

Table 2. Foliage and flower performance ratings of impatiens cultivars grouped within color classes (single flower only) and grown at Bradenton, Fla. Seeds were sown 16 Aug., and plugs transplanted to ground beds 18 (pure colors of pink, red and white) and 19 (assorted colors and shades of pink, red and white) Sept. 2000. Cultivars with asterisk (*) by the name and separated by a space from the replicated data are non-replicated single plot observations.

Cultivar	Foliage ratings ^W				Flower rating ^X				Overall ratings ^Y
	13 Nov.	28 Nov.	16 Dec.	Avg	13 Nov.	28 Nov.	16 Dec.	Avg	Avg
<i>Selected color hues</i>									
<i>Orange class</i>									
Carnival Orange	5.8 ^Z	6.0	5.8	5.8	5.5	5.3	5.3	5.3	5.6
Impact Orange	5.5 ^{NS}	6.5 ^{NS}	6.0 ^{NS}	6.0 ^{NS}	5.0 ^{NS}	6.0 ^{NS}	5.3 ^{NS}	5.4 ^{NS}	5.7 ^{NS}
Fall 2000 best of class – Impact Orange, Sakata									
<i>Pink class</i>									
Dazzler Pink	5.8 ab	6.3 ab	5.8 c	5.9 b	5.5 a	6.8 a	5.3 bc	5.8 ab	5.9 ab
Deco Pink	6.5 a	7.0 a	7.0 a	6.9 a	5.0 ab	6.3 ab	5.8 b	5.7 abc	6.3 a
Infinity Pink	6.0 ab	6.3 ab	6.8 ab	6.3 ab	5.8 a	6.0 bc	6.5 a	6.1 a	6.2 a
Showstopper Pink	5.3 b	6.0 ab	6.0 bc	5.8 bc	4.3 b	5.5 cd	5.3 bc	5.0 d	5.4 bc

^W 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.

^X 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.

^Y Overall rating: Sum of average flower and foliage ratings divided by 2, where cultivars ≥ 5 were considered outstanding, 4 to 4.9 as good performers, and ≤ 3.9 as fair to poor.

^Z Mean separation within classes by LSD, $P < 0.05$.

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	13 Nov.	28 Nov.	16 Dec.	Avg	13 Nov.	28 Nov.	16 Dec.	Avg	Avg
<i>Pink class continued</i>									
Super Elfin Pink	4.3 c	5.3 b	5.5 c	5.0 c	4.8 ab	5.3 d	6.5 a	5.5 bc	5.3 c
Tempo Pink	6.5 a	6.5 a	6.3 abc	6.4 ab	5.5 a	5.8 bcd	4.8 c	5.3 cd	5.9 ab
Fall 2000 best of class – Deco Pink, PanAmerican									
<i>Purple class</i>									
Impact Purple	3.8	5.5	5.5	4.9	3.8	5.3	5.0	4.7	4.8
Fall 2000 best of class – Impact Purple, Sakata									
<i>Red class</i>									
Carnival Red	4.5 cd	4.8 cd	5.5 abc	4.9 bc	4.3 bcd	5.5 ab	5.3 b	5.0 bc	5.0 bc
Dazzler Red Improved	3.5 e	3.8 d	4.5 c	3.9 d	4.0 cde	5.0 abc	5.3 b	4.8 cd	4.4 d
Deco Red	4.0 de	4.0 d	4.8 bc	4.3 cd	3.5 de	4.5 c	6.3 a	4.8 cd	4.5 cd
Impact Red	4.5 cd	5.8 ab	5.8 ab	5.4 b	4.3 bcd	5.0 abc	5.0 b	4.8 bcd	5.1 b
Impact Red Improved	6.5 a	6.3 a	6.3 a	6.3 a	5.5 a	5.5 ab	5.0 b	5.3 a	5.9 a
Infinity Red	5.8 ab	6.0 a	4.8 bc	5.5 b	5.5 a	5.3 abc	4.3 b	5.0 abc	5.3 b
Showstopper Red	5.5 b	6.0 a	5.5 abc	5.7 ab	5.0 ab	5.8 a	5.0 b	5.2 ab	5.5 ab
Super Elfin Red	5.0 bc	5.3 abc	5.5 abc	5.3 b	4.8 abc	5.0 abc	5.5 b	5.1 abc	5.2 b
Tempo Red	3.8 de	4.5 cd	4.8 bc	4.4 cd	3.3 e	4.8 bc	5.3 b	4.4 d	4.4 d

