

**Table S1:** Infection response, terminal disease severity, coefficient of infection, infection rate and AUDPC results of the field study with significance value for the AUDPC.

Accession	Response	TRS	CI	r	AUDPC	Significance group
238127	S	100	100	2.52	1788.5	a
226880	S	90	90	2.31	1757	ab
238115	S	85	85	2.16	1564.5	abc
214589	S	90	90	2.31	1512	abcd
5180	S	90	90	2.18	1477	abcde
204410	S	85	85	2.25	1473.5	abcdef
208201	S	85	85	2.21	1459.5	abcdef
238125	S	80	80	2.09	1403.5	abcdefg
208189	S	85	85	2.04	1386	abcdefg
222556	S	75	75	1.83	1386	abcdefg
222432	S	80	80	1.98	1372	abcdefg
222520	S	85	85	2.08	1354.5	abcdefg
222705	S	85	85	1.94	1330	abcdefg
204409	S	65	65	1.62	1319.5	abcdefg
226876	S	85	85	2.01	1319.5	abcdefg
208183	S	95	95	2.21	1319.5	abcdefg
222433	S	70	70	1.8	1302	abcdefg
5204	S	75	75	1.97	1298.5	abcdefg
204543	S	85	85	2.03	1284.5	abcdefg
222815	S	75	75	1.95	1284.5	abcdefg
208188	S	75	75	1.88	1284.5	abcdefg
204453	S	80	80	1.92	1284.5	abcdefg
226971	S	75	75	1.86	1281	abcdefg
222505	S	75	75	1.9	1263.5	abcdefg
214605	S	65	65	1.75	1249.5	abcdefg
236987	S	85	85	2.14	1246	abcdefg
212648	S	70	70	1.73	1228.5	abcdefg
222464	S	80	80	1.92	1214.5	abcdefg
214312	S	80	80	1.97	1214.5	abcdefg
204444	S	65	65	1.68	1211	abcdefg
204454	MS	80	72	1.93	1197	abcdefg

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226889	S	75	75	1.88	1190	abdefg
222582	S	80	80	1.83	1162	abdefg
222435	S	75	75	1.8	1144.5	abdefg
238121	S	70	70	1.76	1144.5	abdefg
238114	S	75	75	1.88	1144.5	abdefg
7974	S	55	55	1.47	1144.5	abdefg
222474	S	80	80	1.77	1141	abdefg
214527	S	70	70	1.79	1127	abdefg
208128	S	70	70	1.65	1127	abdefg
226869	S	65	65	1.55	1123.5	abdefg
222428	S	65	65	1.82	1120	abdefg
203968	S	65	65	1.55	1109.5	abdefg
208200	S	65	65	1.69	1092	abdefg
222469	S	50	50	1.39	1092	abdefg
204586	S	85	85	1.98	1074.5	abdefg
238120	S	65	65	1.62	1074.5	abdefg
221740	S	65	65	1.58	1057	abdefg
226882	S	60	60	1.47	1053.5	abdefg
226859	MS	55	49.5	1.4	1036	abdefg
238123	MS	55	49.5	1.41	1022	abdefg
204560	S	60	60	1.44	1022	abdefg
216069	MS	55	49.5	1.51	1018.5	abdefg
204545	S	75	75	1.67	1004.5	abdefg
222426	MS	55	44	1.44	1004.5	abdefg
222560	S	75	75	1.84	962.5	abdefg
213036	S	75	75	1.72	948.5	abdefg
226973	MS	50	40	1.3	934.5	abdefg
238129	MS	45	40.5	1.14	934.5	abdefg
204506	S	50	50	1.3	934.5	abdefg
238128	S	75	75	1.79	931	abdefg
222482	MS	50	45	1.26	931	abdefg
204363	S	55	55	1.46	917	abdefg
226857	S	55	55	1.28	917	abdefg
208197	MS	45	40.5	1.21	913.5	abdefg
222388	MS	50	40	1.26	896	abdefg
226886	S	55	55	1.45	896	abdefg
206627	MS	55	44	1.42	896	abdefg
216098	MS	55	44	1.41	882	abdefg
208934	MS	55	49.5	1.38	847	abdefg
204463	S	55	55	1.27	843.5	abdefg
222488	MS	55	49.5	1.33	843.5	abdefg
238132	MS	50	45	1.35	840	abdefg
204428	MS	60	54	1.41	826	abdefg
222439	MS	45	36	1.14	826	abdefg
226867	MS	50	40	1.24	812	abdefg

