

Table 2. Foliage and flower performance ratings in sprayed field of *Catharanthus roseus* (L.) G. Don (Madagascar periwinkle or vinca) grown in Bradenton, FL, grouped within classes according to species morphology and color. Seeds were sown 7 Feb. and 13 Feb., and plugs transplanted to ground beds 20 March.

foliage/flower Cultivar	Foliage ratings ^V				Flower rating ^W				Overall
	Apr. 27	May 12	June 3	Avg.	Apr. 27	May 12	June 3	Avg.	ratings ^X Avg.
<i>Mixes class</i>									
Cooler Mix	5.5 ^Y	6.3	4.0 b	5.3 ab	3.3 b	4.8	5.0 b	4.3 b	4.8 c
Merlot Mix	5.3	6.0	6.0 a	5.8 a	5.0 a	5.3	5.3 b	5.2 a	5.5 a
Stardust Mix	5.0	6.0	2.3 c	4.4 c	3.0 b	5.0	6.0 a	4.7 ab	4.5 c
Tutti Frutti Mix	5.0 ^{NS}	5.8 ^{NS}	4.8 b	5.2 b	5.0 a	5.0 ^{NS}	4.0 c	4.7 ab	4.9 b
<i>Pinks class</i>									
Cooler Blush	4.5 bc	6.3 bc	5.5 a	5.4 b	2.8 c	4.3 b	5.0	4.0 cd	4.7 bcd
Cooler Icy Pink	5.5 a	5.8 cde	6.3 a	6.3 a	4.0 b	4.5 b	5.3	4.6 bc	5.4 a
Cooler Pink	5.0 ab	6.8 ab	5.0 a	5.6 b	2.8 c	4.5 b	5.3	4.2 cd	4.9 abc
Cooler Strawberry	4.8 b	5.8 cde	6.0 a	5.5 b	3.0 c	5.0 b	5.3	4.4 c	5.0 abc

Table 2. Continued.

^V Foliage ratings on a 1 to 7 scale: 7- all plants in a plot had full and uniform foliage, plants were free of pest symptoms and abnormalities or weaknesses such as lodging; 4- average foliage density, minimal lodging, and/or some insect damage but foliage was still acceptable; 1- foliage sparse, stem lodging, and/or unacceptable pest damage making plants undesirable.

^W Flower ratings on a 1 to 7 scale: 7- flowers were numerous, uniformly distributed over all plants, flowers were free from pest symptoms; 4- average floral display, may have some pest damage but not severe enough to cause flowers to be unacceptable; and 1- unacceptable flower number or display, and/or pest damage severe resulting in unattractive flowers.

^Z Salmon colors include peach and apricot hues and shades.

Cultivar	Foliage ratings				Flower rating				Overall foliage/flower ratings
	One	Two	Three	Avg	One	Two	Three	Avg	Avg
SunStorm Blush	4.8 b	5.0 f	6.0 a	5.3 b	5.0 a	5.8 a	4.8	5.2 ab	5.2 ab
SunStorm Rose	4.8 b	5.3 ef	6.5 a	5.5 b	4.5 ab	4.5 b	4.0	4.3 c	4.9 abc
SunStorm Rose w/Eye	4.8 a	5.5 def	6.5 a	5.6 b	5.0 a	6.0 a	5.0	5.4 a	5.5 a
Heatwave Pink	4.0 c	5.0 f	6.0 a	5.0 bc	2.0 d	4.5 b	4.3	3.6 d	4.3 d
Stardust Pink	4.8 b	6.0 cd	2.8 b	4.5 c	4.0 b	5.0 b	4.3 ^{NS}	4.4 c	4.5 cd
<i>Purples, dark – violet blue class</i>									
Heatwave Blue With Eye	4.3	5.0	6.0	5.1	2.8	3.8	4.3	3.6	4.3
<i>Purples, dark – violet red class</i>									
Cooler Raspberry Red	5.3 ab	6.0 ab	5.8 a	5.7 a	3.0 b	4.3 bc	5.5	4.2 ab	5.0 a
Cooler Orchid	5.8 a	6.8 a	6.0 a	6.2 a	2.8 bc	4.3 bc	4.5	3.9 bc	5.0 a
SunStorm Orchid	5.3 ab	6.8 a	6.3 a	6.1 a	4.3 a	5.0 a	4.3	4.5 a	5.3 a
SunStorm Lilac	5.0 ab	5.8 b	6.0 a	5.6 a	4.0 a	4.8 ab	5.3	4.7 a	5.1 a
Heatwave Raspberry	3.3 c	5.3 b	5.5 b	4.7 b	2.0 c	4.0 c	4.3	3.4 c	4.1 b
Stardust Orchid	4.5 b	5.5 b	3.8 b	4.6 b	2.5 bc	4.8 ab	5.5 ^{NS}	4.3 ab	4.4 b
<i>Purples, light – violet blue class</i>									
Blue Pearl	6.0	7.0	6.5	6.5	3.5	4.0	5.5	4.3	5.4

