

Table 2. Foliage and flower performance ratings for *Impatiens walleriana* Hook. f. (syn. *I. sultana* Hook. f.) (impatiens or sultana) grown in a saran-shaded, sprayed on demand field at Bradenton, FL, and grouped within classes according to flower type and color. Seeds were sown 6 Feb. and 13 Feb., and plugs transplanted to ground beds 13 March.

Cultivar	Foliage ratings <sup>v</sup>			Flower rating <sup>w</sup>			Overall foliage/flower ratings <sup>x</sup>
	1 May	26 May	Avg.	1 May	26 May	Avg.	Avg.
	<i>Double flower<sup>y</sup> – orange/white shades/tints class</i>						
Circus Orange White	5.7 <sup>z</sup>	3.3	4.5	2.0	3.3	2.7	3.6
	<i>Double flower – orange shades/tints class</i>						
Fanciful Deep Coral	6.0	6.0	6.0	4.7	3.3	4.0	5.0
Fanciful Salmon	6.0 <sup>NS</sup>	5.7 <sup>NS</sup>	5.8 <sup>NS</sup>	4.7 <sup>NS</sup>	4.0 <sup>NS</sup>	4.3 <sup>NS</sup>	5.1 <sup>NS</sup>

Table 2. Continued.

<sup>v</sup> 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.

<sup>x</sup> Sum of foliage and flower ratings averages divided by 2.

<sup>y</sup> The double flower class is composed of both double and semi -double flower forms.

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

Cultivar	Foliage ratings			Flower rating			Overall foliage/flower ratings
	1 May	26 May	Avg.	1 May	26 May	Avg.	Avg.
	<i>Double flower – red class</i>						
Fanciful Red	5.7	6.0	5.8	4.7	4.3	4.5	5.2
	<i>Double flower – rose shades/tints class</i>						
Fanciful Orchid Rose	5.0	5.3	5.2	3.3	4.3	3.8	4.5
	<i>Single flower – mixes class</i>						
Dazzler Star Mix	4.7	5.7	5.2	4.7	4.0	4.3	4.8
Showstopper Cotton Candy	5.3	5.0	5.2	5.0	5.0	5.0	5.1
Showstopper Tropical Flair Mix	5.3	4.0	4.7	5.0	4.3	4.7	4.7
Tempo Butterfly Mix	4.7	3.7	4.2	5.0	4.7	4.8	5.4
Tempo Crystal Mix	5.0 <sup>NS</sup>	5.3 <sup>NS</sup>	5.2 <sup>NS</sup>	5.0 <sup>NS</sup>	5.0 <sup>NS</sup>	5.0 <sup>NS</sup>	5.1 <sup>NS</sup>
	<i>Single flower – orange shades/tints class</i>						
Tempo Peach Butterfly	4.7	4.3	4.5	5.0	3.7	4.3	4.5
	<i>Single flower – orange/white shades/tints class</i>						
Stardust Salmon	5.7	5.3	5.5	4.3	4.7	4.5	5.0

Table 2. Continued.

Cultivar	Foliage ratings			Flower rating			Overall foliage/flower ratings
	1 May	26 May	Avg.	1 May	26 May	Avg.	Avg.
<i>Single flower – pink class</i>							
Dazzler Pink Improved	5.3	5.3	5.3	5.0	5.3	5.2	5.3
<i>Single flower – pink shades/tints class</i>							
Super Elfin Deep Pink	5.7	6.0 a	5.8 a	5.3	5.0	5.2 a	5.5 a
Tempo Cherry Butterfly	4.3	4.0 b	4.2 b	4.0	3.7	3.8 b	4.0 b
Tempo Strawberry Butterfly	4.7 <sup>NS</sup>	4.3 b	4.5 b	4.3 <sup>NS</sup>	4.0 <sup>NS</sup>	4.2 b	4.4 b
<i>Single flower – purple, blue-violet shades/tints class</i>							
Carnival Lavender Blue	6.0	5.0 b	5.5	5.0 b	4.7	4.8	5.2
Dazzler Blue Pearl	6.0	6.0 a	6.0	5.7 ab	4.7	5.2	5.6
Super Elfin Blue Pearl	5.7 <sup>NS</sup>	6.0 a	5.8 <sup>NS</sup>	6.3 a	5.3 <sup>NS</sup>	5.8 <sup>NS</sup>	5.9 <sup>NS</sup>
<i>Single flower – purple, red – violet shades/tints class</i>							
Raspberry Swirl	5.0	4.0	4.5	5.3	4.0	4.7	4.6
Tempo Lavender Butterfly	4.3 <sup>NS</sup>	3.0 <sup>NS</sup>	3.7 <sup>NS</sup>	5.3 <sup>NS</sup>	4.0 <sup>NS</sup>	4.7 <sup>NS</sup>	4.2 <sup>NS</sup>

Table 2. Continued.

Cultivar	Foliage ratings			Flower rating			Overall foliage/flower ratings
	1 May	26 May	Avg.	1 May	26 May	Avg.	Avg.
	<i>Single flower – purple, red - violet/white shades/tints class</i>						
Stardust Violet	5.0	5.0	5.0	5.7	5.3	5.5	5.3
	<i>Single flower – rose/white shades/tints class</i>						
Stardust Rose Improved	5.3	5.3	5.3	5.3	5.0	5.2	5.3
	<i>Single flower – red shades/tints class</i>						
Super Elfin Ruby	5.3	4.7	5.0	4.7 a	4.0	4.3	4.7
Tempo Cinnamon	5.0	5.3	5.2	3.7 b	4.7	4.2	4.7
Tempo Lipstick	4.7 <sup>NS</sup>	5.3 <sup>NS</sup>	5.0 <sup>NS</sup>	5.0 a	3.7 <sup>NS</sup>	4.3 <sup>NS</sup>	4.7 <sup>NS</sup>