

Supporting Information

Paini et al.

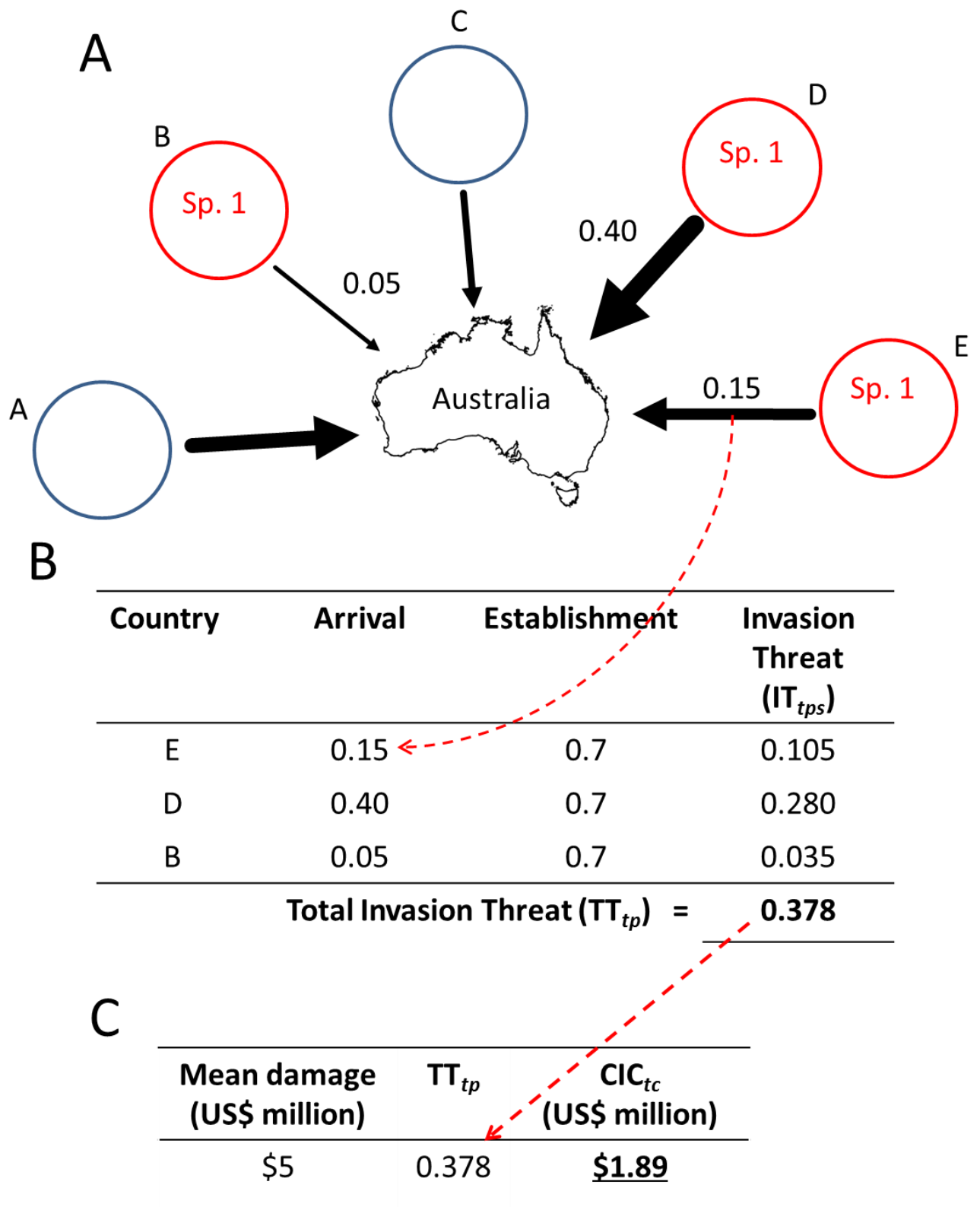


Fig. S1. Illustration of the methodology for estimating total invasion threat (TT_{tp}) to a country, t , from one species, p , and its subsequent crop invasion cost (CIC_{tc}) on one crop, c . (A) Australian imports from five countries (A to E), represented by arrows. The thickness of the arrows represents the quantity of imported products. Species 1 is not present in Australia but could arrive there on commodities traded with Australia and its known host is grown there, so there is a potential invasion threat to Australia. (B) The table shows how the total invasion threat (TT_{tp}) of this species to Australia is calculated. A proxy for arrival likelihood (Arrival) is calculated from imported trade as a proportion of total imported trade to Australia. For each source country, s , this value is multiplied by a proxy for establishment likelihood (Establishment), for this species, p , which is extracted from a SOM analysis, to generate a value for the invasion threat (IT_{tps}). The TT_{tp} to Australia from all countries with species 1 is then calculated. (C) The TT_{tp} is then multiplied by the mean damage of that pest on that crop (mean crop value x mean potential pest impact) to give the Crop Invasion Cost (CIC_{tc}).

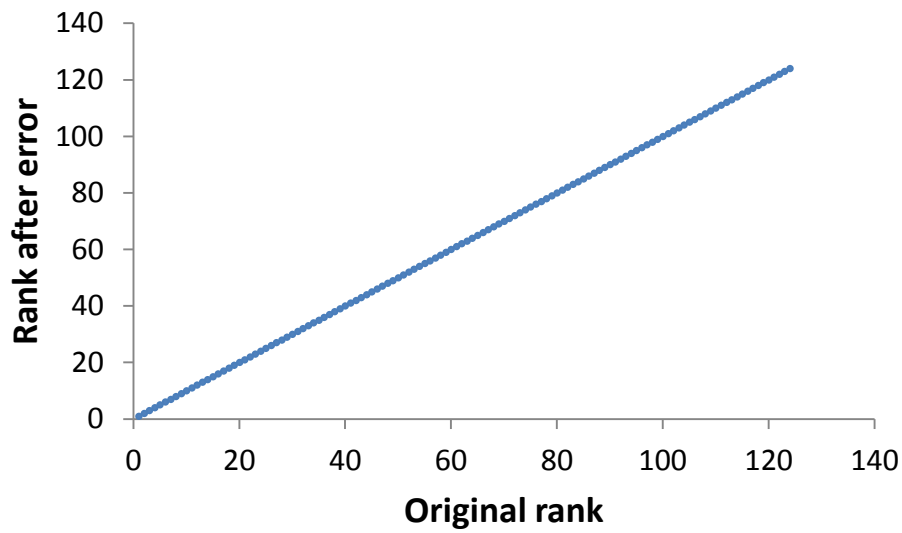


Fig. S2. Change in ranking (by TIC_t value) of a threatened country after the introduction of 20% error in arrival index (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)

