9%	76.9%	76.9%	79.5%	100.0%	0.0%	100.0%	79.5%
94.4%	52.8%	52.8%	52.8%	30.6%	100.0%	0.0%	100.0%	83.3%
100.0%	21.4%	21.4%	21.4%	21.4%	100.0%	0.0%	100.0%	21.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	66.7%	66.7%	66.7%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	17.8%	17.8%	17.8%	100.0%	100.0%	0.0%	100.0%	100.0%
96.0%	20.0%	20.0%	20.0%	96.0%	100.0%	0.0%	100.0%	100.0%
0.0%	75.0%	75.0%	75.0%	75.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	7.4%	7.4%	7.4%	7.4%	100.0%	0.0%	100.0%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	0.0%
92.2%	75.1%	75.1%	75.1%	91.8%	100.0%	0.0%	100.0%	99.6%
100.0%	3.3%	3.3%	3.3%	40.0%	100.0%	0.0%	100.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
22.8%	8.8%	8.8%	8.8%	17.5%	100.0%	0.0%	100.0%	100.0%
100.0%	15.6%	15.6%	15.6%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
53.1%	17.2%	17.2%	17.2%	46.9%	100.0%	0.0%	100.0%	93.8%
100.0%	41.7%	41.7%	41.7%	41.7%	100.0%	0.0%	100.0%	41.7%
100.0%	63.2%	63.2%	63.2%	63.2%	100.0%	0.0%	100.0%	63.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	83.3%	83.3%	83.3%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
94.4%	19.2%	19.2%	19.2%	13.6%	94.4%	0.0%	100.0%	13.6%
100.0%	99.4%	99.4%	99.4%	99.4%	100.0%	0.0%	100.0%	99.4%
0.0%	5.4%	5.4%	5.4%	0.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	25.7%	25.7%	25.7%	78.0%	100.0%	0.0%	100.0%	78.0%
100.0%	23.7%	23.7%	23.7%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	78.3%	78.3%	78.3%	78.3%	100.0%	0.0%	100.0%	78.3%
100.0%	80.0%	80.0%	80.0%	100.0%	100.0%	0.0%	100.0%	100.0%
41.9%	40.0%	40.0%	40.0%	28.8%	100.0%	0.0%	100.0%	100.0%
100.0%	25.5%	25.5%	25.5%	25.5%	100.0%	0.0%	100.0%	25.5%
100.0%	68.8%	68.8%	68.8%	68.8%	100.0%	0.0%	100.0%	68.8%
90.0%	40.0%	40.0%	40.0%	90.0%	100.0%	0.0%	100.0%	100.0%
22.0%	26.3%	26.3%	26.3%	6.8%	92.0%	0.0%	92.0%	86.1%
100.0%	27.3%	27.3%	27.3%	68.0%	100.0%	0.0%	100.0%	68.4%
97.7%	100.0%	100.0%	100.0%	97.7%	98.5%	0.0%	100.0%	98.5%

Popillia japonica	Premnotrypes latithorax	Premnotrypes suturicallus	Premnotrypes vorax	Pterandrus rosa	Quadraspidiotus perniciosus	Rhacochlaena japonica	Rhagoletis cingulata	Rhagoletis completa
18.2%	0.0%	0.0%	0.0%	18.2%	100.0%	0.0%	100.0%	100.0%
100.0%	28.6%	28.6%	28.6%	14.3%	100.0%	0.0%	100.0%	42.9%
100.0%	61.5%	61.5%	61.5%	100.0%	100.0%	0.0%	100.0%	100.0%
50.0%	66.7%	66.7%	66.7%	50.0%	100.0%	0.0%	100.0%	88.9%
100.0%	48.2%	48.2%	48.2%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	88.9%	88.9%	88.9%	100.0%	100.0%	0.0%	100.0%	100.0%
87.5%	8.3%	8.3%	8.3%	87.5%	100.0%	0.0%	100.0%	100.0%
93.3%	0.0%	0.0%	0.0%	93.3%	100.0%	0.0%	100.0%	100.0%
96.0%	0.0%	0.0%	0.0%	96.0%	100.0%	0.0%	100.0%	100.0%
0.0%	75.0%	75.0%	75.0%	75.0%	100.0%	0.0%	100.0%	100.0%
100.0%	80.0%	80.0%	80.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	38.8%	38.8%	38.8%	38.8%	100.0%	0.0%	100.0%	38.8%
75.5%	21.8%	21.8%	21.8%	75.5%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	53.3%	100.0%	0.0%	100.0%	53.3%
100.0%	77.3%	77.3%	77.3%	100.0%	100.0%	0.0%	100.0%	100.0%
17.5%	8.8%	8.8%	8.8%	12.3%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
2.3%	100.0%	100.0%	100.0%	2.3%	2.3%	0.0%	100.0%	2.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
46.6%	9.9%	9.9%	9.9%	42.7%	100.0%	0.0%	100.0%	96.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	0.0%	0.0%	0.0%	83.3%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
96.4%	37.5%	37.5%	37.5%	33.9%	96.4%	0.0%	100.0%	33.9%
100.0%	48.5%	48.5%	48.5%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	12.8%	12.8%	12.8%	91.7%	100.0%	0.0%	100.0%	96.3%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	43.5%	43.5%	43.5%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	10.0%	10.0%	10.0%	100.0%	100.0%	0.0%	100.0%	100.0%
26.0%	27.0%	27.0%	27.0%	24.7%	100.0%	0.0%	100.0%	100.0%
100.0%	35.4%	35.4%	35.4%	35.4%	100.0%	0.0%	100.0%	35.4%
100.0%	58.8%	58.8%	58.8%	88.2%	100.0%	0.0%	100.0%	88.2%
90.0%	10.0%	10.0%	10.0%	80.0%	100.0%	0.0%	100.0%	100.0%
28.5%	23.8%	23.8%	23.8%	2.8%	96.0%	0.0%	96.0%	92.3%
100.0%	5.7%	5.7%	5.7%	96.6%	100.0%	0.0%	100.0%	99.7%
96.2%	100.0%	100.0%	100.0%	96.2%	100.0%	0.0%	100.0%	100.0%

Popillia japonica	Premnotrypes latithorax	Premnotrypes suturicallus	Premnotrypes vorax	Pterandrus rosa	Quadraspidiotus perniciosus	Rhacochlaena japonica	Rhagoletis cingulata	Rhagoletis completa
9.1%	0.0%	0.0%	0.0%	9.1%	100.0%	0.0%	100.0%	100.0%
78.6%	35.7%	35.7%	35.7%	14.3%	100.0%	0.0%	100.0%	64.3%
100.0%	48.7%	48.7%	48.7%	100.0%	100.0%	0.0%	100.0%	100.0%
30.6%	72.2%	72.2%	72.2%	77.8%	100.0%	0.0%	100.0%	91.7%
100.0%	2.7%	2.7%	2.7%	100.0%	100.0%	0.0%	100.0%	100.0%
94.4%	0.0%	0.0%	0.0%	94.4%	100.0%	0.0%	100.0%	100.0%
87.5%	0.0%	0.0%	0.0%	87.5%	100.0%	0.0%	100.0%	100.0%
97.8%	33.3%	33.3%	33.3%	64.4%	100.0%	0.0%	100.0%	100.0%
92.0%	0.0%	0.0%	0.0%	92.0%	100.0%	0.0%	100.0%	100.0%
0.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	7.5%	7.5%	7.5%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	92.6%	92.6%	92.6%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	51.4%	51.4%	51.4%	51.4%	100.0%	0.0%	100.0%	51.4%
45.5%	4.3%	4.3%	4.3%	45.5%	100.0%	0.0%	100.0%	100.0%
96.7%	3.3%	3.3%	3.3%	63.3%	100.0%	0.0%	100.0%	63.3%
100.0%	20.4%	20.4%	20.4%	100.0%	100.0%	0.0%	100.0%	100.0%
12.3%	21.1%	21.1%	21.1%	19.3%	100.0%	0.0%	100.0%	100.0%
100.0%	13.3%	13.3%	13.3%	86.7%	100.0%	0.0%	100.0%	100.0%
3.2%	100.0%	100.0%	100.0%	3.2%	3.2%	0.0%	100.0%	3.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%
45.8%	12.2%	12.2%	12.2%	46.6%	100.0%	0.0%	100.0%	99.2%
100.0%	66.7%	66.7%	66.7%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	7.9%	7.9%	7.9%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	0.0%	0.0%	0.0%	83.3%	100.0%	0.0%	100.0%	100.0%
100.0%	37.5%	37.5%	37.5%	100.0%	100.0%	0.0%	100.0%	100.0%
98.7%	46.2%	46.2%	46.2%	44.9%	98.7%	0.0%	100.0%	44.9%
100.0%	5.3%	5.3%	5.3%	100.0%	100.0%	0.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	100.0%	100.0%
100.0%	0.0%	0.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	25.7%	25.7%	25.7%	76.1%	100.0%	0.0%	100.0%	100.0%
94.7%	2.6%	2.6%	2.6%	92.1%	100.0%	0.0%	100.0%	100.0%
100.0%	26.1%	26.1%	26.1%	100.0%	100.0%	0.0%	100.0%	100.0%
100.0%	10.0%	10.0%	10.0%	100.0%	100.0%	0.0%	100.0%	100.0%
19.5%	40.0%	40.0%	40.0%	47.0%	100.0%	0.0%	100.0%	100.0%
100.0%	40.2%	40.2%	40.2%	40.2%	100.0%	0.0%	100.0%	40.2%
100.0%	47.1%	47.1%	47.1%	94.1%	100.0%	0.0%	100.0%	94.1%
80.0%	40.0%	40.0%	40.0%	40.0%	100.0%	0.0%	100.0%	100.0%
31.6%	31.9%	31.9%	31.9%	6.8%	99.7%	0.0%	99.7%	97.8%
100.0%	5.4%	5.4%	5.4%	95.6%	100.0%	0.0%	100.0%	100.0%
85.0%	92.5%	92.5%	92.5%	85.0%	100.0%	0.0%	100.0%	100.0%

