

Table S1. Symptomatic and positive plants for CaLsol; mean and number of males and females and percentage of CaLsol+ specimens of *Bactericera* species captured by sweep net on occasional surveys in potato fields in different production areas in 2016, 2017 and 2018.

Locality	Province	Region	Date	Symptomatic plants	CaLsol+	<i>B. nigricornis</i>						<i>B. trignonica</i>						<i>B. tremblayi</i>					
						insects/sweep		♂		♀		insects/sweep		♂		♀		insects/sweep		♂		♀	
						mean	dv st	N	CaLsol+	N	CaLsol+	mean	dv st	N	CaLsol+	N	CaLsol+	mean	dv st	N	CaLsol+	N	CaLsol+
<i>Cogeces de Íscar</i>	Valladolid	Castile and Leon	28/06/2016	13	0	0.19	0.19	9	0	10	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Íscar</i>	Valladolid	Castile and Leon	28/06/2016	10	0	0.31	0.44	0	-	14	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Pedrajas de San Esteban</i>	Valladolid	Castile and Leon	28/06/2016	17	0	0.04	0.13	0	-	4	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Escalona del Prado</i>	Segovia	Castile and Leon	30/06/2016	19	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Mozoncillo</i>	Segovia	Castile and Leon	30/06/2016	7	0	0.34	0.22	18	6	16	0	0.01	0.03	1	0	0	-	0.00	0.00	0	-	0	-
<i>Torregutiérrez</i>	Segovia	Castile and Leon	30/06/2016	10	0	0.47	0.18	14	0	33	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Cabizuela</i>	Ávila	Castile and Leon	07/07/2016	7	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Nava de Arévalo</i>	Ávila	Castile and Leon	07/07/2016	13	0	0.02	0.04	2	0	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Vinaderos</i>	Ávila	Castile and Leon	07/07/2016	11	0	0.04	0.07	0	-	4	2	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Quintanilla del Agua</i>	Burgos	Castile and Leon	21/07/2016	19	0	0.01	0.03	0	-	1	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Tordomar</i>	Burgos	Castile and Leon	21/07/2016	0	0	0.04	0.07	0	-	4	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Cantalpino</i>	Salamanca	Castile and Leon	28/07/2016	19	0	0.02	0.06	0	-	2	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Pedrosillo de los Aires</i>	Salamanca	Castile and Leon	28/07/2016	17	0	0.07	0.13	3	0	4	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Cabezón de Pisuerga</i>	Valladolid	Castile and Leon	09/08/2016	3	0	0.01	0.03	0	0	1	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Lomoviejo</i>	Valladolid	Castile and Leon	09/08/2016	0	1	0.05	0.16	2	-	3	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Velascálvaro</i>	Valladolid	Castile and Leon	09/08/2016	4	0	0.10	0.32	3	0	7	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Chatún</i>	Segovia	Castile and Leon	01/08/2017	0	0	0.04	0.05	3	0	2	0	0.02	0.04	1	0	1	1	0.04	0.07	0	-	2	0
<i>Cogeces de Íscar</i>	Segovia	Castile and Leon	01/08/2017	0	0	0.22	0.20	10	0	12	0	0.03	0.05	0	-	3	1	0.00	0.00	0	-	0	-
<i>Remondo</i>	Segovia	Castile and Leon	01/08/2017	6	6	0.05	0.05	1	0	4	0	0.00	0.00	0	-	0	-	0.02	0.04	0	-	1	0
<i>Castresana de Losa</i>	Burgos	Castile and Leon	03/08/2017	0	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Dobro</i>	Burgos	Castile and Leon	03/08/2017	0	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Fuenteurbel</i>	Burgos	Castile and Leon	03/08/2017	0	0	0.07	0.08	0	-	7	1	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Cubillo de Ebro</i>	Santander	Cantabria	17/08/2017	0	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Montecillo</i>	Santander	Cantabria	17/08/2017	0	0	0.22	0.18	3	0	19	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Renado de Bricia</i>	Santander	Cantabria	17/08/2017	0	0	0.02	0.06	1	0	1	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>San Martín de Elines</i>	Santander	Cantabria	17/08/2017	0	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Villamoñico</i>	Santander	Cantabria	17/08/2017	0	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Fuencaliente de Valdelucio</i>	Burgos	Castile and Leon	17/08/2017	0	0	0.19	0.19	4	0	15	1	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Becerril de Carpio</i>	Palencia	Castile and Leon	17/08/2017	0	0	0.04	0.07	3	1	1	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Santa Mª de Mave</i>	Palencia	Castile and Leon	17/08/2017	0	0	0.27	0.25	11	0	16	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Villallano</i>	Palencia	Castile and Leon	17/08/2017	0	0	0.47	0.13	18	0	29	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Chañe</i>	Segovia	Castile and Leon	12/07/2018	0	0	0.16	0.16	4	0	12	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Remondo</i>	Segovia	Castile and Leon	12/07/2018	0	0	0.27	0.25	6	0	21	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Cogeces de Íscar</i>	Valladolid	Castile and Leon	12/07/2018	0	0	0.03	0.05	0	-	3	0	0.00	0.00	0	-	0	-	0.02	0.04	0	-	1	0
<i>Cubillo</i>	Santander	Cantabria	18/07/2018	0	0	0.02	0.06	0	-	2	-	0.00	0.00	1	-	1	-	0.00	0.00	0	-	0	-
<i>Campo de Cuéllar</i>	Segovia	Castile and Leon	24/07/2018	0	0	2.26	0.73	66	1	160	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Ruerrero</i>	Santander	Cantabria	30/07/2018	0	0	0.10	0.11	2	-	8	-	0.02	0.04	1	-	1	-	0.00	0.00	0	-	0	-
<i>Espinosa</i>	Santander	Cantabria	07/08/2018	0	0	0.08	0.08	2	-	6	-	0.10	0.28	0	-	8	-	0.00	0.00	0	-	0	-
<i>Cubillo</i>	Santander	Cantabria	21/08/2018	0	0	0.04	0.10	0	-	4	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Basconcillos del Tozo</i>	Burgos	Castile and Leon	21/08/2018	0	0	0.07	0.11	2	0	5	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Santa Mª Mave</i>	Palencia	Castile and Leon	21/08/2018	0	0	0.18	0.28	5	0	13	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Villarén de Valdivia</i>	Palencia	Castile and Leon	21/08/2018	0	0	0.03	0.07	2	0	1	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Ruerrero</i>	Santander	Cantabria	06/09/2018	0	0	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
<i>Espinosa</i>	Santander	Cantabria	13/09/2018	-	-	0.01	0.03	0	-	1	-	0.00	0.00	0	-	0	-	0.00	0.00	0	-	0	-
Total					7			194	8	445	4			4	0	14	2			0	0	4	0