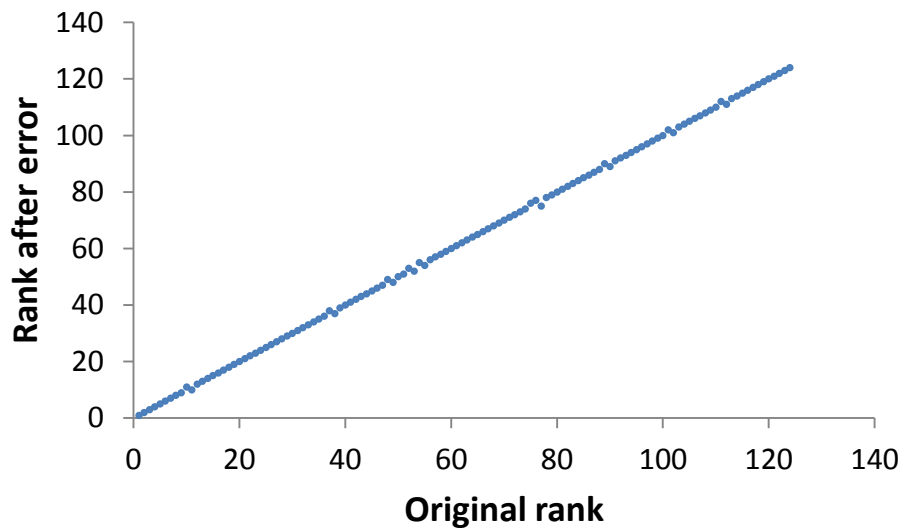
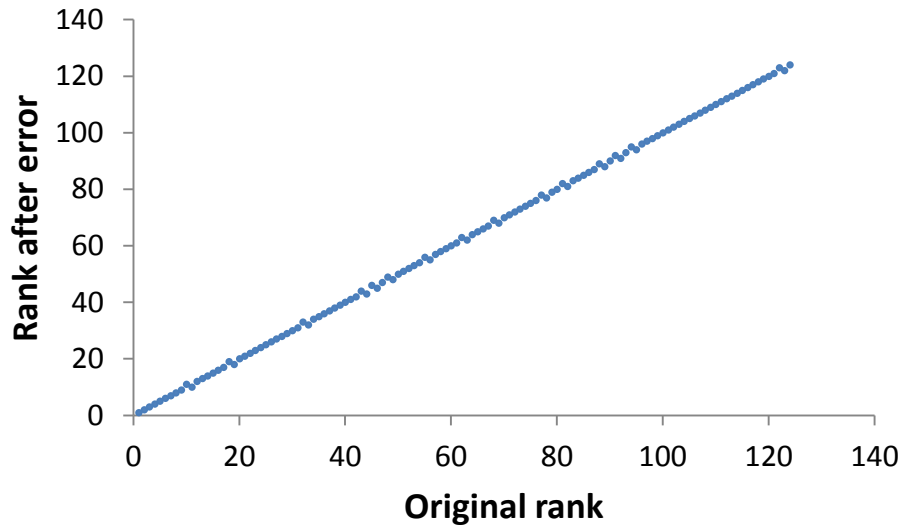


Fig. S3. Change in ranking (by TIC_t value) of a threatened country after the introduction of 20% error in establishment index (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)

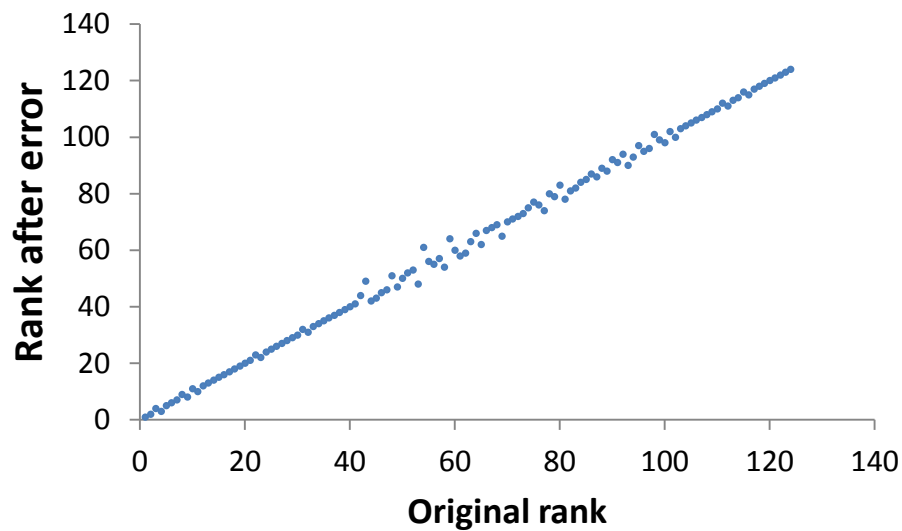


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Fig. S4. Change in ranking (by TIC_t value) of a threatened country after the introduction of 20% error in mean potential impact (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)