Rhagoletis fausta	Rhagoletis indifferens	Rhagoletis mendax	Rhagoletis pomonella	Rhagoletis ribicola	Rhagoletis suavis	Rhynchophorus palmarum	Scirtothrips aurantii	Scirtothrips citri
63.6%	63.6%	63.6%	100.0%	63.6%	0.0%	9.1%	9.1%	90.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	7.1%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	48.6%	48.6%	48.6%
55.6%	55.6%	55.6%	100.0%	55.6%	0.0%	30.6%	0.0%	72.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
95.8%	95.8%	95.8%	100.0%	95.8%	0.0%	91.7%	87.5%	95.8%
55.6%	55.6%	55.6%	100.0%	55.6%	0.0%	86.7%	42.2%	86.7%
92.0%	92.0%	92.0%	100.0%	92.0%	0.0%	96.0%	92.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	50.0%	50.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	82.5%	82.5%	82.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
96.5%	96.5%	96.5%	100.0%	96.5%	0.0%	90.7%	90.3%	98.1%
76.7%	76.7%	76.7%	100.0%	76.7%	0.0%	36.7%	13.3%	36.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	99.4%	99.4%	99.4%
22.8%	22.8%	22.8%	100.0%	22.8%	0.0%	19.3%	10.5%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
43.9%	43.9%	43.9%	100.0%	43.9%	0.0%	56.9%	32.5%	95.1%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	5.6%	5.6%	5.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	2.6%	2.6%	2.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	83.3%	100.0%	83.3%	0.0%	50.0%	33.3%	50.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	6.7%	6.7%	6.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	67.5%	67.5%	67.5%
48.7%	48.7%	48.7%	100.0%	48.7%	0.0%	0.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	63.2%	63.2%	63.2%
73.4%	73.4%	73.4%	100.0%	73.4%	0.0%	47.7%	21.1%	47.7%
84.2%	84.2%	84.2%	100.0%	84.2%	0.0%	94.7%	78.9%	94.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	34.8%	34.8%	34.8%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	90.0%	90.0%	90.0%
55.3%	55.3%	55.3%	100.0%	55.3%	0.0%	22.8%	19.5%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	11.2%	11.2%	11.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	81.8%	81.8%	81.8%
90.0%	90.0%	90.0%	100.0%	90.0%	0.0%	90.0%	80.0%	100.0%
61.3%	61.3%	61.3%	98.5%	61.3%	0.0%	12.4%	11.1%	74.6%
91.9%	91.9%	91.9%	100.0%	91.9%	0.0%	12.5%	4.4%	12.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	91.7%	91.7%	91.7%

Rhagoletis fausta	Rhagoletis indifferens	Rhagoletis mendax	Rhagoletis pomonella	Rhagoletis ribicola	Rhagoletis suavis	Rhynchophorus palmarum	Scirtothrips aurantii	Scirtothrips citri
63.6%	63.6%	63.6%	100.0%	63.6%	0.0%	54.5%	45.5%	100.0%
92.9%	92.9%	92.9%	100.0%	92.9%	0.0%	7.1%	0.0%	14.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	59.0%	59.0%	59.0%
69.4%	69.4%	69.4%	100.0%	69.4%	0.0%	27.8%	0.0%	80.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	3.6%	3.6%	3.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
75.0%	75.0%	75.0%	100.0%	75.0%	0.0%	100.0%	75.0%	100.0%
33.3%	33.3%	33.3%	100.0%	33.3%	0.0%	97.8%	31.1%	97.8%
56.0%	56.0%	56.0%	100.0%	56.0%	0.0%	96.0%	56.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	25.0%	25.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	95.0%	95.0%	95.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	7.4%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
91.4%	91.4%	91.4%	100.0%	91.4%	0.0%	94.6%	88.7%	98.8%
66.7%	66.7%	66.7%	100.0%	66.7%	0.0%	40.0%	6.7%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
10.5%	10.5%	10.5%	100.0%	10.5%	0.0%	19.3%	5.3%	100.0%
71.1%	71.1%	71.1%	100.0%	71.1%	0.0%	100.0%	71.1%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
29.6%	29.6%	29.6%	100.0%	29.6%	0.0%	46.4%	20.8%	94.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	27.8%	27.8%	27.8%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	18.4%	18.4%	18.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	83.3%	100.0%	83.3%	0.0%	83.3%	66.7%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	11.1%	11.1%	11.1%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	92.9%	92.9%	92.9%
21.6%	21.6%	21.6%	100.0%	21.6%	0.0%	0.0%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%
55.0%	55.0%	55.0%	100.0%	55.0%	0.0%	67.0%	22.0%	67.0%
52.6%	52.6%	52.6%	100.0%	52.6%	0.0%	97.4%	50.0%	97.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	52.2%	52.2%	52.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	90.0%	90.0%	90.0%
44.7%	44.7%	44.7%	100.0%	44.7%	0.0%	24.7%	17.7%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	22.9%	22.9%	22.9%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	66.7%	66.7%	66.7%
80.0%	80.0%	80.0%	100.0%	80.0%	0.0%	100.0%	80.0%	100.0%
46.1%	46.1%	46.1%	95.7%	46.1%	0.0%	4.3%	4.0%	78.3%
78.1%	78.1%	78.1%	100.0%	78.1%	0.0%	27.3%	5.4%	27.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	97.0%	97.0%	97.0%

Rhagoletis fausta	Rhagoletis indifferens	Rhagoletis mendax	Rhagoletis pomonella	Rhagoletis ribicola	Rhagoletis suavis	Rhynchophorus palmarum	Scirtothrips aurantii	Scirtothrips citri
45.5%	45.5%	45.5%	100.0%	45.5%	0.0%	27.3%	18.2%	100.0%
92.9%	92.9%	92.9%	100.0%	92.9%	0.0%	7.1%	0.0%	28.6%
97.4%	97.4%	97.4%	100.0%	97.4%	0.0%	79.5%	76.9%	79.5%
66.7%	66.7%	66.7%	100.0%	66.7%	0.0%	30.6%	2.8%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	21.4%	21.4%	21.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
66.7%	66.7%	66.7%	100.0%	66.7%	0.0%	100.0%	66.7%	100.0%
17.8%	17.8%	17.8%	100.0%	17.8%	0.0%	100.0%	17.8%	100.0%
20.0%	20.0%	20.0%	100.0%	20.0%	0.0%	96.0%	20.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	75.0%	75.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	7.4%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
75.5%	75.5%	75.5%	100.0%	75.5%	0.0%	91.8%	72.8%	99.6%
63.3%	63.3%	63.3%	100.0%	63.3%	0.0%	40.0%	3.3%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
8.8%	8.8%	8.8%	100.0%	8.8%	0.0%	17.5%	1.8%	100.0%
15.6%	15.6%	15.6%	100.0%	15.6%	0.0%	100.0%	15.6%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
23.4%	23.4%	23.4%	100.0%	23.4%	0.0%	46.9%	16.4%	93.8%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	41.7%	41.7%	41.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	63.2%	63.2%	63.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	83.3%	100.0%	83.3%	0.0%	83.3%	83.3%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	13.6%	13.6%	13.6%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	99.4%	99.4%	99.4%
5.4%	5.4%	5.4%	100.0%	5.4%	0.0%	0.0%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%
47.7%	47.7%	47.7%	100.0%	47.7%	0.0%	78.0%	25.7%	78.0%
23.7%	23.7%	23.7%	100.0%	23.7%	0.0%	100.0%	23.7%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	78.3%	78.3%	78.3%
80.0%	80.0%	80.0%	100.0%	80.0%	0.0%	100.0%	80.0%	100.0%
36.7%	36.7%	36.7%	100.0%	36.7%	0.0%	28.8%	14.4%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	25.5%	25.5%	25.5%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	68.8%	68.8%	68.8%
40.0%	40.0%	40.0%	100.0%	40.0%	0.0%	90.0%	30.0%	100.0%
31.3%	31.3%	31.3%	92.0%	31.3%	0.0%	6.8%	4.3%	86.1%
58.9%	58.9%	58.9%	100.0%	58.9%	0.0%	68.0%	26.9%	68.4%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	97.7%	97.7%	98.5%

