

Table 3. Arthropod and disease pest ratings<sup>X</sup> on foliage of *Petunia x hybrida* Hort. Vilm.-Andr. (petunia or garden petunia) grown in Bradenton, FL, grouped within classes according to cultivar plant type, and flower type and color. Seeds were sown 7 Feb. and 14 Feb., and plugs transplanted to ground beds 20 March.

Cultivar	Arthropod - Foliage				Disease - Foliage				Overall Foliage Pest Rating <sup>Y</sup>
	20/27 Apr.	20 May	7 June	Avg.	20/27 Apr.	20 May	7 June	Avg.	
<i>Floribunda – double, pink class</i>									
Pink Double Madness	7.0 <sup>Z</sup>	5.5	6.0	6.2	7.0	6.0	3.3	5.4 b	5.8 b
Satin Pink Double Madness	7.0	6.8	6.8	6.9	7.0	6.5	4.0	5.8 a	6.3 a
Sheer Double Madness Improved	7.0 <sup>NS</sup>	6.5 <sup>NS</sup>	6.8 <sup>NS</sup>	6.8 <sup>NS</sup>	7.0 <sup>NS</sup>	6.0 <sup>NS</sup>	3.8 <sup>NS</sup>	5.6 b	6.2 a
<i>Floribunda – single; purple, dark red violet /white class</i>									
Celebrity Burgundy Frost	7.0	7.0	6.8	6.9	7.0	7.0	4.0	6.0	6.5
<i>Floribunda – single; rose class</i>									
Celebrity Rose	7.0	7.0	6.5	6.9	6.8	7.0	4.8	6.2	6.5
<i>Grandiflora – single; mixes class</i>									
Wild Rose Mix	7.0	6.5	6.8	6.8	7.0	7.0	4.5	6.2	6.5
<i>Grandiflora – single; purple, dark red violet class</i>									
Madness Magenta	7.0	6.3	7.0	6.8	7.0	7.0	4.0	6.0	6.4
Ultra Violet	6.8 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	6.9 <sup>NS</sup>	6.8 <sup>NS</sup>	7.0 <sup>NS</sup>	5.0 <sup>NS</sup>	6.3 <sup>NS</sup>	6.6 <sup>NS</sup>
<i>Grandiflora – single; white/yellow class</i>									
Aladdin Yellow	7.0	5.5	6.0	6.2	7.0	6.8	4.3	6.0	6.1

<sup>X</sup> Foliage pest ratings for arthropods and disease on a 1 to 7 scale: 7- all foliage was free from arthropod feeding scars; 4- average foliage or condition, minimal pest damage to tissue, but foliage was still acceptable; 1- foliage severely infested and damage unacceptable, making foliage undesirable.

<sup>Y</sup> The sum of the arthropod and disease ratings averages divided by 2.

<sup>Z</sup> Mean separation within classes by LSD, P < 0.05.

Table 3. Continued.

Cultivar	Arthropod - Foliage				Disease – Foliage				Overall Foliage Pest Rating
	20/27 Apr.	20 May	7 June	Avg.	20/27 Apr.	20 May	7 June	Avg.	
	<i>Milliflora – single; purple, light blue violet class</i>								
Fantasy Light Lavender	7.0	7.0	7.0	7.0	7.0	6.5	6.3	6.6	6.8
	<i>Milliflora – single; rose class</i>								
Fantasy Rose	7.0	7.0	7.0	7.0	7.0	7.0	5.5	6.5	6.8
	<i>Multiflora – single; pink class</i>								
Symphony Pink	7.0	6.8	7.0	6.9	7.0	6.8	7.0	6.0	6.5
	<i>Multiflora – single; purple, dark blue violet class</i>								
Symphony Purple	7.0	7.0	7.0	7.0	7.0	5.3	3.5	5.3	6.1
Symphony Violet	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	5.3 <sup>NS</sup>	4.3 <sup>NS</sup>	5.5 <sup>NS</sup>	6.3 <sup>NS</sup>
	<i>Multiflora – single; red class</i>								
Symphony Scarlet	7.0	7.0	6.8	6.9	7.0	5.8	4.8	5.8	6.4
	<i>Multiflora – single; rose class</i>								
Symphony Deep Rose	6.3	6.5	6.8	6.5	7.0	6.5	4.3	5.9	6.2
Symphony Rose	7.0 <sup>NS</sup>	6.8 <sup>NS</sup>	6.5 <sup>NS</sup>	6.8 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	4.5 <sup>NS</sup>	6.2 <sup>NS</sup>	6.5 <sup>NS</sup>
	<i>Multiflora – single; salmon class</i>								
Symphony Salmon	7.0	7.0	7.0	7.0	7.0	6.3	4.3	5.9	6.4
	<i>Multiflora – single; white class</i>								
Symphony White	6.5	7.0	6.8	6.8	5.0	7.0	5.8	5.9	6.3

Table 3. Continued.

