

Table 1. Height, width and flower diameter of *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	Seed Source	Plant measurements (cm) ^W			Flowering (days from sowing) ^X	
		Height	Width	Flower diam	First flower	Divergence
<i>Double^Y flower – orange/white shades/tints class</i>						
Circus Orange White	Ball Seed	23 ^Z	34	3.7	6.2	6.7
<i>Double flower – orange shades/tints class</i>						
Fanciful Deep Coral	Ball Seed	22	39	3.8	66 a	7.3 b
Fanciful Salmon	Ball Seed	23 ^{NS}	38 ^{NS}	4.0 ^{NS}	55 b	13.0 a
<i>Double flower – red class</i>						
Fanciful Red	Ball Seed	21	35	4.1	59	9.7
<i>Double flower – rose shades/tints class</i>						
Fanciful Orchid Rose	Ball Seed	19	32	3.9	64	6.3

^W 1.0 inch = 2.54 cm. Data taken on 30 Apr. (42-49 d from sowing) in sprayed field.

^X Flower data: first flower is the average number of days from seed sowing to the unfurling of the first flower. Divergence is the average number of days that lapse between the unfurling of the first flower and the last flower in plot or flat. Data was collected from four 5-plant plots. No growth regulation was required for this crop.

^Y The doubles class for these trials combines both double and semi-double flower forms. The Circus and Fanciful series are semi-doubles, referred to as fancy-flowered in the seed catalog.

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

Table 1. Continued.

Cultivar	Seed Source	Plant measurements (cm)			Flowering (days from sowing)	
		Height	Width	Flower diam	First flower	Divergence
<i>Single flower – mixes class</i>						
Dazzler Star Mix	Ball Seed	17	38	4.5	54	11.3 a
Showstopper Cotton Candy	Ball Seed	17	41	4.6	54	13.0 a
Showstopper Tropical Flair Mix	Ball Seed	21	43	4.7	54	10.0 ab
Tempo Butterfly Mix	Bodger Seeds	17	38	4.8	53	4.7 c
Tempo Crystal Mix	Bodger Seeds	17 ^{NS}	35 ^{NS}	4.8 ^{NS}	55 ^{NS}	6.0 bc
<i>Single flower – orange shades/tints class</i>						
Tempo Peach Butterfly	Bodger Seeds	91	32	3.9	58	3.0
<i>Single flower – orange/white shades/tints class</i>						
Stardust Salmon	PanAmerican Seed	16	36	4.3	55	14.0
<i>Single flower – pink class</i>						
Dazzler Pink Improved	Ball Seed	17	40	4.7	52	13.0
<i>Single flower – pink shades/tints class</i>						
Super Elfin Deep Pink	PanAmerican Seed	17 a	36	5.1 a	56	10.0
Tempo Cherry Butterfly	Bodger Seeds	14 b	32	4.7 b	56	5.3

Table 1. Continued.

Cultivar	Seed Source	Plant measurements (cm)			Flowering (days from sowing)	
		Height	Width	Flower diam	First flower	Divergence
Tempo Strawberry Butterfly	Bodger Seeds	15 ab	33 ^{NS}	4.5 b	54 ^{NS}	6.3 ^{NS}
<i>Single flower – purple, blue-violet shades/tints class</i>						
Carnival Lavender Blue	Daehnfeldt	18	39	4.8	54	27.0 a
Dazzler Blue Pearl	Ball Seed	18	41	4.6	54	9.0 b
Super Elfin Blue Pearl	PanAmerican Seed	16 ^{NS}	38 ^{NS}	4.6 ^{NS}	54 ^{NS}	6.0 b
<i>Single flower – purple, red – violet shades/tints class</i>						
Raspberry Swirl	PanAmerican Seed	16	37	4.6	50	8.0 a
Tempo Lavender Butterfly	Bodger Seeds	17 ^{NS}	38 ^{NS}	5.0 ^{NS}	55 ^{NS}	3.0 b
<i>Single flower – purple, red - violet/white shades/tints class</i>						
Stardust Violet	PanAmerican Seed	13	32	4.0	51	6.3
<i>Single flower – rose/white shades/tints class</i>						
Stardust Rose Improved	PanAmerican Seed	14	35	4.2	50	6.0
<i>Single flower – red shades/tints class</i>						
Super Elfin Ruby	PanAmerican Seed	15 b	33	4.4	51	15.3

Table 1. Continued.

Cultivar	Seed Source	Plant measurements (cm)			Flowering (days from sowing)	
		Height	Width	Flower diam	First flower	Divergence
Tempo Cinnamon	Bodger Seeds	15 b	33	5.1	54	5.3
Tempo Lipstick	Bodger Seeds	19 a	35 ^{NS}	4.8 ^{NS}	55 ^{NS}	5.7 ^{NS}