Rhagoletis fausta	Rhagoletis indifferens	Rhagoletis mendax	Rhagoletis pomonella	Rhagoletis ribicola	Rhagoletis suavis	Rhynchophorus palmarum	Scirtothrips aurantii	Scirtothrips citri
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	18.2%	0.0%	100.0%
85.7%	85.7%	85.7%	100.0%	85.7%	0.0%	14.3%	0.0%	42.9%
61.5%	61.5%	61.5%	100.0%	61.5%	0.0%	100.0%	61.5%	100.0%
38.9%	38.9%	38.9%	100.0%	38.9%	0.0%	50.0%	38.9%	88.9%
48.2%	48.2%	48.2%	100.0%	48.2%	0.0%	100.0%	48.2%	100.0%
88.9%	88.9%	88.9%	100.0%	88.9%	0.0%	100.0%	88.9%	100.0%
8.3%	8.3%	8.3%	100.0%	8.3%	0.0%	87.5%	8.3%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	93.3%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	96.0%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	75.0%	75.0%	100.0%
80.0%	80.0%	80.0%	100.0%	80.0%	0.0%	100.0%	80.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	38.8%	38.8%	38.8%
21.8%	21.8%	21.8%	100.0%	21.8%	0.0%	75.5%	16.3%	100.0%
46.7%	46.7%	46.7%	100.0%	46.7%	0.0%	53.3%	0.0%	53.3%
77.3%	77.3%	77.3%	100.0%	77.3%	0.0%	100.0%	77.3%	100.0%
7.0%	7.0%	7.0%	100.0%	7.0%	0.0%	12.3%	1.8%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	2.3%	2.3%	2.3%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
13.7%	13.7%	13.7%	100.0%	13.7%	0.0%	42.7%	9.9%	96.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	83.3%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	33.9%	33.9%	33.9%
48.5%	48.5%	48.5%	100.0%	48.5%	0.0%	100.0%	48.5%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%
16.5%	16.5%	16.5%	100.0%	16.5%	0.0%	91.7%	8.3%	96.3%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%
43.5%	43.5%	43.5%	100.0%	43.5%	0.0%	100.0%	43.5%	100.0%
10.0%	10.0%	10.0%	100.0%	10.0%	0.0%	100.0%	10.0%	100.0%
15.3%	15.3%	15.3%	100.0%	15.3%	0.0%	24.7%	12.6%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	35.4%	35.4%	35.4%
70.6%	70.6%	70.6%	100.0%	70.6%	0.0%	88.2%	58.8%	88.2%
10.0%	10.0%	10.0%	100.0%	10.0%	0.0%	80.0%	0.0%	100.0%
26.6%	26.6%	26.6%	96.0%	26.6%	0.0%	2.8%	0.9%	92.3%
6.1%	6.1%	6.1%	100.0%	6.1%	0.0%	96.6%	2.7%	99.7%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	96.2%	96.2%	100.0%

Rhagoletis fausta	Rhagoletis indifferens	Rhagoletis mendax	Rhagoletis pomonella	Rhagoletis ribicola	Rhagoletis suavis	Rhynchophorus palmarum	Scirtothrips aurantii	Scirtothrips citri
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	9.1%	0.0%	100.0%
64.3%	64.3%	64.3%	100.0%	64.3%	0.0%	14.3%	7.1%	64.3%
48.7%	48.7%	48.7%	100.0%	48.7%	0.0%	100.0%	48.7%	100.0%
16.7%	16.7%	16.7%	100.0%	16.7%	0.0%	77.8%	63.9%	91.7%
2.7%	2.7%	2.7%	100.0%	2.7%	0.0%	100.0%	2.7%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	94.4%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	87.5%	0.0%	100.0%
33.3%	33.3%	33.3%	100.0%	33.3%	0.0%	64.4%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	92.0%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	100.0%	100.0%
7.5%	7.5%	7.5%	100.0%	7.5%	0.0%	100.0%	7.5%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
92.6%	92.6%	92.6%	100.0%	92.6%	0.0%	100.0%	92.6%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	51.4%	51.4%	51.4%
4.3%	4.3%	4.3%	100.0%	4.3%	0.0%	45.5%	2.3%	100.0%
36.7%	36.7%	36.7%	100.0%	36.7%	0.0%	63.3%	3.3%	63.3%
20.4%	20.4%	20.4%	100.0%	20.4%	0.0%	100.0%	20.4%	100.0%
7.0%	7.0%	7.0%	100.0%	7.0%	0.0%	19.3%	14.0%	100.0%
13.3%	13.3%	13.3%	100.0%	13.3%	0.0%	86.7%	0.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	3.2%	3.2%	3.2%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
11.5%	11.5%	11.5%	100.0%	11.5%	0.0%	46.6%	12.2%	99.2%
66.7%	66.7%	66.7%	100.0%	66.7%	0.0%	100.0%	66.7%	100.0%
7.9%	7.9%	7.9%	100.0%	7.9%	0.0%	100.0%	7.9%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	83.3%	0.0%	100.0%
37.5%	37.5%	37.5%	100.0%	37.5%	0.0%	100.0%	37.5%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	44.9%	44.9%	44.9%
5.3%	5.3%	5.3%	100.0%	5.3%	0.0%	100.0%	5.3%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%	100.0%
0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	100.0%
25.7%	25.7%	25.7%	100.0%	25.7%	0.0%	76.1%	1.8%	100.0%
2.6%	2.6%	2.6%	100.0%	2.6%	0.0%	92.1%	0.0%	100.0%
26.1%	26.1%	26.1%	100.0%	26.1%	0.0%	100.0%	26.1%	100.0%
10.0%	10.0%	10.0%	100.0%	10.0%	0.0%	100.0%	10.0%	100.0%
6.5%	6.5%	6.5%	100.0%	6.5%	0.0%	46.5%	34.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	0.0%	40.2%	40.2%	40.2%
52.9%	52.9%	52.9%	100.0%	52.9%	0.0%	94.1%	47.1%	94.1%
40.0%	40.0%	40.0%	100.0%	40.0%	0.0%	40.0%	0.0%	100.0%
28.5%	28.5%	28.5%	99.7%	28.5%	0.0%	6.8%	5.3%	97.8%
5.4%	5.4%	5.4%	100.0%	5.4%	0.0%	95.6%	1.0%	100.0%
92.5%	92.5%	92.5%	100.0%	92.5%	0.0%	85.0%	82.7%	100.0%

