Table 1 Time to exhibit petal senescence of unpollinated and pollinated flowers of *Dendrobium* 'Miss Teen' with 5 cultivars pollinia.

Treatment	Epinasty[1]	Droop[2]	Venation[3]	Lip yellowing [4]	Fading[5]	Browning[6]
'Miss Teen' (Nonpollination)	>15.6 [a]	>16.2 [a]	>17.0 [a]	>17.0 [a]	>17.0 [a]	>17.0 [a]
'Miss Teen' x 'Miss Teen'	>12.8 [b]	>14.7 [b]	>15.9 [b]	>16.1 [ab]	>16.5 [a]	>16.5 [a]
'Miss Teen' x 'Karen'	>9.8 [c]	>11.2 [c]	>16.1[b]	>16.4[b]	>17.0[a]	>17.0 [a]
'Miss Teen' x 'Pompadour'	1.1[d]	3.1[d]	4.4 [d]	6.1 [d]	8.2 [b]	9.3 [b]
'Miss Teen' x 'Willie'	1.1[d]	3.7 [d]	6.3 [c]	7.1 [c]	8.0 [b]	8.0 [d]
'Miss Teen' x 'Sakura'	1.1[d]	2.7 [d]	4.0 [d]	4.2 [d]	6.0 [c]	8.6 [c]
F-test	**	**	**	**	**	**

[1,2,3,4 ,5,6] Mean within columns not sharing the same letter are significantly different at $P = 0.01$ (DMRT) and ** = significant at $P = 0.01$

Table 2 Time to exhibit petal senescence of *Dendrobium* 'Miss Teen' flowers after pollination with and without soaking pollinia.

Treatment	Epinasty[1]	Droop[2]	Venation[3]	Lip yellowing[4]	Fading[5]	Water soaking[6]	Browning[7]
'Miss Teen' (Nonpollination)	>11.9 a	>12.0 a	>12.0 a	>12.0 a	>12.0 a	>12.0 a	>12.0 a
'Miss Teen' x 'Sakura'	1.0 b	2.5 b	3.0 c	4.7 b	6.7 b	7.6 b	7.7 b
'Miss Teen' x 'Sakura' soaked 1 min	1.0 b	1.40 c	3.6 b	4.0 c	5.0 c	7.0 c	7.7 b
'Miss Teen' x 'Sakura' soaked 3 min	1.0 b	2.1 b	3.3 bc	4.6 b	5.6 c	7.7 b	7.6 b
'Miss Teen' x 'Sakura' soaked 5 min	1.2 b	2.7 b	3.7 b	4.6 b	5.4 c	6.2 d	7.0 c
'Miss Teen' x 'Sakura' soaked 10 min	1.0 b	2.1 b	3.3 bc	4.6 b	5.6 c	7.7 b	6.2 d
F-test	**	**	**	**	**	**	**

[1,2,3,4,5,6,7] Mean within columns not sharing the same letter are significantly different at $P = 0.01$ (DMRT) and ** = significant at $P = 0.01$