Cultivar	Arthropod - Foliage				Disease – Foliage				Overall Foliage Pest Rating
	20/27 Apr.	20 May	7 June	Avg.	20/27 Apr.	20 May	7 June	Avg.	
	<i>Spreading – blue class</i>								
Ramblin' Deep Blue	7.0	6.0	6.8	6.6	6.3	5.3	3.0	4.9	5.7
	<i>Spreading – pink class</i>								
Avalanche Pink	7.0	7.0	7.0	7.0	6.5	4.5 b	4.3	5.1	6.0
Ramblin' Shades 'O Pink	7.0 <sup>NS</sup>	6.8 <sup>NS</sup>	7.0 <sup>NS</sup>	6.9 <sup>NS</sup>	6.8 <sup>NS</sup>	7.0 a	4.5 <sup>NS</sup>	6.1 <sup>NS</sup>	6.5 <sup>NS</sup>
Wave Pink experimental 99WP5	7.0	7.0	7.0	7.0	7.0	6.3 ab	5.3	6.2	6.6
	<i>Spreading – dark, blue violet class</i>								
Avalanche Lavender	7.0	7.0	7.0	7.0	6.5	6.0	4.3 b	5.6 b	6.3
Wave Lavender	7.0 <sup>NS</sup>	6.5 <sup>NS</sup>	6.8 <sup>NS</sup>	6.8 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	5.8 a	6.6 a	6.7 <sup>NS</sup>
	<i>Spreading – light, blue violet class</i>								
Avalanche Lilac	7.0	7.0	7.0	7.0	6.8	6.0	3.5	5.4	6.2
	<i>Spreading – red class</i>								
Avalanche Cherry	7.0	6.5	7.0	6.8	7.0	6.8	3.8 b	5.9	6.3
Avalanche Red	6.0 <sup>NS</sup>	6.5 <sup>NS</sup>	7.0 <sup>NS</sup>	6.5 <sup>NS</sup>	7.0 <sup>NS</sup>	5.8 <sup>NS</sup>	4.8 a	5.9 <sup>NS</sup>	6.2 <sup>NS</sup>
	<i>Spreading – salmon class</i>								
Avalanche Salmon Shades	7.0	6.8	7.0	6.9	6.0	6.8	3.5	5.4	6.2
Ramblin' Peach Glo	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	7.0 <sup>NS</sup>	5.8 <sup>NS</sup>	6.5 <sup>NS</sup>	3.8 <sup>NS</sup>	5.3 <sup>NS</sup>	6.2 <sup>NS</sup>
	<i>Spreading – white class</i>								
Avalanche White	7.0	7.0	7.0	7.0	4.5	5.5	4.3	4.8	5.9

Table 3. Continued.

Cultivar	Arthropod - Foliage				Disease – Foliage				Overall Foliage Pest Rating
	20/27 Apr.	20 May	7 June	Avg.	20/27 Apr.	20 May	7 June	Avg.	
	<i>Tall Spreading – light purple, blue violet class</i>								
Tidal Wave Silver	6.8	6.8	7.0	6.9	6.8	6.8	5.8	6.4	6.6
	<i>Tall Spreading – dark purple, red violet class</i>								
Kahuna Violet	7.0	7.0	7.0	7.0	7.0	7.0	2.5	5.5	6.3
Ramblin' Burgundy Chrome	7.0 <sup>NS</sup>	6.5 <sup>NS</sup>	7.0 <sup>NS</sup>	6.9 <sup>NS</sup>	6.3 <sup>NS</sup>	6.8 <sup>NS</sup>	3.0 <sup>NS</sup>	5.4 <sup>NS</sup>	6.1 <sup>NS</sup>
	<i>Tall Spreading – white class</i>								
Kahuna White	7.0	6.8	6.8	6.9	7.0	7.0	5.3	6.4	6.7