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall foliage/flower ratings
	One	Two	Three	Avg	One	Two	Three	Avg	Avg
<i>Purples, light – violet red class</i>									
Cooler Grape	5.8	6.5	5.8	6.0	3.0	4.3	5.0	4.1	5.1
<i>Reds class</i>									
Cooler Red	4.5 ab	5.5	4.5 b	4.8 b	3.8 ab	4.5	4.0	4.1 ab	4.5 b
SunStorm Bright Red	5.0 a	5.8	6.5 a	5.8 a	4.0 a	4.8	4.5	4.4 a	5.1 a
Heatwave Cherry	4.3 b	5.8	5.8 ab	5.3 ab	2.0 c	4.8	3.5	3.4 c	4.4 b
Sunsplash Cherry	5.0 a	6.0 ^{NS}	6.0 a	5.7 a	3.3 b	4.8 ^{NS}	3.5 ^{NS}	3.9 b	4.8 a
<i>Roses class</i>									
Cooler Rose	4.8	5.8	2.8 b	4.4 b	3.0 b	4.3	5.8	4.3	4.4
Heatwave Deep Rose	4.0 ^{NS}	5.0 ^{NS}	6.3 a	5.1 a	4.0 a	4.8 ^{NS}	3.8 ^{NS}	4.2 ^{NS}	4.6 ^{NS}
<i>Salmons^Z class</i>									
Cooler Apricot	5.0	5.0	5.3	5.1	4.5	5.0	4.0	4.5	4.8
SunStorm Apricot	4.5 ^{NS}	5.5 ^{NS}	5.5 ^{NS}	5.2 ^{NS}	4.8 ^{NS}	5.0 ^{NS}	4.0 ^{NS}	4.6 ^{NS}	4.9 ^{NS}
<i>Whites class</i>									

Table 2. Continued.

Overall

Cultivar	Foliage ratings				Flower rating				foliage/flower ratings
	One	Two	Three	Avg	One	Two	Three	Avg	Avg
Cooler Coconut	5.0 a	6.3 a	6.3 ^{NS}	5.8 a	3.0 b	4.8 ab	4.5	4.1 c	5.0 ab
Cooler Peppermint	5.0 a	6.5 a	5.5 ^{NS}	5.7 a	3.0 b	4.3 b	4.8	4.0 c	4.9 ab
SunStorm White w/Eye	5.0 a	5.8 ab	6.3	5.7 a	4.5 a	4.8 ab	5.0	4.8 a	5.2 a
Heatwave Peppermint	4.0 b	5.8 ab	6.5	5.4 ab	4.0 a	5.0 ab	4.8	4.6 ab	5.0 ab
Heatwave White	4.0 b	5.0 b	5.8 ^{NS}	4.9 b	3.8 ab	5.3 a	4.0 ^{NS}	4.3 bc	4.7 b
<i>Trailing; purples, light – violet blue class</i>									
Cascade Appleblossom	6.0	6.5	4.8	5.7	5.0	5.0	5.5	5.2	5.5