222494	MS	45	36	1.1	808.5	abcdefg
214495	S	55	55	1.28	808.5	abcdefg
222454	MS	45	36	1.24	794.5	abcdefg
208476	MS	50	40	1.25	794.5	abcdefg
204432	MS	55	44	1.28	791	abcdefg
222552	MS	50	45	1.23	791	abcdefg
238113	MS	60	54	1.39	791	abcdefg
238124	MS	55	49.5	1.3	777	abcdefg
226885	MS	40	32	1.02	759.5	abcdefg
208785	MS	45	36	1.2	759.5	abcdefg
222680	MS	45	36	1.12	756	abcdefg
222550	MS	45	36	1.03	740.25	abcdefg
204562	MS	45	36	1.13	738.5	abcdefg
204555	MS	40	32	1.06	717.5	abcdefg
226977	MS	50	45	1.21	707	abcdefg
238126	MS	40	32	1.03	686	abcdefg
5071	MS	40	32	1.05	686	abcdefg
204542	MS	50	40	1.19	682.5	abcdefg
204589	MS	45	36	1.05	672	abcdefg
208206	MS	50	40	1.07	654.5	abcdefg
214418	MS	45	36	1.05	637	abcdefg
222381	MS	40	32	1.02	633.5	abcdefg
214264	MS	35	28	0.91	619.5	abcdefg
222449	MS	30	24	0.82	619.5	abcdefg
211488	MS	35	31.5	0.84	602	abcdefg
222764	MS	45	36	1.03	598.5	abcdefg
226858	MS	35	28	0.91	598.5	abcdefg
8063	MS	45	36	1	598.5	abcdefg
222422	MS	35	28	0.95	584.5	abcdefg
222559	MS	35	28	0.86	581	abcdefg
204391	MS	35	28	0.89	563.5	bcdefg
222405	MS	35	28	0.85	563.5	bcdefg
226965	MS	35	28	0.85	563.5	bcdefg
204522	MS	40	32	0.85	546	bcdefg
208191	MS	35	28	0.9	532	cdefg
212650	MS	35	28	0.82	532	cdefg
214348	MS	35	28	0.85	528.5	cdefg
214608	M	35	21	0.87	518	cdefg
5250	MS	35	28	0.83	514.5	cdefg
238131	MS	35	28	0.84	507.5	cdefg
222553	MS	35	28	0.9	497	cdefg
204476	MS	35	28	0.84	493.5	cdefg
204521	MS	35	28	0.81	476	cdefg
213037	MS	25	20	0.68	462	cdefg

232119	MS	25	20	0.68	458.5	cdefg
226884	MS	35	28	0.79	458.5	cdefg
214467	M	25	15	0.69	444.5	cdefg
222437	M	25	15	0.69	444.5	cdefg
226898	MS	30	24	0.71	437.5	cdefg
204011	MS	30	24	0.71	430.5	cdefg
226883	MS	30	24	0.72	423.5	cdefg
226866	MS	25	20	0.64	420	cdefg
226860	MS	25	20	0.63	395.5	cdefg
222451	M	25	15	0.54	392	cdefg
222450	MS	25	20	0.68	392	cdefg
236988	MS	30	24	0.72	392	cdefg
222389	M	25	15	0.59	378	cdefg
204509	MS	25	20	0.62	374.5	cdefg
204566	MS	25	20	0.61	371	cdefg
226893	MS	30	24	0.7	371	cdefg
203992	MS	25	20	0.62	357	cdefg
226978	MS	25	20	0.58	353.5	cdefg
208331	MS	20	16	0.5	339.5	defg
236986	M	20	12	0.48	304.5	defg
226821	M	25	15	0.55	304.5	defg
Bohai	MR	15	6	0.4	273	efg
Tob66	MR	20	8	0.49	259	fg
214606	M	20	12	0.43	241.5	g

Note:

Colour Code Key

Colour	Population	Total
	a	1
	ab	1
	abc	1
	abcd	1
	abcde	1
	abcdef	2
	abcdefg	99
	bcdefg	4
	cdefg	28
	defg	3
	efg	1
	fg	1
	g	1