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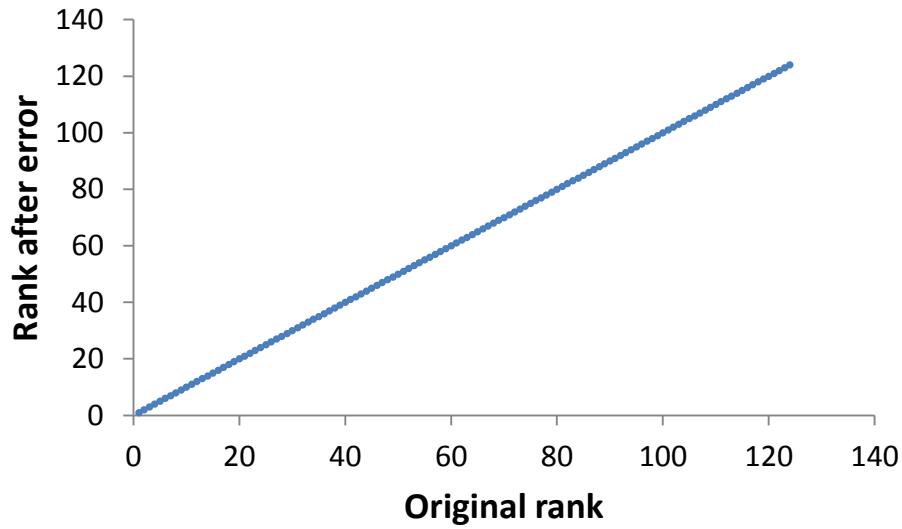
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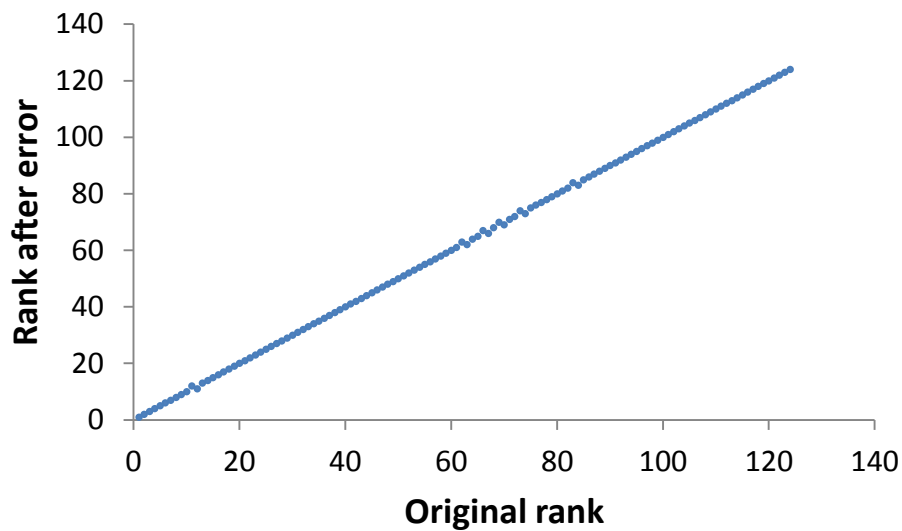
Fig. S5. Change in ranking (by TIC_t value) of a threatened country after the introduction of 20% error in crop value (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)

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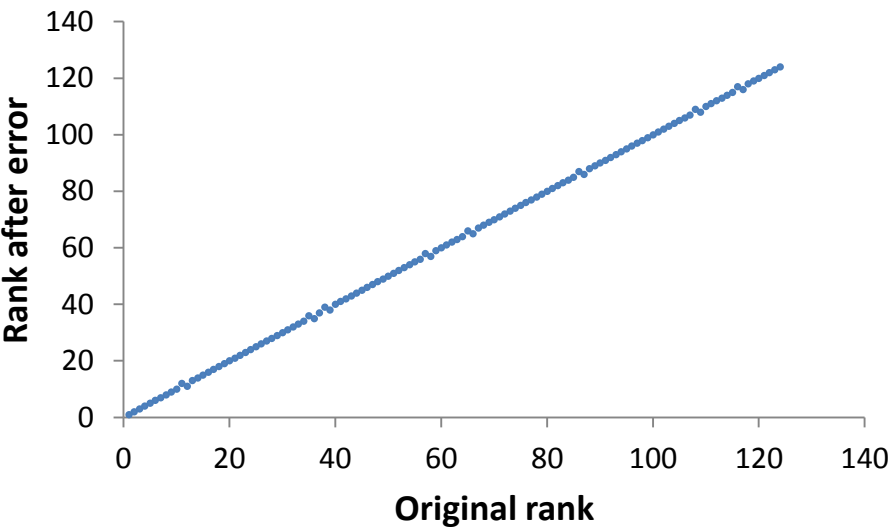
36 **Fig. S6.** Change in ranking (by TIC_s value) of a source country after the introduction of 20% error in
 37 arrival likelihood (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)



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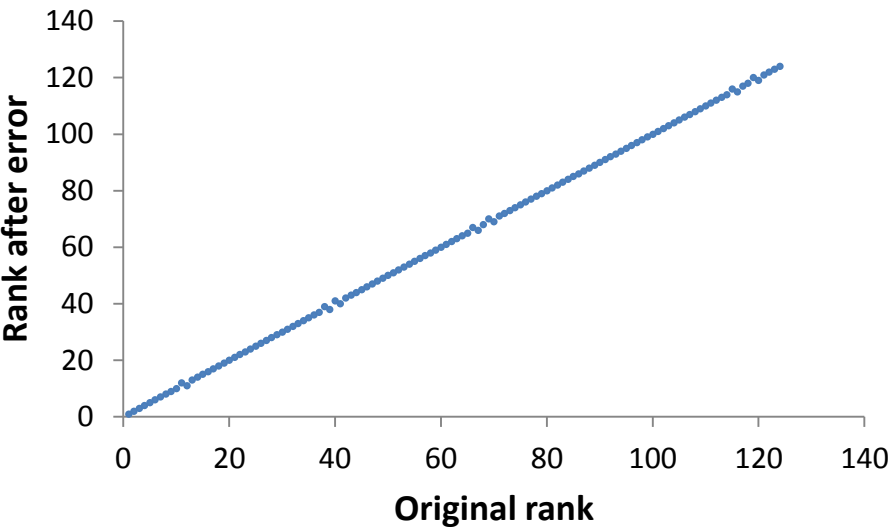
39 **Fig. S7.** Change in ranking (by TIC_s value) of a source country after the introduction of 20% error in
 40 establishment likelihood (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)

