

Table S1: Effect of caprifig genotype, storage time and genotype and storage time interaction on the number of *B.psenes* and *P.caricae* and the duration of *B.psenes*'s exit

Genotype (G)	Number of <i>B.psenes</i> (number/fruit)			Duration of <i>B.psenes</i> 's exit (days)			Number of <i>P.caricae</i> (number/fruit)		
	2020	2021	2022	2020	2021	2022	2020	2021	2022
16 08 05	293.00 a*	146.55 a	183.55 bc	3.44 a	2.88 a	3.66 a	1.22 b	9.11 a	2.00 b
16 08 09	186.22 bc	86.44 b	264.66 a	2.33 c	1.44 c	2.88 bc	2.22 ab	1.55 c	2.00 b
16 08 10	155.66 c	80.88 b	148.33 c	2.77 b	2.00 b	2.77 c	2.22 ab	2.11 c	1.77 b
16 09 10	287.00 a	98.55 b	168.00 bc	3.22 a	2.00 b	3.22 b	2.77 a	3.88 b	1.44 b
16 ZF 08	217.33 b	109.88 ab	204.66 b	3.11 ab	1.88bc	3.00 bc	2.22 ab	4.11 b	3.88 a
F-value	18.02	5.63	7.01	10.53	10.69	6.54	3.77	23.78	4.36
Storage time (ST) (days)									
0	304.66 a	191.93 a	293.80 a	3.80 a	3.20 a	3.86 a	2.33 a	5.13 a	2.40
8	218.80 b	94.40 b	181.40 b	2.73 b	2.06 b	3.13 b	1.33 b	4.26 ab	2.13
16	160.06 c	27.13 c	106.33 c	2.40 c	0.86 c	2.33 c	2.73 a	3.06 b	2.13
F-value	42.95	61.31	52.15	50.03	88.12	51.93	7.58	4.80	0.18
Interaction G × ST									
16 08 05 × 0 th day	404.00 a*	187.66 ab	306.60 b	4.60 a	3.60 a	5.00 a	2.00 cde	8.60 ab	2.60 bcd
16 08 05 × 8 th day	325.00 bc	133.20 bcd	193.20 cd	3.00 cde	2.60 bcd	3.60 bc	1.20 def	8.00 abc	2.20 bcd
16 08 05 × 16 th day	150.00 fgh	118.66 cde	50.60 f	2.60 def	2.20 cd	2.20 ef	0.20 ef	10.60 a	1.00 cd
16 08 09 × 0 th day	261.00 cd	178.33 abc	414.00 a	3.60 bc	3.00 abc	3.60 bc	2.00 cde	2.20 efgh	2.60 bcd
16 08 09 × 8 th day	90.00 h	80.00 def	280.00 b	1.20 g	1.00 de	2.60 cde	1.20 def	1.60 fgh	2.60 bcd
16 08 09 × 16 th day	207.60 efg	3.00 g	100.00 ef	2.00 fg	0.20 e	2.20 ef	3.20 abc	0.60 h	1.00 cd
16 08 10 × 0 th day	210.00 def	163.32 bc	239.20 bc	3.20 bcd	2.60 bcd	3.20 bcd	2.00 cde	3.20 efg	0.60 d
16 08 10 × 8 th day	138.20 fgh	64.320 efg	98.60 ef	3.00 cde	2.20 cd	3.00 cde	0.20 f	1.60 fgh	1.60 bcd
16 08 10 × 16 th day	118.60 gh	15.00 fg	107.00 def	2.00 fg	1.00 de	2.00 f	4.60 a	1.20 gh	3.00 abc
16 09 10 × 0 th day	370.20 ab	237.00 a	229.00 bc	3.20 bcd	3.20 ab	3.20 bcd	4.60 a	6.60 bcd	2.60 bcd
16 09 10 × 8 th day	307.20 bc	58.66 efg	161.60 cde	3.20 bcd	2.20 cd	3.20 bcd	2.60 bcd	5.00 cde	0.60 d
16 09 10 × 16 th day	183.20 efg	0.20 g	113.20 def	3.00 cde	0.20 e	3.00 cde	1.00 def	0.20 h	1.00 cd
16 ZF 08 × 0 th day	278.00 cd	193.20 ab	280.00 b	4.00 ab	3.20 ab	4.00 b	1.00 def	4.60 def	3.20 ab
16 ZF 08 × 8 th day	233.20 de	135.66 bcd	173.20 cde	3.00 cde	2.00 cd	3.00 cde	1.20 def	5.00 cde	3.20 ab
16 ZF 08 × 16 th day	140.60 fgh	0.60 g	160.60 cde	2.20 ef	0.20 e	2.00 f	4.20 ab	2.60 efgh	5.00 a
F-value	150.60	220.15	78.16	7.85	6.22	8.25	5.26	10.12	12.25
Factor (p-value)									
G	<0.01**	0.01*	<0.01**	<0.01**	<0.01**	<0.01**	0.04*	<0.01**	<0.01
ST	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**	0.01*	0.83 ns
G × ST	<0.01**	0.03*	0.01*	<0.01**	0.01*	<0.01**	<0.01**	0.02*	0.04*

