

S 2: Averaged data is displayed for plant response parameters for Cultivar R: Plant Height (HT) Dihydroxyacetone (DHA), Nectar Yield in g/flower Relative Growth Rate (RGR) is the average change in basal stem diameter per month over the length of the experiment, Basal Stem diameter (BS), seed capsule numbers (Mean Caps), start of flowering (Mean Start Days) and flowering period. Results from a Tukey Comparison of means at the 95.0% confidence level are displayed in the columns next to the parameter value, means that do not share a letter are significantly different. Plant growth parameters are those measured at the end of the experiment. SC = soil code. Parameters values are listed from the highest to lowest in each column with the relevant soil code listed alongside.

SC	Mean Start Days	SC	Mean Flowering Period	SC	Mean DHA	SC	Mean Caps	SC	Mean nectar Yield g/flower	SC	Mean BS (mm)	SC	Mean HT (mm)	SC	Mean RGR (mm/month)
3	237.7 A	5	142.00 A	1	6910 A	5	292.11 A	6	0.0051 A	5	12.421 A	10	889.3 A	10	0.68 A
8	207.4 A B	9	117.90 A B	9	6881 A	6	195.30 A B	9	0.0051 A	10	10.823 A B	6	872.7 A	3	0.66 A
6	200.4 A B	4	110.80 B	10	6873 A	10	180.75 A B	4	0.0051 A	4	10.673 A B	3	828.3 A B	4	0.65 A
10	194.8 A B	7	110.40 A B	4	6828 A	8	146.00 B	10	0.0048 A	3	10.391 A B	4	787.0 A B	5	0.65 A
2	193.8 A B	10	109.56 B	5	6796 A	3	144.67 B	8	0.0046 A	6	10.305 A B	2	784.6 A B	6	0.61 A
1	189.4 A B	3	109.22 B	6	6668 A	4	128.90 B	7	0.0046 A	2	9.815 A B	5	755.6 A B	2	0.59 A B
4	188.0 A B	1	107.89 B	2	6630 A	2	125.00 B	1	0.0046 A	8	9.157 B	8	727.4 A B	8	0.52 A B
7	184.4 A B	2	102.25 B	8	6561 A	1	95.33 B	5	0.0046 A	1	8.680 B	1	711.0 A B	1	0.49 A B
9	174.9 B	6	94.30 B	3	6083 A	9	86.00 B	2	0.0037 A	9	8.517 B	9	645.7 B	9	0.49 A B
5	158.9 B	8	91.70 B	7	5854 A	7	41.80 B	3	0.0033 A	7	7.504 B	7	584.4 B	7	0.29 B