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44 **Fig. S8.** Change in ranking (by TIC_s value) of a source country after the introduction of 20% error in
45 mean potential impact (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)



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References

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48 **Fig. S9.** Change in ranking (by TIC_s value) of a source country after the introduction of 20% error in
49 crop value (Spearman rank correlation, $r_{s, 124} = 0.999$, $p < 0.0001$, $r^2 = 0.99$)

Table S1. Ranking of all threatened countries by overall invasion threat (OT_t). Colors

correspond to colors of the map presented in Fig. 1A of main text.

Rank	Country	OT_t	Rank	Country	OT_t	Rank	Country	OT_t
1	Mongolia	0.9922	43	Hungary	0.7876	85	Belgium	0.6027
2	Guinea-Bissau	0.9903	44	United Kingdom	0.7792	86	Portugal	0.5996
3	Nepal	0.9856	45	Latvia	0.7756	87	Germany	0.5963
4	Bangladesh	0.9803	46	Tunisia	0.7691	88	Romania	0.5956
5	Cambodia	0.9688	47	Jamaica	0.7673	89	Colombia	0.5916
6	Denmark	0.9659	48	Estonia	0.7624	90	Equatorial Guinea	0.5909
7	Albania	0.9634	49	Mexico	0.7600	91	Cyprus	0.5819
8	Chile	0.9611	50	Egypt	0.7581	92	Belize	0.5775
9	Mauritius	0.9595	51	Vanuatu	0.7529	93	Greece	0.5571
10	Vietnam	0.9542	52	Ethiopia	0.7451	94	Suriname	0.5566
11	Belarus	0.9473	53	Iraq	0.7448	95	Turkey	0.5529
12	Luxembourg	0.9456	54	Lithuania	0.7366	96	Malta	0.5364
13	Argentina	0.9423	55	Burkina Faso	0.7276	97	Macedonia	0.5313
14	Laos	0.9393	56	Uruguay	0.7216	98	India	0.5305
15	Moldova	0.9380	57	Pakistan	0.7140	99	Kenya	0.5184
16	Ukraine	0.9229	58	Sri Lanka	0.7090	100	Panama	0.5124
17	El Salvador	0.9184	59	Morocco	0.7072	101	Iceland	0.5083
18	Armenia	0.9053	60	Honduras	0.7056	102	Kyrgyzstan	0.5019
19	Czech Republic	0.8990	61	France	0.7021	103	Ecuador	0.4983
20	Mozambique	0.8959	62	Thailand	0.6972	104	Jordan	0.4979
21	Bosnia and Herzegovina	0.8812	63	New Zealand	0.6932	105	Burundi	0.4959
22	Paraguay	0.8809	64	Georgia (Republic)	0.6893	106	Tajikistan	0.4946
23	Singapore	0.8801	65	Congo (Republic of)	0.6867	107	Niger	0.4762
24	Bulgaria	0.8794	66	Sweden	0.6866	108	Poland	0.4651
25	Barbados	0.8762	67	Iran	0.6842	109	Mali	0.4524
26	South Africa	0.8646	68	Croatia	0.6841	110	Saudi Arabia	0.4519
27	Canada	0.8613	69	Philippines	0.6805	111	Indonesia	0.4479
28	Dominican Republic	0.8591	70	Ireland	0.6741	112	Lebanon	0.4445
29	Finland	0.8564	71	Slovenia	0.6708	113	Costa Rica	0.4442
30	Fiji	0.8539	72	Japan	0.6593	114	Sudan	0.4268
31	Austria	0.8481	73	Brazil	0.6590	115	Israel	0.3888
32	Switzerland	0.8461	74	Cape Verde	0.6448	116	Qatar	0.3880
33	USA	0.8438	75	Malawi	0.6387	117	Russian Federation	0.3823
34	Madagascar	0.8385	76	Cameroon	0.6345	118	Rwanda	0.3788
35	Korea Republic of	0.8349	77	Trinidad and Tobago	0.6334	119	Togo	0.3533
36	Norway	0.8333	78	Peru	0.6288	120	Spain	0.3459
37	Slovakia	0.8324	79	Nicaragua	0.6174	121	Ghana	0.3264
38	Azerbaijan	0.8311	80	Netherlands	0.6135	122	Nigeria	0.3194
39	Australia	0.8071	81	Venezuela	0.6123	123	Italy	0.1135
40	Guinea	0.8054	82	Gambia	0.6104	124	Malaysia	0.0766
41	Yemen	0.7974	83	China	0.6086			
42	Algeria	0.7924	84	Kazakhstan	0.6032			

Table S2. Ranking of all threatened countries by total invasion cost (TIC_t). Colors correspond to colors of the map presented in Fig. 1B of main text.