Spodoptera eridania	Spodoptera frugiperda	Tecia solanivora	Tetranychus evansi	Toxoptera citricida	Trioza erytreae	Trogoderma granarium	Tuta absoluta	Unaspis citri
54.5%	90.9%	54.5%	45.5%	54.5%	9.1%	100.0%	54.5%	54.5%
7.1%	7.1%	0.0%	7.1%	7.1%	0.0%	78.6%	7.1%	7.1%
48.6%	48.6%	48.6%	48.6%	48.6%	48.6%	81.1%	48.6%	48.6%
58.3%	72.2%	0.0%	72.2%	58.3%	0.0%	94.4%	58.3%	58.3%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
95.8%	95.8%	91.7%	91.7%	95.8%	87.5%	100.0%	95.8%	95.8%
86.7%	86.7%	42.2%	86.7%	86.7%	42.2%	100.0%	86.7%	86.7%
96.0%	100.0%	92.0%	100.0%	96.0%	92.0%	100.0%	96.0%	96.0%
50.0%	100.0%	50.0%	100.0%	50.0%	50.0%	100.0%	50.0%	50.0%
82.5%	82.5%	82.5%	82.5%	82.5%	82.5%	100.0%	82.5%	82.5%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	9.8%	0.0%	0.0%
95.7%	98.8%	94.6%	93.8%	94.9%	90.3%	98.1%	95.7%	94.9%
36.7%	36.7%	13.3%	36.7%	36.7%	13.3%	90.0%	36.7%	36.7%
99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	100.0%	99.4%	99.4%
31.6%	100.0%	22.8%	87.7%	31.6%	10.5%	100.0%	31.6%	31.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
63.4%	95.1%	39.0%	88.6%	63.4%	32.5%	95.9%	63.4%	63.4%
5.6%	5.6%	5.6%	5.6%	5.6%	5.6%	100.0%	5.6%	5.6%
2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	100.0%	2.6%	2.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
50.0%	50.0%	33.3%	50.0%	50.0%	33.3%	100.0%	50.0%	50.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
11.3%	11.3%	6.7%	6.7%	6.7%	6.7%	12.3%	11.3%	6.7%
67.5%	67.5%	67.5%	67.5%	67.5%	67.5%	99.4%	67.5%	67.5%
48.7%	100.0%	48.7%	51.3%	48.7%	0.0%	100.0%	48.7%	48.7%
63.2%	63.2%	63.2%	63.2%	63.2%	63.2%	100.0%	63.2%	63.2%
47.7%	47.7%	21.1%	47.7%	47.7%	21.1%	99.1%	47.7%	47.7%
94.7%	94.7%	78.9%	94.7%	94.7%	78.9%	100.0%	94.7%	94.7%
34.8%	34.8%	34.8%	34.8%	34.8%	34.8%	100.0%	34.8%	34.8%
90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
58.6%	100.0%	46.5%	73.0%	58.6%	19.5%	100.0%	58.6%	58.6%
11.2%	11.2%	11.2%	11.2%	11.2%	11.2%	29.2%	11.2%	11.2%
81.8%	81.8%	81.8%	81.8%	81.8%	81.8%	81.8%	81.8%	81.8%
100.0%	100.0%	90.0%	90.0%	100.0%	80.0%	100.0%	100.0%	100.0%
38.7%	74.6%	35.6%	50.2%	38.7%	11.1%	84.8%	38.7%	38.7%
12.5%	12.5%	4.4%	12.5%	12.5%	4.4%	92.3%	12.5%	12.5%
100.0%	100.0%	91.7%	91.7%	91.7%	91.7%	91.7%	100.0%	91.7%

Spodoptera eridania	Spodoptera frugiperda	Tecia solanivora	Tetranychus evansi	Toxoptera citricida	Trioza erytreae	Trogoderma granarium	Tuta absoluta	Unaspis citri
72.7%	100.0%	63.6%	81.8%	72.7%	45.5%	100.0%	72.7%	72.7%
14.3%	14.3%	0.0%	14.3%	14.3%	0.0%	71.4%	14.3%	14.3%
59.0%	59.0%	59.0%	59.0%	59.0%	59.0%	79.5%	59.0%	59.0%
77.8%	80.6%	0.0%	80.6%	77.8%	0.0%	94.4%	77.8%	77.8%
3.6%	3.6%	3.6%	3.6%	3.6%	3.6%	100.0%	3.6%	3.6%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	75.0%	100.0%	100.0%	75.0%	100.0%	100.0%	100.0%
97.8%	97.8%	31.1%	97.8%	97.8%	31.1%	100.0%	97.8%	97.8%
96.0%	100.0%	56.0%	100.0%	96.0%	56.0%	100.0%	96.0%	96.0%
25.0%	100.0%	25.0%	100.0%	25.0%	25.0%	100.0%	25.0%	25.0%
95.0%	95.0%	95.0%	95.0%	95.0%	95.0%	100.0%	95.0%	95.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	100.0%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	34.7%	0.0%	0.0%
96.5%	99.2%	90.3%	97.3%	96.1%	88.7%	98.8%	96.5%	96.1%
40.0%	40.0%	6.7%	40.0%	40.0%	6.7%	93.3%	40.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
24.6%	100.0%	10.5%	94.7%	24.6%	5.3%	100.0%	24.6%	24.6%
100.0%	100.0%	71.1%	100.0%	100.0%	71.1%	100.0%	100.0%	100.0%
100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
49.6%	94.4%	24.0%	91.2%	49.6%	20.8%	94.4%	49.6%	49.6%
27.8%	27.8%	27.8%	27.8%	27.8%	27.8%	100.0%	27.8%	27.8%
18.4%	18.4%	18.4%	18.4%	18.4%	18.4%	100.0%	18.4%	18.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	83.3%	66.7%	83.3%	83.3%	66.7%	100.0%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
14.5%	14.5%	11.1%	11.1%	11.1%	11.1%	22.2%	14.5%	11.1%
92.9%	92.9%	92.9%	92.9%	92.9%	92.9%	100.0%	92.9%	92.9%
21.6%	100.0%	21.6%	78.4%	21.6%	0.0%	100.0%	21.6%	21.6%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
67.0%	67.0%	22.0%	67.0%	67.0%	22.0%	100.0%	67.0%	67.0%
97.4%	97.4%	50.0%	97.4%	97.4%	50.0%	100.0%	97.4%	97.4%
52.2%	52.2%	52.2%	52.2%	52.2%	52.2%	100.0%	52.2%	52.2%
90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%	90.0%
52.6%	100.0%	34.9%	82.8%	52.6%	17.7%	100.0%	52.6%	52.6%
22.9%	22.9%	22.9%	22.9%	22.9%	22.9%	35.5%	22.9%	22.9%
66.7%	66.7%	66.7%	66.7%	66.7%	66.7%	66.7%	66.7%	66.7%
100.0%	100.0%	80.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%
29.4%	78.3%	21.1%	61.3%	29.4%	4.0%	83.9%	29.4%	29.4%
27.6%	27.6%	5.4%	27.6%	27.6%	5.4%	68.4%	27.6%	27.6%
100.0%	100.0%	97.0%	97.0%	97.0%	97.0%	97.0%	100.0%	97.0%

Spodoptera eridania	Spodoptera frugiperda	Tecia solanivora	Tetranychus evansi	Toxoptera citricida	Trioza erytreae	Trogoderma granarium	Tuta absoluta	Unaspis citri
54.5%	100.0%	45.5%	72.7%	54.5%	18.2%	100.0%	54.5%	54.5%
28.6%	28.6%	0.0%	28.6%	28.6%	0.0%	57.1%	28.6%	28.6%
79.5%	79.5%	76.9%	79.5%	79.5%	76.9%	89.7%	79.5%	79.5%
80.6%	83.3%	2.8%	83.3%	80.6%	2.8%	94.4%	80.6%	80.6%
21.4%	21.4%	21.4%	21.4%	21.4%	21.4%	100.0%	21.4%	21.4%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	66.7%	100.0%	100.0%	66.7%	100.0%	100.0%	100.0%
100.0%	100.0%	17.8%	100.0%	100.0%	17.8%	100.0%	100.0%	100.0%
96.0%	100.0%	20.0%	100.0%	96.0%	20.0%	100.0%	96.0%	96.0%
75.0%	100.0%	75.0%	100.0%	75.0%	75.0%	100.0%	75.0%	75.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
7.4%	7.4%	7.4%	7.4%	7.4%	7.4%	100.0%	7.4%	7.4%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	58.8%	0.0%	0.0%
94.2%	99.6%	75.1%	97.3%	94.2%	72.8%	100.0%	94.2%	94.2%
40.0%	40.0%	3.3%	40.0%	40.0%	3.3%	83.3%	40.0%	40.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
24.6%	100.0%	3.5%	98.2%	24.6%	1.8%	100.0%	24.6%	24.6%
100.0%	100.0%	15.6%	100.0%	100.0%	15.6%	100.0%	100.0%	100.0%
100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
47.7%	93.8%	17.2%	93.0%	47.7%	16.4%	96.1%	47.7%	47.7%
41.7%	41.7%	41.7%	41.7%	41.7%	41.7%	100.0%	41.7%	41.7%
63.2%	63.2%	63.2%	63.2%	63.2%	63.2%	100.0%	63.2%	63.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	83.3%	100.0%	83.3%	83.3%	100.0%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
19.2%	19.2%	13.6%	13.6%	13.6%	13.6%	23.9%	19.2%	13.6%
99.4%	99.4%	99.4%	99.4%	99.4%	99.4%	100.0%	99.4%	99.4%
5.4%	100.0%	5.4%	94.6%	5.4%	0.0%	100.0%	5.4%	5.4%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
78.0%	78.0%	25.7%	78.0%	78.0%	25.7%	100.0%	78.0%	78.0%
100.0%	100.0%	23.7%	100.0%	100.0%	23.7%	100.0%	100.0%	100.0%
78.3%	78.3%	78.3%	78.3%	78.3%	78.3%	100.0%	78.3%	78.3%
100.0%	100.0%	80.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%
54.4%	100.0%	23.7%	90.7%	54.4%	14.4%	100.0%	54.4%	54.4%
25.5%	25.5%	25.5%	25.5%	25.5%	25.5%	39.9%	25.5%	25.5%
68.8%	68.8%	68.8%	68.8%	68.8%	68.8%	68.8%	68.8%	68.8%
100.0%	100.0%	40.0%	90.0%	100.0%	30.0%	100.0%	100.0%	100.0%
28.8%	86.1%	14.9%	75.5%	28.8%	4.3%	90.4%	28.8%	28.8%
68.4%	68.4%	26.9%	68.4%	68.4%	26.9%	80.8%	68.4%	68.4%
100.0%	100.0%	98.5%	97.7%	98.5%	97.7%	98.5%	100.0%	98.5%