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	13 Nov.	28 Nov.	16 Dec.	Avg	13 Nov.	28 Nov.	16 Dec.	Avg	Avg
<i>Red class continued</i>									
Fall 2000 best of class – Impact Red Improved, Sakata									
<i>Rose class</i>									
Impact Rose	5.5	6.0	5.8	5.8	5.5	6.0	5.0	5.5 a	5.6
Infinity Rose	5.0 ^{NS}	6.3 ^{NS}	5.8 ^{NS}	5.7 ^{NS}	4.8 ^{NS}	5.0 ^{NS}	5.0 ^{NS}	4.9 b	5.3 ^{NS}
Fall 2000 best of class – Impact Rose, Sakata									
<i>Salmon class</i>									
Carnival Salmon	5.5	6.0 b	6.0	5.9	5.3	5.0	6.3	5.5	5.7
Dazzler Salmon	6.0	6.3 b	6.0	6.1	5.8	6.0	6.0	5.9	6.0
Infinity Salmon	6.0 ^{NS}	7.0 a	6.5 ^{NS}	6.5 ^{NS}	5.0 ^{NS}	5.8 ^{NS}	5.8 ^{NS}	5.6 ^{NS}	6.1 ^{NS}
Fall 2000 best of class – Infinity Salmon, Sakata									
<i>White class</i>									
Carnival White Improved	6.0	6.0 ab	5.5 bc	5.8 ab	4.0 c	4.8 ab	4.3	4.4 d	5.1 bc
Dazzler White	5.3	5.3 bc	5.3 bc	5.3 bc	4.3 bc	5.3 a	5.5 ab	5.0 bc	5.2 bc
Impact White	5.0	5.3 bc	5.3 bc	5.2 bc	5.3 a	5.5 a	5.0 bc	5.3 ab	5.2 bc

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	13 Nov.	28 Nov.	16 Dec.	Avg	13 Nov.	28 Nov.	16 Dec.	Avg	Avg
<i>White class continued</i>									
Infinity White	5.3	4.8 c	4.8 c	4.9 c	4.8 ab	4.3 b	4.0 e	4.3 d	4.6 c
Showstopper White	6.0	6.5 a	6.0 b	6.2 a	5.0 a	4.8 ab	4.0 e	4.6 cd	5.4 ab
Super Elfin White	5.8	6.3 a	6.8 a	6.2 a	5.3 a	5.8 a	5.8 a	5.6 a	5.9 a
Tempo White	5.8 ^{NS}	5.8 ab	5.5 bc	5.7 ab	4.3 bc	4.8 ab	4.8 cd	4.6 cd	5.1 bc

Fall 2000 best of class – Super Elfin White, PanAmerican*Assorted color shades/tints and mixes*

<i>Mix class</i>									
Carnival Mixture	4.8 b	5.5 b	5.0	5.1 b	4.8	5.0 b	5.0 b	4.8	5.0 b
Tutti Frutti Mix	6.0 a	6.3 ab	6.0	6.1 a	5.8	6.0 a	6.0 a	5.4	5.8 a
Impact Formula Mix	6.0 a	6.5 a	6.0 ^{NS}	6.2 a	5.8 ^{NS}	5.5 ab	5.5 ab	5.5 ^{NS}	5.9 a
Infinity Formula Mix*	4.0	5.0	6.0	5.0	6.0	5.0	5.0	5.3	5.2