TIC _t (millions			TIC _t (millions			TIC _t (millions		
Rank	Country	US\$)	Rank	Country	US\$)	Rank	Country	US\$)
1	China	\$117,290	43	Denmark	\$1,417	85	Burundi	\$397.9
2	USA	\$70,381	44	Nepal	\$1,411	86	Lithuania	\$392.4
3	Brazil	\$33,760	45	Sudan	\$1,373	87	Moldova	\$387.5
4	India	\$33,065	46	Portugal	\$1,365	88	Armenia	\$336.0
5	Japan	\$23,490	47	Belgium	\$1,351	89	Malaysia	\$333.0
6	Korea Republic of	\$14,349	48	Kazakhstan	\$1,344	90	Bosnia and Herzegovina	\$327.4
7	Turkey	\$13,267	49	Czech Republic	\$1,336	91	Kyrgyzstan	\$302.0
8	Argentina	\$13,204	50	Austria	\$1,304	92	Georgia (Republic)	\$301.5
9	France	\$12,532	51	Iraq	\$1,234	93	Tajikistan	\$297.1
10	Mexico	\$11,277	52	Kenya	\$1,230	94	Ireland	\$277.6
11	Iran	\$11,276	53	Mozambique	\$1,218	95	Lebanon	\$276.8
12	Nigeria	\$10,251	54	Cambodia	\$1,121	96	Nicaragua	\$264.1
13	Indonesia	\$9,550	55	Ghana	\$1,114	97	Rwanda	\$255.1
14	Thailand	\$8,066	56	Bulgaria	\$1,112	98	Mauritius	\$227.6
15	Australia	\$7,815	57	Madagascar	\$1,074	99	Macedonia	\$218.4
16	Vietnam	\$7,490	58	Malawi	\$1,071	100	Congo (Republic of)	\$212.8
17	Ukraine	\$6,953	59	Paraguay	\$1,012	101	Slovenia	\$202.0
18	Egypt	\$6,737	60	Guinea	\$977.5	102	Niger	\$197.3
19	Canada	\$6,694	61	Tunisia	\$949.2	103	Latvia	\$187.3
20	Pakistan	\$6,630	62	Ecuador	\$934.7	104	Panama	\$161.2
21	Germany	\$6,481	63	Switzerland	\$924.1	105	Togo	\$153.2
22	Bangladesh	\$5,623	64	Dominican Republic	\$873.0	106	Jordan	\$116.4
23	Spain	\$5,576	65	Jamaica	\$871.7	107	Guinea-Bissau	\$114.3
24	Russian Federation	\$5,084	66	Sri Lanka	\$829.1	108	Cyprus	\$108.5
25	Philippines	\$4,839	67	Yemen	\$806.0	109	Estonia	\$102.1
26	Greece	\$4,342	68	Saudi Arabia	\$803.5	110	Fiji	\$87.1
27	United Kingdom	\$4,005	69	Honduras	\$794.3	111	Mongolia	\$64.7
28	South Africa	\$3,922	70	Croatia	\$755.6	112	Luxembourg	\$64.7
29	Romania	\$3,524	71	Azerbaijan	\$730.7	113	Belize	\$42.2
30	Algeria	\$2,862	72	New Zealand	\$639.7	114	Cape Verde	\$40.8
31	Morocco	\$2,531	73	Albania	\$637.2	115	Gambia	\$37.6
32	Colombia	\$2,476	74	Finland	\$600.7	116	Suriname	\$36.5
33	Poland	\$2,449	75	Slovakia	\$573.4	117	Trinidad and Tobago	\$28.8
34	Ethiopia	\$2,312	76	Burkina Faso	\$557.7	118	Vanuatu	\$23.5
35	Venezuela	\$2,167	77	Costa Rica	\$556.8	119	Barbados	\$20.3
36	Chile	\$2,095	78	Sweden	\$546.9	120	Equatorial Guinea	\$16.5
37	Netherlands	\$1,981	79	Israel	\$518.4	121	Malta	\$14.4
38	Hungary	\$1,979	80	Uruguay	\$509.1	122	Qatar	\$5.0
39	Belarus	\$1,777	81	Laos	\$508.2	123	Iceland	\$4.8
40	Peru	\$1,580	82	Mali	\$504.7	124	Singapore	\$0.7
41	Cameroon	\$1,574	83	El Salvador	\$475.1			
42	Italy	\$1,447	84	Norway	\$419.4			

58 **Table S3.** Ranking of all threatened countries by total invasion cost (TIC_t) as a proportion of mean GDP (2000-2009). Colors correspond to colors of
59 the map presented in Fig. 1C of main text.