Spodoptera eridania	Spodoptera frugiperda	Tecia solanivora	Tetranychus evansi	Toxoptera citricida	Trioza erytreae	Trogoderma granarium	Tuta absoluta	Unaspis citri
18.2%	100.0%	0.0%	100.0%	18.2%	0.0%	100.0%	18.2%	18.2%
42.9%	42.9%	0.0%	42.9%	42.9%	0.0%	42.9%	42.9%	42.9%
100.0%	100.0%	61.5%	100.0%	100.0%	61.5%	100.0%	100.0%	100.0%
77.8%	88.9%	38.9%	88.9%	77.8%	38.9%	91.7%	77.8%	77.8%
100.0%	100.0%	48.2%	100.0%	100.0%	48.2%	100.0%	100.0%	100.0%
100.0%	100.0%	88.9%	100.0%	100.0%	88.9%	100.0%	100.0%	100.0%
87.5%	100.0%	8.3%	100.0%	87.5%	8.3%	100.0%	87.5%	87.5%
93.3%	100.0%	0.0%	100.0%	93.3%	0.0%	100.0%	93.3%	93.3%
96.0%	100.0%	0.0%	100.0%	96.0%	0.0%	100.0%	96.0%	96.0%
75.0%	100.0%	75.0%	100.0%	75.0%	75.0%	100.0%	75.0%	75.0%
100.0%	100.0%	80.0%	100.0%	100.0%	80.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
38.8%	38.8%	38.8%	38.8%	38.8%	38.8%	87.8%	38.8%	38.8%
80.9%	100.0%	21.8%	94.6%	80.9%	16.3%	100.0%	80.9%	80.9%
53.3%	53.3%	0.0%	53.3%	53.3%	0.0%	76.7%	53.3%	53.3%
100.0%	100.0%	77.3%	100.0%	100.0%	77.3%	100.0%	100.0%	100.0%
19.3%	100.0%	1.8%	100.0%	19.3%	1.8%	100.0%	19.3%	19.3%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	2.3%	2.3%	2.3%	2.3%	2.3%	100.0%	2.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
42.7%	96.2%	9.9%	96.2%	42.7%	9.9%	96.2%	42.7%	42.7%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	0.0%	100.0%	83.3%	0.0%	100.0%	83.3%	83.3%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
37.5%	37.5%	33.9%	33.9%	33.9%	33.9%	45.1%	37.5%	33.9%
100.0%	100.0%	48.5%	100.0%	100.0%	48.5%	100.0%	100.0%	100.0%
0.0%	100.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
96.3%	96.3%	8.3%	96.3%	96.3%	8.3%	100.0%	96.3%	96.3%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	43.5%	100.0%	100.0%	43.5%	100.0%	100.0%	100.0%
100.0%	100.0%	10.0%	100.0%	100.0%	10.0%	100.0%	100.0%	100.0%
39.1%	100.0%	14.0%	98.6%	39.1%	12.6%	100.0%	39.1%	39.1%
35.4%	35.4%	35.4%	35.4%	35.4%	35.4%	70.1%	35.4%	35.4%
88.2%	88.2%	58.8%	88.2%	88.2%	58.8%	88.2%	88.2%	88.2%
90.0%	100.0%	0.0%	100.0%	90.0%	0.0%	100.0%	90.0%	90.0%
25.7%	92.3%	0.9%	92.3%	25.7%	0.9%	93.8%	25.7%	25.7%
99.7%	99.7%	2.7%	99.7%	99.7%	2.7%	100.0%	99.7%	99.7%
100.0%	100.0%	100.0%	96.2%	100.0%	96.2%	100.0%	100.0%	100.0%

Spodoptera eridania	Spodoptera frugiperda	Tecia solanivora	Tetranychus evansi	Toxoptera citricida	Trioza erytreae	Trogoderma granarium	Tuta absoluta	Unaspis citri
9.1%	100.0%	0.0%	100.0%	9.1%	0.0%	100.0%	9.1%	9.1%
50.0%	64.3%	0.0%	64.3%	42.9%	0.0%	64.3%	50.0%	50.0%
100.0%	100.0%	48.7%	100.0%	100.0%	48.7%	100.0%	100.0%	100.0%
86.1%	91.7%	63.9%	91.7%	86.1%	63.9%	91.7%	86.1%	86.1%
100.0%	100.0%	2.7%	100.0%	100.0%	2.7%	100.0%	100.0%	100.0%
94.4%	100.0%	0.0%	100.0%	94.4%	0.0%	100.0%	94.4%	94.4%
87.5%	100.0%	0.0%	100.0%	87.5%	0.0%	100.0%	87.5%	87.5%
97.8%	100.0%	0.0%	100.0%	97.8%	0.0%	100.0%	97.8%	97.8%
92.0%	100.0%	0.0%	100.0%	92.0%	0.0%	100.0%	92.0%	92.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	7.5%	100.0%	100.0%	7.5%	100.0%	100.0%	100.0%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
100.0%	100.0%	92.6%	100.0%	100.0%	92.6%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
51.4%	51.4%	51.4%	51.4%	51.4%	51.4%	99.6%	51.4%	51.4%
47.5%	100.0%	4.3%	98.1%	47.5%	2.3%	100.0%	47.5%	47.5%
63.3%	63.3%	3.3%	63.3%	63.3%	3.3%	70.0%	63.3%	63.3%
100.0%	100.0%	20.4%	100.0%	100.0%	20.4%	100.0%	100.0%	100.0%
26.3%	100.0%	14.0%	100.0%	26.3%	14.0%	100.0%	26.3%	26.3%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	3.2%	3.2%	3.2%	3.2%	3.2%	100.0%	3.2%
100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
46.6%	99.2%	12.2%	99.2%	46.6%	12.2%	99.2%	46.6%	46.6%
100.0%	100.0%	66.7%	100.0%	100.0%	66.7%	100.0%	100.0%	100.0%
100.0%	100.0%	7.9%	100.0%	100.0%	7.9%	100.0%	100.0%	100.0%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
83.3%	100.0%	0.0%	100.0%	83.3%	0.0%	100.0%	83.3%	83.3%
100.0%	100.0%	37.5%	100.0%	100.0%	37.5%	100.0%	100.0%	100.0%
46.2%	46.2%	44.9%	44.9%	44.9%	44.9%	76.0%	46.2%	44.9%
100.0%	100.0%	5.3%	100.0%	100.0%	5.3%	100.0%	100.0%	100.0%
0.0%	100.0%	0.0%	100.0%	0.0%	0.0%	100.0%	0.0%	0.0%
100.0%	100.0%	0.0%	100.0%	100.0%	0.0%	100.0%	100.0%	100.0%
100.0%	100.0%	1.8%	100.0%	100.0%	1.8%	100.0%	100.0%	100.0%
94.7%	100.0%	0.0%	100.0%	94.7%	0.0%	100.0%	94.7%	94.7%
100.0%	100.0%	26.1%	100.0%	100.0%	26.1%	100.0%	100.0%	100.0%
100.0%	100.0%	10.0%	100.0%	100.0%	10.0%	100.0%	100.0%	100.0%
53.5%	100.0%	33.5%	100.0%	53.5%	34.0%	100.0%	53.0%	53.5%
40.2%	40.2%	40.2%	40.2%	40.2%	40.2%	90.7%	40.2%	40.2%
94.1%	94.1%	47.1%	94.1%	94.1%	47.1%	94.1%	94.1%	94.1%
80.0%	100.0%	0.0%	100.0%	80.0%	0.0%	100.0%	80.0%	80.0%
35.0%	97.8%	3.7%	97.8%	33.4%	3.7%	97.8%	35.0%	35.0%
100.0%	100.0%	1.0%	100.0%	100.0%	1.0%	100.0%	100.0%	100.0%
94.7%	100.0%	92.5%	90.2%	94.7%	82.7%	100.0%	94.7%	94.7%