* and ** within a column indicate a significant difference at the $p < 0.05$ and $p < 0.01$ level. (ns: not significant). Small letters indicate a significant difference according to the Duncan test, $p < 0.05$.

Table S2: Effects of the caprifig genotype, storage time and genotype and storage time interaction on pollen viability, germination, equatorial diameter, and polar length.

Genotype (G)	Pollen viability (%)			Pollen germination (%)			Equatorial diameter (µm)			Polar length (µm)		
	2020	2021	2022	2020	2021	2022	2020	2021	2022	2020	2021	2022
16 08 05	75.0 ^{b*}	80.6 ^a	88.9 ^a	26.3 ^c	46.1 ^b	45.3 ^a	9.64 ^b	9.42 ^d	9.98 ^b	9.36 ^b	9.31 ^b	9.56 ^{bc}
16 08 09	76.9 ^{ab}	82.4 ^a	87.1 ^a	38.9 ^a	44.3 ^b	40.6 ^b	10.44 ^a	10.34 ^{ab}	10.39 ^a	9.70 ^{ab}	9.56 ^b	9.98 ^a
16 08 10	79.6 ^{ab}	83.3 ^a	82.4 ^b	26.0 ^c	35.9 ^c	23.9 ^d	9.87 ^b	9.94 ^{bc}	9.74 ^b	9.59 ^{ab}	9.49 ^b	9.43 ^{bc}
16 09 10	81.2 ^a	84.1 ^a	86.1 ^a	33.7 ^b	53.9 ^a	39.3 ^b	10.30 ^a	10.43 ^a	10.38 ^a	10.07 ^a	10.12 ^a	10.11 ^a
16 ZF 08	67.2 ^c	65.0 ^b	89.3 ^a	28.2 ^c	33.2 ^c	32.2 ^c	9.90 ^b	9.79 ^{cd}	9.78 ^b	9.10 ^b	9.48 ^b	9.30 ^c
F-value	10.96	48.76	6.54	24.50	23.63	43.85	11.82	13.23	25.24	5.29	24.28	21.35
Storage time (ST) (days)												
0	74.2 ^b	85.6 ^a	88.1 ^a	28.9	41.7 ^b	30.4 ^b	10.04	9.98	10.06	9.62	9.60	9.70
8	75.1 ^{ab}	73.1 ^c	88.6 ^a	31.4	40.4 ^b	40.1 ^a	10.04	9.95	10.04	9.41	9.61	9.68
16	78.6 ^a	78.4 ^b	84.2 ^b	31.6	45.9 ^a	38.6 ^a	10.01	9.99	10.03	9.66	9.56	9.63
F-value	5.23	51.69	11.31	2.80	4.73	27.10	0.94	0.72	0.62	1.23	0.87	0.65
Interaction G x ST												
16 08 05 x 0 th day	68.9 ^{fgh}	87.9 ^{bc}	89.08	17.9 ^h	45.8 ^{bcd}	35.0 ^{cde}	9.69	9.40	10.02	9.30	9.31	9.62
16 08 05 x 8 th day	73.3 ^{defg}	72.2 ^{gh}	90.16	23.5 ^{efgh}	45.0 ^{bcd}	55.5 ^a	9.61	9.46	9.96	9.38	9.39	9.56
16 08 05 x 16 th day	82.8 ^{abc}	81.9 ^{def}	87.50	37.6 ^{bc}	47.5 ^{bcd}	45.4 ^b	9.63	9.39	9.98	9.41	9.23	9.50