TIC _t (millions				proportion of		TIC _t (millions				proportion of		TIC _t (millions				proportion of			
Rank	Country	US\$)	mean GDP	GDP	Rank	Country	US\$)	mean GDP	GDP	Rank	Country	US\$)	mean GDP	GDP	Rank	Country	US\$)	mean GDP	GDP
1	Malawi	\$1,071	\$3,000	0.3569	43	Philippines	\$4,839	\$113,050	0.0428	85	Latvia	\$187	\$17,470	0.0107					
2	Burundi	\$398	\$1,121	0.3551	44	Morocco	\$2,531	\$60,211	0.0420	86	Czech Republic	\$1,336	\$129,245	0.0103					
3	Guinea	\$978	\$3,380	0.2892	45	Nicaragua	\$264	\$6,361	0.0415	87	Panama	\$161	\$16,229	0.0099					
4	Guinea-Bissau	\$114	\$513	0.2226	46	Cape Verde	\$41	\$1,004	0.0406	88	Slovakia	\$573	\$59,518	0.0096					
5	Mozambique	\$1,218	\$6,423	0.1897	47	India	\$33,065	\$844,053	0.0392	89	Jordan	\$116	\$13,919	0.0084					
6	Madagascar	\$1,074	\$5,842	0.1838	48	Belize	\$42	\$1,100	0.0384	90	Poland	\$2,449	\$306,063	0.0080					
7	Cambodia	\$1,121	\$6,487	0.1728	49	Bulgaria	\$1,112	\$29,331	0.0379	91	Estonia	\$102	\$13,669	0.0075					
8	Nepal	\$1,411	\$8,411	0.1678	50	Azerbaijan	\$731	\$19,359	0.0377	92	Portugal	\$1,365	\$182,864	0.0075					
9	Laos	\$508	\$3,134	0.1622	51	Macedonia	\$218	\$6,094	0.0358	93	Barbados	\$20	\$2,998	0.0068					
10	Ethiopia	\$2,312	\$14,344	0.1612	52	Brazil	\$33,760	\$953,030	0.0354	94	New Zealand	\$640	\$96,355	0.0066					
11	Vietnam	\$7,490	\$55,702	0.1345	53	Mauritius	\$228	\$6,494	0.0350	95	Cyprus	\$108	\$16,483	0.0066					
12	Moldova	\$388	\$3,130	0.1238	54	Congo (Republic of)	\$213	\$6,084	0.0350	96	Russian Federation	\$5,084	\$786,992	0.0065					
13	Tajikistan	\$297	\$2,579	0.1152	55	Romania	\$3,524	\$101,757	0.0346	97	Canada	\$6,694	\$1,070,980	0.0063					
14	Paraguay	\$1,012	\$9,127	0.1109	56	Fiji	\$87	\$2,619	0.0333	98	France	\$12,532	\$2,039,069	0.0061					
15	Kyrgyzstan	\$302	\$2,756	0.1096	57	Sri Lanka	\$829	\$25,653	0.0323	99	USA	\$70,381	\$12,156,820	0.0058					
16	Burkina Faso	\$558	\$5,244	0.1064	58	Indonesia	\$9,550	\$314,522	0.0304	100	Denmark	\$1,417	\$244,969	0.0058					
17	Cameroon	\$1,574	\$16,009	0.0983	59	Turkey	\$13,267	\$439,621	0.0302	101	Slovenia	\$202	\$35,224	0.0057					
18	Mali	\$505	\$5,365	0.0941	60	Tunisia	\$949	\$31,917	0.0297	102	Spain	\$5,576	\$1,066,190	0.0052					
19	Nigeria	\$10,251	\$110,790	0.0925	61	Iraq	\$1,234	\$41,518	0.0297	103	Japan	\$23,490	\$4,499,994	0.0052					
20	Bangladesh	\$5,623	\$60,967	0.0922	62	Bosnia and Herzegov	\$327	\$11,055	0.0296	104	Austria	\$1,304	\$293,944	0.0044					
21	Rwanda	\$255	\$2,842	0.0898	63	Algeria	\$2,862	\$98,448	0.0291	105	Belgium	\$1,351	\$360,905	0.0037					
22	Albania	\$637	\$7,864	0.0810	64	El Salvador	\$475	\$16,994	0.0280	106	Israel	\$518	\$144,913	0.0036					
23	Ukraine	\$6,953	\$86,051	0.0808	65	Dominican Republic	\$873	\$32,263	0.0271	107	Netherlands	\$1,981	\$613,761	0.0032					
24	Jamaica	\$872	\$10,813	0.0806	66	Ecuador	\$935	\$35,335	0.0265	108	Finland	\$601	\$189,615	0.0032					
25	Honduras	\$794	\$10,042	0.0791	67	Costa Rica	\$557	\$21,335	0.0261	109	Saudi Arabia	\$804	\$293,502	0.0027					
26	Ghana	\$1,114	\$14,338	0.0777	68	Uruguay	\$509	\$20,428	0.0249	110	Switzerland	\$924	\$378,837	0.0024					
27	Togo	\$153	\$2,088	0.0734	69	Mongolia	\$65	\$2,777	0.0233	111	Malta	\$14	\$5,947	0.0024					
28	Armenia	\$336	\$5,359	0.0627	70	Kazakhstan	\$1,344	\$63,079	0.0213	112	Germany	\$6,481	\$2,683,917	0.0024					
29	Kenya	\$1,230	\$19,936	0.0617	71	Hungary	\$1,979	\$99,078	0.0200	113	Malaysia	\$333	\$145,539	0.0023					
30	Pakistan	\$6,630	\$110,577	0.0600	72	Peru	\$1,580	\$82,808	0.0191	114	Equatorial Guinea	\$16	\$7,436	0.0022					
31	Egypt	\$6,737	\$112,654	0.0598	73	Greece	\$4,342	\$229,094	0.0190	115	United Kingdom	\$4,005	\$2,100,502	0.0019					
32	Argentina	\$13,204	\$222,943	0.0592	74	Korea Republic of	\$14,349	\$759,097	0.0189	116	Trinidad and Tobago	\$29	\$15,415	0.0019					
33	Belarus	\$1,777	\$30,307	0.0586	75	South Africa	\$3,922	\$210,088	0.0187	117	Luxembourg	\$65	\$36,255	0.0018					
34	Niger	\$197	\$3,366	0.0586	76	Suriname	\$37	\$2,025	0.0180	118	Sweden	\$547	\$352,649	0.0016					
35	Vanuatu	\$23	\$401	0.0585	77	Croatia	\$756	\$43,204	0.0175	119	Ireland	\$278	\$184,655	0.0015					
36	Iran	\$11,276	\$200,194	0.0563	78	Chile	\$2,095	\$120,502	0.0174	120	Norway	\$419	\$288,227	0.0015					
37	Gambia	\$38	\$706	0.0533	79	Colombia	\$2,476	\$150,304	0.0165	121	Italy	\$1,447	\$1,690,781	0.0009					
38	Yemen	\$806	\$16,537	0.0487	80	Lithuania	\$392	\$25,817	0.0152	122	Iceland	\$5	\$13,206	0.0004					
39	Sudan	\$1,373	\$29,276	0.0469	81	Mexico	\$11,277	\$812,403	0.0139	123	Qatar	\$5	\$50,556	0.0001					
40	China	\$117,290	\$2,552,671	0.0459	82	Venezuela	\$2,167	\$173,339	0.0125	124	Singapore	\$1	\$125,415	0.00001					
41	Georgia (Republic)	\$301	\$6,670	0.0452	83	Lebanon	\$277	\$23,002	0.0120										
42	Thailand	\$8,066	\$183,583	0.0439	84	Australia	\$7,815	\$653,024	0.0120										

Table S4. Ranking of all source countries by total invasion cost (TIC_s). Colors

correspond to colors of the map presented in Figure 1D of main text.