Diaphania perspectalis	Diocalandra frumenti	Drosophila suzukii	Epitrix similaris
0.0%	9.1%	18.2%	0.0%
0.0%	0.0%	100.0%	0.0%
0.0%	48.6%	100.0%	0.0%
0.0%	30.6%	86.1%	0.0%
0.0%	0.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	91.7%	95.8%	0.0%
0.0%	86.7%	100.0%	0.0%
0.0%	96.0%	96.0%	0.0%
0.0%	50.0%	0.0%	0.0%
0.0%	82.5%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	100.0%	0.0%
0.0%	90.7%	91.8%	0.0%
0.0%	36.7%	100.0%	0.0%
0.0%	99.4%	100.0%	0.0%
0.0%	19.3%	19.3%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	56.9%	61.8%	0.0%
0.0%	5.6%	100.0%	0.0%
0.0%	2.6%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	50.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	6.7%	95.4%	0.0%
0.0%	67.5%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	63.2%	100.0%	0.0%
0.0%	47.7%	100.0%	0.0%
0.0%	94.7%	100.0%	0.0%
0.0%	34.8%	100.0%	0.0%
0.0%	90.0%	100.0%	0.0%
0.0%	22.8%	31.6%	0.0%
0.0%	11.2%	100.0%	0.0%
0.0%	81.8%	100.0%	0.0%
0.0%	90.0%	90.0%	0.0%
0.0%	12.4%	24.5%	0.0%
0.0%	12.5%	100.0%	0.0%
0.0%	91.7%	91.7%	0.0%

Diaphania perspectalis	Diocalandra frumenti	Drosophila suzukii	Epitrix similaris
0.0%	54.5%	54.5%	0.0%
0.0%	7.1%	100.0%	0.0%
0.0%	59.0%	100.0%	0.0%
0.0%	27.8%	97.2%	0.0%
0.0%	3.6%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	97.8%	100.0%	0.0%
0.0%	96.0%	96.0%	0.0%
0.0%	25.0%	0.0%	0.0%
0.0%	95.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	7.4%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	100.0%	0.0%
0.0%	94.6%	95.3%	0.0%
0.0%	40.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	19.3%	19.3%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	46.4%	52.0%	0.0%
0.0%	27.8%	100.0%	0.0%
0.0%	18.4%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	83.3%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	11.1%	96.6%	0.0%
0.0%	92.9%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	67.0%	100.0%	0.0%
0.0%	97.4%	100.0%	0.0%
0.0%	52.2%	100.0%	0.0%
0.0%	90.0%	100.0%	0.0%
0.0%	24.7%	34.4%	0.0%
0.0%	22.9%	100.0%	0.0%
0.0%	66.7%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	4.3%	17.6%	0.0%
0.0%	27.3%	100.0%	0.0%
0.0%	97.0%	97.0%	0.0%

Diaphania perspectalis	Diocalandra frumenti	Drosophila suzukii	Epitrix similaris
0.0%	27.3%	27.3%	0.0%
0.0%	7.1%	100.0%	0.0%
0.0%	79.5%	100.0%	0.0%
0.0%	30.6%	94.4%	0.0%
0.0%	21.4%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	96.0%	96.0%	0.0%
0.0%	75.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	7.4%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	0.0%	100.0%	0.0%
0.0%	91.8%	92.2%	0.0%
0.0%	40.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	17.5%	22.8%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	46.9%	53.1%	0.0%
0.0%	41.7%	100.0%	0.0%
0.0%	63.2%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	83.3%	83.3%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	13.6%	94.4%	0.0%
0.0%	99.4%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	78.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	78.3%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	28.8%	41.9%	0.0%
0.0%	25.5%	100.0%	0.0%
0.0%	68.8%	100.0%	0.0%
0.0%	90.0%	90.0%	0.0%
0.0%	6.8%	22.0%	0.0%
0.0%	68.0%	100.0%	0.0%
0.0%	97.7%	97.7%	0.0%

Diaphania perspectalis	Diocalandra frumenti	Drosophila suzukii	Epitrix similaris
0.0%	18.2%	18.2%	0.0%
0.0%	14.3%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	50.0%	50.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	87.5%	87.5%	0.0%
0.0%	93.3%	93.3%	0.0%
0.0%	96.0%	96.0%	0.0%
0.0%	75.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	38.8%	100.0%	0.0%
0.0%	75.5%	75.5%	0.0%
0.0%	53.3%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	12.3%	17.5%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	2.3%	2.3%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	42.7%	46.6%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	83.3%	83.3%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	33.9%	96.4%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	91.7%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	24.7%	26.0%	0.0%
0.0%	35.4%	100.0%	0.0%
0.0%	88.2%	100.0%	0.0%
0.0%	80.0%	90.0%	0.0%
0.0%	2.8%	28.5%	0.0%
0.0%	96.6%	100.0%	0.0%
0.0%	96.2%	96.2%	0.0%

Diaphania perspectalis	Diocalandra frumenti	Drosophila suzukii	Epitrix similaris
0.0%	9.1%	9.1%	0.0%
0.0%	14.3%	78.6%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	77.8%	30.6%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	94.4%	94.4%	0.0%
0.0%	87.5%	87.5%	0.0%
0.0%	64.4%	97.8%	0.0%
0.0%	92.0%	92.0%	0.0%
0.0%	100.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	51.4%	100.0%	0.0%
0.0%	45.5%	45.5%	0.0%
0.0%	63.3%	96.7%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	19.3%	12.3%	0.0%
0.0%	86.7%	100.0%	0.0%
0.0%	3.2%	3.2%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	46.6%	45.8%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	83.3%	83.3%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	44.9%	98.7%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	0.0%	0.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	76.1%	100.0%	0.0%
0.0%	92.1%	94.7%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	100.0%	100.0%	0.0%
0.0%	47.0%	19.5%	0.0%
0.0%	40.2%	100.0%	0.0%
0.0%	94.1%	100.0%	0.0%
0.0%	40.0%	80.0%	0.0%
0.0%	6.8%	31.6%	0.0%
0.0%	95.6%	100.0%	0.0%
0.0%	85.0%	85.0%	0.0%

Data S1: Full description of Materials & Methods

General

For 118 quarantine alien arthropod species in agriculture listed by the EU Directive (European Council Directive 2000/29/EC) and the European and Mediterranean Plant Protection Organization (EPPO) as of the end of December 2010, we quantified the propagule pressure through agricultural trade, together with climate-suitability and host-availability in 27 European EPPO member states. We excluded 92 quarantine alien arthropods in forestry because these had a more restricted European distribution than agricultural pests with only 6 of them being established in more than one European country and therefore making it difficult to develop predictive models for them.

We tested the importance of the propagule pressure, climate suitability and host availability in describing arthropod invasions in 27 European countries, and developed a predictive model to quantify the *Likelihood of Arthropod Invasions (LAI)* in Europe for all 118 quarantine arthropods. We aggregated the LAI values through summation across European countries and arthropod species in order to quantify the total LAI to each country and the total European LAI by each arthropod species.

Propagule Pressure – Trade Volume to be inspected per interception (TVPI)

We used a measure of propagule pressure that we developed and applied in a previous paper (Bacon *et al.* 2012). In short, agricultural pest arthropods are transported and introduced into0020new regions mainly via trade of their host plants, i.e. crops and crop products.