16 08 09 x 0 th day	80.2 ^{abcd}	86.0 ^{bcd}	87.87	59.4 ^a	41.0 ^{de}	30.2 ^{ef}	10.34	10.44	10.4	9.69	9.62	10.02
16 08 09 x 8 th day	85.1 ^{ab}	77.7 ^{fg}	89.40	29.1 ^{de}	42.6 ^{cd}	52.9 ^a	10.55	10.22	10.37	9.64	9.56	9.99
16 08 09 x 16 th day	65.3 ^{gh}	83.6 ^{cde}	84.17	28.3 ^{def}	49.2 ^{bcd}	38.8 ^c	10.43	10.28	10.31	9.77	9.50	9.93
16 08 10 x 0 th day	71.7 ^{efg}	90.0 ^{ab}	83.73	22.3 ^{gh}	52.5 ^{ab}	31.8 ^{def}	9.98	9.98	9.75	9.56	9.56	9.42
16 08 10 x 8 th day	82.4 ^{abc}	78.8 ^{ef}	84.71	32.8 ^{cd}	29.6 ^f	19.5 ^h	9.81	9.93	9.78	9.51	9.49	9.50
16 08 10 x 16 th day	84.8 ^{ab}	81.3 ^{def}	82.02	23.0 ^{fgh}	25.6 ^{fg}	20.4 ^{gh}	9.83	9.90	9.70	9.71	9.44	9.37
16 09 10 x 0 th day	87.4 ^a	94.0 ^a	90.39	23.2 ^{fgh}	50.0 ^{bc}	28.7 ^{ef}	10.38	10.38	10.36	10.12	10.11	10.18
16 09 10 x 8 th day	74.9 ^{defg}	76.3 ^{fg}	86.33	36.4 ^{bc}	52.3 ^{ab}	39.0 ^c	10.27	10.33	10.33	10.09	10.11	10.09
16 09 10 x 16 th day	81.3 ^{abcd}	80.7 ^{def}	81.66	41.6 ^b	59.3 ^a	50.3 ^{ab}	10.25	10.53	10.43	10.00	10.13	10.05
16 ZF 08 x 0 th day	62.8 ^{hi}	70.4 ^h	89.59	22.0 ^{gh}	19.0 ^g	26.6 ^{fg}	9.83	9.74	9.80	9.47	9.40	9.30
16 ZF 08 x 8 th day	59.8 ⁱ	60.3 ⁱ	92.71	35.2 ^c	32.6 ^{ef}	31.9 ^{def}	9.97	9.79	9.78	8.43	9.57	9.27
16 ZF 08 x 16 th day	78.0 ^{bcde}	64.4 ⁱ	85.87	27.3 ^{defg}	47.9 ^{bcd}	38.2 ^{cd}	9.91	9.85	9.76	9.40	9.48	9.33
F-value	8.31	3.63	1.72	27.08	11.16	26.78	0.85	1.56	2.20	0.91	0.62	1.87
Factor (p-value)												
G	<0.01**	<0.01**	0.02*	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**	<0.01**
ST	0.04*	<0.01**	<0.01**	0.07 ns	0.01*	<0.01**	0.06 ns	0.99 ns	0.71 ns	0.30 ns	0.75 ns	0.86 ns
G × ST	<0.01**	0.01*	0.32 ns	<0.01**	<0.01**	<0.01**	0.96 ns	0.99 ns	0.98 ns	0.53 ns	0.92 ns	0.94 ns

* and ** within a column indicate a significant difference at the $p < 0.05$ and $p < 0.01$ level. (ns: not significant). Small letters indicate a significant difference according to the Duncan test, $p < 0.05$.