Rank	Country	TIC _s (millions US\$)	Rank	Country	TIC _s (millions US\$)	Rank	Country	TIC _s (millions US\$)
1	China	\$222,590	43	Pakistan	\$2,431	85	Estonia	\$101.6
2	USA	\$181,730	44	Romania	\$2,179	86	Mozambique	\$95.9
3	Japan	\$120,750	45	Norway	\$2,165	87	Luxembourg	\$89.1
4	Germany	\$85,864	46	Venezuela	\$2,010	88	Equatorial Guinea	\$82.7
5	Italy	\$44,228	47	Colombia	\$1,931	89	Malta	\$74.5
6	France	\$38,159	48	Czech Republic	\$1,883	90	Ethiopia	\$66.2
7	Korea Republic of	\$37,620	49	Portugal	\$1,806	91	Malawi	\$63.3
8	India	\$36,913	50	Greece	\$1,749	92	Georgia (Republic)	\$62.6
9	Russian Federation	\$34,336	51	Peru	\$1,419	93	Honduras	\$61.8
10	United Kingdom	\$25,670	52	Egypt	\$1,328	94	Cyprus	\$58.4
11	Brazil	\$24,761	53	New Zealand	\$1,229	95	Tajikistan	\$57.5
12	Australia	\$24,719	54	Bulgaria	\$1,167	96	Dominican Republic	\$51.4
13	Malaysia	\$22,776	55	Morocco	\$938.5	97	Guinea	\$47.4
14	Singapore	\$21,726	56	Kazakhstan	\$853.8	98	Madagascar	\$39.2
15	Thailand	\$21,170	57	Sudan	\$842.6	99	Nicaragua	\$38.1
16	Indonesia	\$17,971	58	Bangladesh	\$811.2	100	Macedonia	\$35.0
17	Saudi Arabia	\$16,722	59	Kenya	\$789.8	101	Jamaica	\$34.3
18	Spain	\$15,984	60	Sri Lanka	\$732.0	102	Laos	\$31.7
19	Netherlands	\$15,769	61	Slovakia	\$647.3	103	Moldova	\$30.2
20	Belgium	\$12,299	62	Yemen	\$571.9	104	Iceland	\$29.5
21	Switzerland	\$9,808	63	Congo	\$552.8	105	Mali	\$28.2
22	Canada	\$9,298	64	Tunisia	\$449.1	106	Fiji	\$26.6
23	South Africa	\$8,435	65	Slovenia	\$437.7	107	Armenia	\$24.3
24	Turkey	\$7,899	66	Costa Rica	\$428.1	108	Niger	\$23.3
25	Nigeria	\$7,446	67	Trinidad and Tobago	\$426.8	109	Nepal	\$22.7
26	Sweden	\$7,247	68	Lithuania	\$371.9	110	Burkina Faso	\$19.2
27	Austria	\$6,298	69	Ecuador	\$306.7	111	Rwanda	\$16.1
28	Argentina	\$6,007	70	Azerbaijan	\$304.1	112	Mongolia	\$14.2
29	Iran	\$5,907	71	Cambodia	\$256.2	113	Barbados	\$12.1
30	Vietnam	\$5,728	72	Croatia	\$241.8	114	Kyrgyzstan	\$9.2
31	Mexico	\$5,555	73	Uruguay	\$231.5	115	Suriname	\$7.9
32	Poland	\$5,456	74	Jordan	\$229.1	116	Vanuatu	\$7.6
33	Philippines	\$5,216	75	Belarus	\$209.9	117	Albania	\$7.3
34	Israel	\$4,635	76	Ghana	\$194.5	118	Qatar	\$5.5
35	Hungary	\$3,457	77	Cameroon	\$178.3	119	Bosnia and Herzegovina	\$4.4
36	Chile	\$3,427	78	Mauritius	\$159.4	120	Belize	\$4.3
37	Ukraine	\$3,314	79	Togo	\$145.3	121	Gambia	\$3.6
38	Algeria	\$3,219	80	Latvia	\$143.1	122	Guinea-Bissau	\$1.8
39	Finland	\$3,197	81	El Salvador	\$137.5	123	Burundi	\$1.6
40	Ireland	\$2,932	82	Panama	\$124.6	124	Cape Verde	\$0.3
41	Denmark	\$2,911	83	Paraguay	\$112.1			
42	Iraq	\$2,548	84	Lebanon	\$108.2			

Table S5. The result of the introduction of 20% uncertainty in the four parameters of the model (establishment, arrival, mean impact, and mean annual crop value). The values are mean percentage change on the total invasion cost for threatened countries (TIC_t) and source countries (TIC_s)

	arrival	establishment	impact	crop value
threatened countries	0.24%	0.56%	0.87%	3.94%
source countries	0.89%	1.13%	1.59%	0.61%

Table S6. List of 140 species and their maximum recorded percentage impact on one of their known host crops (source: CABI Crop Protection Compendium)