Propagule pressure is related to the volume of plant trade, the probability that arthropods are transported on these plants, and the probability that the plant commodities pass border inspections undetected. We thus quantified the risk of arthropod dispersal through agricultural trade into Europe on more than 100 million trade pathways by calculating for each pathway the *Trade Volume to be inspected (TV) and Trade Volume to be inspected per arthropod interception (TVPI)* (Bacon *et al.* 2012). Trade pathways consist of many components (Hulme 2009), of which we considered four; country of origin *o*, agricultural and forestry commodities being traded *c*, quarantine arthropod species *i*, and European destination country *d*, so that each pathway *o*-*c*-*i*-*d* can be uniquely represented. Trade Volume to be inspected (TV) to importing European country *d* when importing commodity *c* from origin country *o*, was calculated as the value of trade in commodity *c* (in US$; *nota bene*: a calculation of TV in kg instead of $ leads to qualitatively identical conclusions), if both arthropod species *i* exists in origin country *o* and commodity *c* is a host. Therefore, if either arthropod *i* does not exist in origin *o*, or commodity *c* is not a potential host, then the TV of that *o*-*c*-*i*-*d* trade is zero. Thus TV is only positive on pathways that could potentially move quarantine arthropods through trade, and should be interpreted as a measure to quantify the likelihood of alien arthropods moving through trade. However, not all arthropods that arrive in a country are actually released; if quarantine arthropods are detected on commodities during phytosanitary border controls, shipments are destroyed. Thus, only alien arthropods that pass through border controls undetected should be considered for the calculation of propagule pressure. TVPI, the trade volume to be inspected per arthropod interception, is TV divided by the number of border interceptions per *o*-*c*-*i*-*d* pathway, and should be interpreted as a measure of the likelihood of quarantine arthropods moving through trade *and* passing through existing border controls – a proxy for the propagule pressure (Bacon *et al.* 2012). Under current legislation inspectors must check all consignments that could contain quarantine arthropods and

intercepted quarantine species must be entered into EPPO's central communication database (European Council Directive 2000/29/EC). However, exact sampling volumes and methods can vary between European member states because no optimal inspection strategy exists (Surkov et al. 2007; Bacon et al. 2012). The number of interceptions is therefore not only an index for the infestation of a pathway by quarantine arthropods, but also of the inspection effort (Bacon et al. 2012). Standardizing TV by the number of interceptions therefore takes into account of this variation of inspection effort. TVPI as a proxy for propagule pressure is therefore mainly based on plant trade volume and the probability that these plants are infested by quarantine arthropods (TV), but it also corrects for variation in border inspections among countries and commodities. For a more detailed description and examples of how propagule pressure was calculated, please refer to the original paper (Bacon *et al.* 2012).

To calculate TVPI, we obtained trade volumes in US$ in unprocessed agricultural products from the Food and Agriculture Organization (FAO), together with quarantine arthropod distribution (on a per-country basis) and host plant affiliations from the Centre for Agriculture and Biosciences International (CABI) Crop Protection Compendium and the European and Mediterranean Plant Protection Organization (EPPO). Trade data obtained from FAO can be considered as very accurate since they are routinely and systematically gathered. Data on global distribution and host plant ranges of quarantine pests are well known and the fact sheets in the CABI Crop Protection Compendium are probably the best information sources there are. The same is true for the EPPO fact sheets on European Quarantine pests. We included all European quarantine arthropod interceptions made on agricultural products between 2003 and 2007 (EPPO Reporting Service), which totaled 1,168 species level interceptions (Bacon *et al.* 2012) (Table S1).

Host-availability (HA)

Using the agricultural arthropod host database (compiled for the TVPI calculation) we estimated the host-availability in 27 EPPO-reporting European countries, for each of the 118 quarantine listed arthropod species, by estimating the total area on which agricultural host plants are grown. We ignored wild host plants, assuming that the area of wild hosts would be much smaller than that for agricultural hosts. Production areas of each agricultural commodity were obtained for each country from FAOSTAT, and averaged between 2003 and 2007. Summing the combined areas of potential hosts across all agricultural commodities gave an estimate for host-availability by area (in ha) for each European country, which we also expressed as a percentage of total country area, for each arthropod species. As an example, Figure S1 shows the host-availability of the polyphagous Tobacco Whitefly *Bemisia tabaci* (Aleyrodidae; Hemiptera) in Europe.

Climate-suitability (CS)

We calculated the climate suitability, defined as the match between the physiological tolerance of each quarantine arthropod species and climatic conditions of each European country. To achieve this we needed to obtain; a) a representation of the climate in each European country, b) a representation of the climatic requirements of each arthropod species, and c) a method to link country climate to an arthropod climatic profile. These three steps are described in the following paragraphs.

a) Country Climates

Most climate-matching software, such as CLIMEX and Biomod, depend on accurate current spatial distribution data of the arthropods to be analysed in order to estimate their survival

parameters which are in turn used to predict their potential new distribution ranges. However, for the 118 arthropod species used in this study, we only obtained their per-country occurrences. Thus, we developed a climate-matching approach based on Koeppen-Geiger (KG) climate classifications (Köppen 1900; Geiger 1954) updated for the period 1951 to 2000 (Kottek *et al*. 2006) (http://koeppen-geiger.vu-wien.ac.at/), the most widely used objective climate classification, based on the premise that native vegetation is the most accurate expression of climate. The strengths of the KG climate classification are that it considers different latitudinal zones (based on extreme temperatures) and seasonality of both temperature and precipitation (Castro *et al.* 2007). KG climate classifications have five main vegetation zones, indicated by capital letters: equatorial (A), arid (B), warm-temperate (C), snow (D) and polar (E), followed by a second letter representing precipitation: desert (W), steppe (S), fully-humid (f), summer-dry (s), winter-dry (w) and monsoonal (m), and a third letter representing temperature: hot-arid (h), cold-arid (c), hot-summer (a), warm-summer (b), cool-summer (c), extremely-continental (d), polar-frost (E) and polar-tundra (T) (e.g. Cfb represents: warm temperate – fully humid – warm summer, a condition that applies e.g. to most of Great Britain, France, the BeNeLux countries and Germany). Precipitation and temperature are key parameters in predicting alien arthropod survival and development (Walther *et al.* 2009).

From the underlying KG data, we extracted the number of 0.5 degree latitude/longitude grid cells of each climate classification that are contained within each country of the world (using wrld_simpl country boundary data in the maptools library in the statistical software R (version 2.14; R Development Core Team 2012). These climate classification grid cells were taken as a representation of the climate profile of each country. For example, the UK contains 133 grid cells, of which 122 (92%) are classified as climate Cfb and 11 (8%) grid cells, in the Scottish

Highlands, as Cfc; both warm-temperate (C), fully-humid (f) with either a warm (b) or cool summer (c). Note that very small countries that did not contain a single complete grid cell were not included in this study (this excluded Malta from the EPPO reporting European country analysis). We also excluded polar-frost (E) and polar-tundra (T) from our analyses since these climates are generally deemed unsuitable for development of most agricultural pest arthropods.

b) Arthropod Climatic Profiles

We tested two methods for determining arthropod climatic profiles based on their worldwide (non-European) country distribution ranges, for each 118 quarantine arthropod species in agriculture; 1) counting the frequency (number of grid cells) that each KG climate classification occurs across all countries in its distribution range, and 2) summing the proportion that each KG climate classification represents in each country, across all countries in its distribution range *i.e.* weighting the most frequently occurring climates by their relative size within each country. The second method reduces the weight of climate classifications that occur only in few countries that have a wide climatic range (e.g. Russia), i.e. method 2) distinguishes the relative size of each climate classification within each country. The idea behind method 2) is to reduce the weight of climates that occur only in few countries of the arthropod's distribution, because these climates are unlikely to be suitable for the arthropod, and to increase weight of climates that are shared by many countries in which the pest species occurs. Both methods determine scores for each KG climate classification per arthropod species, which were then used as weightings (e.g. Table S2). An example using the Tobacco Whitefly *Bemisia tabaci* (Aleyrodidae; Hemiptera): Using the frequency counting method 1) above, *B. tabaci* is established in 93 non-European countries, of which the top three most

frequently occurring climate classifications are: Aw (in 49 countries), Am (37 countries), and BSh (36 countries), giving climatic profile weightings of 12.9%, 9.7%, and 9.4% respectively. Using the sum of proportions method 2) above, the top three climate classification weightings are Aw (27.1%), BWh (17.7%) and Am (11.0%) (Table S2).

c) Linking Arthropod Climatic Profiles to European Countries – Climate Envelopes

After having established which KG climate classifications prevail in each European country, and having obtained a climatic profile of each quarantine arthropod species, represented as weightings of KG climate classification using the two methods described above, we calculated a climate-suitability for each distinct arthropod-EU country combination based on each of the two methods, using a climatic envelope approach. Step by step, for each arthropod species, this approach involved; i) ranking the arthropod's climate classifications by their climatic profile weightings, ii) adding a cumulative sum of these weightings from the highest to the lowest, iii) defining climatic envelope sizes *i.e.* from a narrow envelope of the top 30% of climates in the cumulative distribution of the climatic profile, to a broad envelope of 90%, in 20% step increments, iv) for each envelope, suitable climates are defined as those KG classifications whose cumulative sum of weightings falls within the defined climatic envelope *i.e*. in a 90% envelope, the suitable climates are the top ranked climates whose cumulative sum is less than 90%, and lastly, v) for each quarantine arthropod and each climatic envelope size, we calculated the climate-suitability as either the absolute number of suitable 0.5 degree latitude/longitude grid cells (or area in ha), or the percentage of suitable grid cells, per European country. For example, using narrow climate envelope sizes (30% or 50%), the Tobacco Whitefly *B. tabaci*, has limited climate suitability in Europe (Table S3; *i.e*. only Cyprus has 50% match at 50% envelope size). Moving up to a 70% envelope size and using count data (method 1) includes climate classification Cfb (see Table S2, left part), which is

widespread in Europe, giving many European countries a high climate-suitability. Summing proportion data gave generally lower levels of climate-suitability, e.g. climate classification Cfb was not even included in the 90% climate envelope of *B. tabaci* when using proportion data (Table S2, right part).