Fall 2000 best of class – Impact Formula Mix, Sakata

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	13 Nov.	28 Nov.	16 Dec.	Avg	13 Nov.	28 Nov.	16 Dec.	Avg	Avg
<i>Orange shades/tints class</i>									
Infinity Salmon Orange*	4.0	4.0	6.0	4.7	4.0	5.0	5.0	4.7	4.7
Fall 2000 best of class – Infinity Salmon Orange, Sakata									
<i>Pink shades/tints class</i>									
Carnival Deep Pink	4.8 b	5.5 ab	5.8	5.3	4.8 b	5.0 b	5.0 b	4.9 b	5.1 ab
Dazzler Deep Pink	4.5 b	5.0 b	5.8	5.1	6.0 a	6.3 a	5.8 a	6.0 a	5.5 a
Impact Light Pink	4.5 b	4.8 b	5.8	5.0	5.0 ab	4.8 bc	5.0 b	5.0 b	5.0 b
Infinity Light Pink	4.5 b	4.8 b	5.3	4.8	3.3 c	3.8 c	4.8 b	3.9 c	4.4 c
Super Elfin Light Pink	6.3 a	6.0 a	4.8 ^{NS}	5.7 ^{NS}	6.0 a	5.0 b	2.5 c	4.5 b	5.1 ab
Fall 2000 best of class – Dazzler Deep Pink, PanAmerican									
<i>Purple shades/tints class</i>									
Carnival Lilac	4.3 b	6.0 ab	5.3	5.2	4.0 b	4.8 b	5.0	4.6 b	4.9 b
Carnival Metallic Lilac	4.0 b	5.0 b	4.8	4.6	4.3 b	5.0 b	5.3	4.9 b	4.7 b
Dazzler Violet Improved	6.5 a	7.0 a	5.5 ^{NS}	6.4 ^{NS}	6.3 a	5.8 a	5.3 ^{NS}	5.8 a	6.0 a

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	13 Nov.	28 Nov.	16 Dec.	Avg	13 Nov.	28 Nov.	16 Dec.	Avg	Avg
<i>Purple shades/tints class continued</i>									
Impact Lavender*	5.0	6.0	5.0	5.3	6.0	6.0	5.0	5.7	5.5
Fall 2000 best of class – Dazzler Violet Improved, PanAmerican									
<i>Red shades/tints class</i>									
Carnival Cranberry	5.5	6.5	5.8	5.9	5.3	5.0 b	4.3 b	4.9 b	5.4 ab
Impact Scarlet	5.3	6.8	6.5	6.2	5.3	6.3 a	6.5 a	6.0 a	6.1 a
Infinity Orange Scarlet	4.3 ^{NS}	5.5 ^{NS}	5.0 ^{NS}	4.9 ^{NS}	4.3 ^{NS}	5.5 ab	4.8 b	4.8 b	4.9 b
Fall 2000 best of class – Impact Scarlet, Sakata									
<i>Rose shades/tints class</i>									
Carnival Deep Rose	5.8 a	6.3 ab	5.3 ab	5.8 a	5.3 ab	5.0 b	3.8 b	4.7 b	5.2 b
Impact Carmen Rose	3.3 b	4.5 c	4.5 c	4.1 b	3.5 c	4.5 b	5.8 a	4.6 b	4.3 c
Impact Rose Pink	5.8 a	6.8 a	6.5 a	6.3 a	5.8 a	6.0 a	5.5 a	5.8 a	6.1 a
Infinity Rose Pink w/Eye	5.0 a	6.0 b	5.8 ab	5.6	4.8 b	4.8 b	5.0 a	4.8 b	5.2 b
Fall 2000 best of class – Impact Rose Pink, Sakata									

Table 2. Continued.

Cultivar	Foliage ratings				Flower rating				Overall ratings
	13 Nov.	28 Nov.	16 Dec.	Avg	13 Nov.	28 Nov.	16 Dec.	Avg	Avg
<i>Salmon shades/tints class</i>									
Carnival Coral	5.0 b	4.5 b	4.5 b	4.7 b	4.5 b	4.3 b	4.5 b	4.4 b	4.5 b
Carnival Metallic- Deep Salmon	5.0 b	3.7 a	3.8 b	4.3 b	3.8 b	4.3 b	3.7 c	3.9 c	4.1 c
Impact Coral	7.0 a	6.5 b	6.0 a	6.6 a	6.0 a	5.5 a	5.8 a	5.8 a	6.2 a
Super Elfin Blush Improved	6.5 a	6.8 a	6.5 a	6.6 a	6.0 a	6.0 a	5.8 a	5.9 a	6.3 a
Impact Deep Salmon*	5.0	6.0	6.0	5.7	6.0	5.0	5.0	5.3	5.5
Fall 2000 best of class – Super Elfin Blush Improved, PanAmerican									
<i>White shades/tints class (creams)</i>									
Showstopper Buttercream	4.0	5.8	5.0	4.9	3.8	5.5	5.0	4.8	4.9
Fall 2000 best of class – Showstopper Buttercream, PanAmerican									