Species	maximum reported % impact	Species	maximum reported % impact	Species	maximum reported % impact
<i>Apiognomonina veneta</i>	0	<i>Alternaria sesami</i>	40	<i>Alternaria brassicae</i>	71
<i>Atherigona miliaceae</i>	0.3	<i>Amblypelta cocophaga</i>	40	<i>Anarsia lineatella</i>	71
<i>Cryptophlebia illepidia</i>	4	<i>Bemisia tabaci</i> (B biotype)	40	<i>Anthonomus quadrigibbus</i>	75
<i>Conogethes punctiferalis</i>	5	<i>Darna trima</i>	40	<i>Choristoneura conflictana</i>	75
<i>Dysaphis plantaginea</i>	5.2	<i>Alternaria japonica</i>	42	<i>Colletotrichum kahawae</i>	75
<i>Bathycoclia thalassina</i>	9	<i>Cosmopolites sordidus</i>	44	<i>Aspergillus niger</i>	76
<i>Amrasca biguttula biguttula</i>	9.2	<i>Drepanopeziza punctiformis</i>	45	<i>Aleurotrachelus socialis</i>	79
<i>Apiosporina morbosa</i>	10	<i>Anoplophora glabripennis</i>	46	<i>Aonidomytilus albus</i>	80
<i>Argyrotaenia citrana</i>	10	<i>Anomis sabulifera</i>	48	<i>Aphis gossypii</i>	80
<i>Ascochyta sorghi</i>	10	<i>Aphis craccivora</i>	48	<i>Atherigona biseta</i>	80
<i>Asproparthenis punctiventris</i>	10	<i>Agrotis segetum</i>	50	<i>Colletotrichum acutatum</i>	80
<i>Brachymerus muricatus</i>	10	<i>Alternaria brassicicola</i>	50	<i>Coniella diplodiella</i>	80
<i>Ceratocystis paradoxa</i>	10	<i>Anthonomus eugenii</i>	50	<i>Corticium rolfsii</i>	80
<i>Dasineura mali</i>	10	<i>Anthonomus signatus</i>	50	<i>Cylas formicarius</i>	80
<i>Agromyza frantella</i>	11	<i>Botrytis fabae</i>	50	<i>Delia antiqua</i>	80
<i>Balansia oryzae-sativae</i>	11	<i>Ceratocystis fimbriata</i>	50	<i>Diuraphis noxia</i>	80
<i>Cinara cupressi</i>	12	<i>Colletotrichum circinans</i>	50	<i>Alternaria dauci</i>	82
<i>Busseola fusca</i>	15	<i>Colletotrichum linicola</i>	50	<i>Armillaria mellea</i>	85
<i>Cochliobolus sativus</i>	15	<i>Delia coarctata</i>	50	<i>Bactrocera invadens</i>	85
<i>Corcyra cephalonica</i>	15	<i>Diatraea grandiosella</i>	50	<i>Adoretus versutus</i>	90
<i>Diaporthe phaseolorum</i> var. <i>meridionalis</i>	15	<i>Didymella ligulicola</i>	50	<i>Amblypelta lutescens</i>	90
<i>Anaphothrips obscurus</i>	16	<i>Anthonomus grandis</i>	51	<i>Amblypelta nitida</i>	90
<i>Chalara elegans</i>	19	<i>Botrytis aclada</i>	51	<i>Bactrocera cucurbitae</i>	90
<i>Alternaria citri</i>	20	<i>Dorycthenes buqueti</i>	51	<i>Bactrocera passiflorae</i>	90
<i>Alternaria dianthicola</i>	20	<i>Aphis glycines</i>	52	<i>Carpomya pardalina</i>	90
<i>Cercospora sorghi</i>	20	<i>Antigastra catalaunalis</i>	53	<i>Ceratocystis fimbriata</i> f. <i>platani</i>	90
<i>Choanephora cucurbitarum</i>	20	<i>Cercospora beticola</i>	55	<i>Bactrocera frauenfeldi</i>	91
<i>Ceutorhynchus assimilis</i>	21	<i>Cephus pygmeus</i>	56	<i>Ciborinia camelliae</i>	95
<i>Chilo infuscatellus</i>	22	<i>Cladosporium cucumerinum</i>	57	<i>Colletotrichum lindemuthianum</i>	95
<i>Chrysomphalus dictyospermi</i>	23	<i>Alternaria porri</i>	59	<i>Cronartium ribicola</i>	95
<i>Cydia splendana</i>	23	<i>Acalymma vittatum</i>	60	<i>Bactrocera kirki</i>	99
<i>Agromyza oryzae</i>	25	<i>Alternaria tritricina</i>	60	<i>Adelges piceae</i>	100
<i>Aspidiotus destructor</i>	25	<i>Alternaria helianthi</i>	60	<i>Adelphocoris lineolatus</i>	100
<i>Aulacaspis tegalensis</i>	25	<i>Bactrocera occipitalis</i>	60	<i>Agrilus planipennis</i>	100
<i>Cephus cinctus</i>	25	<i>Chaetocnema pulicaria</i>	60	<i>Agrius convolvuli</i>	100
<i>Cronartium quercuum</i>	25	<i>Colletotrichum gossypii</i>	60	<i>Amritodus atkinsoni</i>	100
<i>Dysmicoccus brevipes</i>	25	<i>Alternaria radicina</i>	62	<i>Anisogramma anomala</i>	100
<i>Chlorops oryzae</i>	26	<i>Diaporthe phaseolorum</i> var. <i>caulivora</i>	62	<i>Aonidiella aurantii</i>	100
<i>Cyclaneusma minus</i>	26	<i>Blumeria graminis</i>	63	<i>Bactrocera facialis</i>	100
<i>Chilo auricilius</i>	29	<i>Basilepta fulvicornis</i>	66	<i>Bactrocera zonata</i>	100
<i>Acleris gloverana</i>	30	<i>Colletotrichum sublineolum</i>	67	<i>Calopepla leayana</i>	100
<i>Bruchus pisorum</i>	30	<i>Acraea acerata</i>	70	<i>Chrysomphalus aonidum</i>	100
<i>Chrysophtharta bimaculata</i>	30	<i>Aphis fabae</i>	70	<i>Chrysomyxa abietis</i>	100
<i>Colletotrichum truncatum</i>	30	<i>Didymella lentis</i>	70	<i>Cicadulina mbila</i>	100
<i>Diatraea saccharalis</i>	30	<i>Didymella pinodes</i>	70	<i>Cylas puncticollis</i>	100
<i>Colletotrichum capsici</i>	35	<i>Dryocosmus kuriphilus</i>	70	<i>Didymella fabae</i>	100
<i>Brevicoryne brassicae</i>	37	<i>Dysdercus peruvianus</i>	70		