Statistical Modelling

We investigated the influence of the explanatory variables; the propagule pressure (TVPI), climate-suitability (CS) and host-availability (HA) on the distribution of European arthropod species invasions. For statistical modeling, we only considered those 29 quarantine arthropod species (representing 21 families) that have already established populations in at least 2 European EPPO countries (*i.e.* so that they have an existing European range on which to model), and are present/established in at least 2 non-European countries (*i.e*. so that a climate envelope can be built that is different to a single country envelope) (see data in Table S5).

We used generalized linear mixed effects models, with TVPI, CS and HA, and all their interactions as fixed effects, and arthropod species as a random effect, in order to explain arthropod invasions (established or not established, as binomial response) in 27 European countries (Table S5). Models were fitted by the Laplace approximation using the glmer function from the package lme4 (Bates *et al.* 2012) in R 2.14.1 (R Development Core Team 2012).

In an information theoretic framework for model selection (Burnham & Anderson 2002), we fitted models containing all possible combinations of the main effects (TVPI, CS and HA),

and their 2- and 3-way interactions. We also fitted a model with just the intercept. We repeated this process using the different calculations of the arthropod species climate envelopes: envelope by area (number of grid cells), by percentage of total country area (%) and by proportion weighting of the origin countries, and in each case for envelope size 30%, 50%, 70% and 90%, and finally considering HA by both area (ha) and by percentage of total country area (%), totaling 24 repetitions of model fitting. For each model we calculated Akaikes Information Criterion (AICc, corrected for finite sample size; Burnham & Anderson 2002) (Table S6).

In order to select the variables that best explained arthropod invasions in Europe, we selected all credible candidate models that conform to two rules (Richards 2008): first, we selected all models with ΔAICc $\leq$ 6 *i.e*. all models whose AICc value was at most 6 higher than the model with the lowest AICc. This threshold of ΔAICc $\leq$ 6 is much higher than the widely applied rule-of-thumb of selecting all models with ΔAICc $\leq$ 2 (Burnham and Anderson, 2002), but it has recently been demonstrated that the most parsimonious model, defined as the one with the lowest expected Kullback-Leibler distance, which is a measure of the mean discrepancy between the model and the unknowable truth, may be missed otherwise (Richards 2005). Secondly, we only selected a model if its AICc was less than the AICc of all the simpler models within which it is nested, in order to avoid selecting overly complex models (Richards 2008). Hence, more complex models with additional parameters should not be considered for ecological inference, since nothing is explained by the additional complexity (Burnham & Anderson 2002; Richards 2008).

From the selected credible candidate models, parameters were then estimated by model averaging (function model.avg from the package MuMin, version 1.7.2, in R; Barton 2012) which gives higher weights to parameters of more credible models (*i.e*. lower AICc). Parameters that were not part of any of the selected models can be considered as having no explanatory power. At the outset, we log10-transformed and scaled all variables to mean zero and 1 standard deviation. Scaling allows direct comparisons of the magnitude of the effect of different factors even when present in interactions (Schielzeth 2010).

We used the logit function (e^{β} / $(1+e^{\beta})$) to calculate the *Likelihood of Arthropod Invasion (LAI)* for each distinct arthropod-EU country combination, using each of the parameterized candidate models (where β = intercept + *a*.CS + *b*.HA + *c*.TVPI + *d*.CS.HA + *e*.CS.TVPI + *f*.HA.TVPI + *g*.CS.HA.TVPI). The LAI's generated by each candidate model were then weighted according to the probability that each candidate model is the best (weights taken from model averaging). LAI's were calculated for all 118 quarantine arthropod species and all 27 EPPO-reporting European countries for which we had information on TVPI, climate and agricultural host plant availability.

Climate change

The Köppen-Geiger (KG) climate classifications have been further updated to depict climate change projections for each 25 year period between 2000 and 2100 (Rubel and Kottek 2010), projected using the Intergovernmental Panel on Climate Change (IPCC) A1F1 emissions scenario (fossil fuel intensive) and Tyndall SC 2.03 temperature and precipitation data projections (Mitchell *et al*. 2004). Data for each of these time periods was applied to our climate suitability calculation method, based on a climate envelope of 90% measured as a %

of total country area (*i.e*. results Table 1). This analysis was carried out for 44 European countries for which climate data was available, across 118 arthropod species, equaling 5,192 distinct arthropod-country combinations of climate-suitability comparisons (Table S7). For example, under the A1F1 climate change scenario and using climate-suitability measured as a % of total country area, using a 90% climate envelope, the climate-suitability of Europe for *Bemisia tabaci* moves from a country mean of 62% to 88% by the period 2076-2100 (Table S4). This analysis only considered change in climate suitability and did not include estimates of HA or propagule pressure.

References

Bacon, S.J., Bacher, S. & Aebi, A. (2012) Gaps in border controls are related to quarantine alien insect invasions in Europe. *PLoS ONE*, **7**, e47689.

Barton, K. (2012) MuMIn: Multi-model inference. R package version 1.7.2. http://CRAN.R-project.org/package=MuMIn

Bates, D., Maechler, M. & Bolker, B. (2012) lme4: Linear mixed-effects models using S4 classes. R package version 0.999999-0. http://CRAN.R-project.org/package=lme4

Burnham, K.P. & Anderson, D.R. (2002) *Model selection and multimodel inference: a practical information-theoretic approach*. Second edition, Springer-Verlag, New York, USA.

Castro, M.D., Gallardo, C. & Tuomenvirta, H. (2007) The use of climate-type classification for assessing climate change effects in Europe from an ensemble of nine regional climate models. *Climate Change*, **81**, 329-341.

Geiger, R. (1954) Klassifikation der Klimate nach W. Köppen. *Landolt-Börnstein – Zahlenwerte und Funktionen aus Physik, Chemie, Astronomie, Geophysik und Technik*, alte Serie Vol. **3**. pp. 603-607. Springer, Berlin.

Hulme, P.E. (2009) Trade, transport and trouble: managing invasive species pathways in an era of globalization. *Journal of Applied Ecology*, **46**, 10-18.

Köppen W (1900) Versuch einer Klassifikation der Klimate, vorzugsweise nach ihren Beziehungen zur Pflanzenwelt. *Geographische Zeitschrift*, **6**, 657-679.

Kottek, M., Grieser, J., Beck, C., Rudolf, B., & Rubel, F. (2006) World map of the Köppen-Geiger climate classification updated. *Meteorologische Zeitschrift*, **15**, 259-263.

Mitchell, T.D., Carter, T.R., Jones, P.D., Hulme, M. & New, M. (2004) A comprehensive set of high-resolution grids of monthly climate for Europe and the globe: the observed records (1901-2000) and 16 scenarios (2001-2100). *Tyndall Centre of Climate Change Research*, Working, Paper **55.**

Richards, S.A. (2005) Testing ecological theory using the information-theoretic approach: examples and cautionary results. *Ecology*, **86**, 2805-2814,

Richards, S.A. (2008) Dealing with overdispersed count data in applied ecology. *Journal of Applied Ecology*, **45**, 218-227.

Rubel, F. & Kottek, M. (2010) Observed and projected climate shifts 1901-2100 depicted by world maps of the Köppen-Geiger climate classification. *Meteorologische Zeitschrift*, **19**, 135-141.

Schielzeth, H. (2010) Simple means to improve the interpretability of regression coefficients. *Methods in Ecology and Evolution*, **1**, 103–113.

Surkov, I.V., Oude Lansink, A.G.J.M., van Kooten, O. & van der Werf, W. (2007) A mode of optimal import phytosanitary inspection under capacity constraint. *Agricultural Economics*, **38**, 363-373.

Walther, G.R., Roques, A., Hulme, P.E., Sykes, M.T., Pyšek, P., Kuhn, I., Zobel, M., Bacher, S., Bugmann, H., Czucz, B., Dauber, J., Hickler, T., Jarosik, V., Kenis, M., Klotz, S., Minchin, D., Moora, M., Nentwig, W., Ott, J., Panov, V.E., Reineking, B., Robinet, C., Semenchenko, V., Solarz, W., Thuiller, W., Vila, M., Vohland, K. & Settele, J. (2009) Alien species in a warmer world: risks and opportunities. *Trends in Ecology and Evolution* **24**, 686-693.