

Table 1. Height, width and flower diameter 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	Seed Source	Plant measurement (cm) ^x			Flowering (days from sowing) ^y	
		Height	Width	Flower diam	First flower	Divergence
<i>Selected color hues</i>						
<i>Orange class</i>						
Carnival Orange	Daehnfeldt	24 ^z	52	5.7	48	8.3
Impact Orange	Sakata	23 ^{NS}	47 ^{NS}	5.5 ^{NS}	49 ^{NS}	8.8 ^{NS}
<i>Pink class</i>						
Dazzler Pink	PanAmerican	20 bc	49 abc	5.4 ab	49 b	10.5
Deco Pink	PanAmerican	22 ab	53 ab	5.6 ab	50 ab	6.5
Infinity Pink	Sakata	26 a	49 abc	5.6 ab	46 c	5.5
Showstopper Pink	Ball	19 c	47 bc	5.2 bc	51 a	15.5
Super Elfin Pink	PanAmerican	15 d	43 c	5.0 c	47 c	5.5
Tempo Pink	Bodger	23 ab	54 a	5.7 a	46 c	7.3 ^{NS}
<i>Purple class</i>						
Impact Purple	Sakata	17	36	4.8	57	18.5
<i>Red class</i>						
Carnival Red	Daehnfeldt	20 b	45 abcd	5.2 bc	58 a	13.3
Dazzler Red Improved	PanAmerican	14 d	39 d	5.3 abc	53 ab	12
Deco Red	PanAmerican	16 d	42 bcd	5.2 bc	49 bcd	4.3

Impact Red	Sakata	19bc	44 abcd	5.2 bc	53 abc	12.3
Impact Red Improved	Sakata	24 a	49 a	5.4 ab	49 bcd	7.0
Infinity Red	Sakata	20 b	46 abc	5.6 abc	47 cd	7.0
Showstopper Red	Ball	20 b	48 ab	5.5 ab	48 bcd	10.0
Super Elfin Red	PanAmerican	19 bc	43 abcd	5.3 abc	44 d	11.8
Tempo Red	Bodger	17 cd	42 cd	5.3 abc	48 bcd	10.3 ^{NS}

Rose class

Impact Rose	Sakata	19	43	5.0 b	48 b	12.3
Infinity Rose	Sakata	20 ^{NS}	42 ^{NS}	6.3 a	52 a	13.3 ^{NS}

Salmon class

Carnival Salmon	Daehnfeldt	23 b	47	5.3 b	46	9.3
Dazzler Salmon	PanAmerican	21 b	45	5.3 b	47	8.3
Infinity Salmon	Sakata	28 a	50 ^{NS}	5.9 a	48 ^{NS}	12.3

White class

Carnival White Improved	Daehnfeldt	20 a	49 bcd	5.6 ab	51 a	15.3 a
Dazzler White	PanAmerican	18 ab	48 cd	5.4 ab	50 a	13.8 ab
Impact White	Sakata	18 ab	48 cd	5.5 ab	47 bc	8.0 cd
Infinity White	Sakata	18 ab	45 d	5.8 a	49 ab	5.8 cd
Showstopper White	Ball	18 ab	57 a	5.3 b	47 bc	9.3 bc
Super Elfin White	PanAmerican	19 ab	51 bc	5.7 ab	45 cd	7.0 cd
Tempo White	Bodger	17 b	54 ab	4.9 c	43 d	3.8 d

Assorted color shades/tints and mixes

Mix class

Carnival Mixture	Daehnfeldt	24	47	5.6	54 a	10.8 ab
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Tutti Frutti Mix	Ball	24	47	5.3	49 b	4.0 b
Impact Formula Mix	Sakata	22 ^{NS}	46 ^{NS}	5.3 ^{NS}	45 b	15.3 a
Infinity Formula Mix*	Sakata	19	40	6.5	51	9.0

Orange shades/tints class

Infinity Salmon Orange*	Sakata	15	38	5.9	52	16.0
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Pink shades/tints class

Carnival Deep Pink	Daehnfeldt	19 a	40 a	5.1 b	52 a	7.0
Dazzler Deep Pink	PanAmerican	16 b	36 b	5.0 b	50 a	8.0
Impact Light Pink	Sakata	14 b	37 b	5.2 b	55 a	6.8
Infinity Light Pink	Sakata	14 b	36 b	5.6 a	51 a	13.5
Super Elfin Light Pink	PanAmerican	16 b	40 a	5.0 b	43 b	6.3 ^{NS}

Purple shades/tints class

Carnival Lilac	Daehnfeldt	18 b	43	5.4	49	10.8
Carnival Metallic Lilac	Daehnfeldt	27 a	52	5.0	50	12.8
Dazzler Violet Improved	PanAmerican	24 a	47 ^{NS}	5.4 ^{NS}	46 ^{NS}	9.5 ^{NS}
Impact Lavender*	Sakata	17	38	4.8	50	12.0

Red shades/tints class

Carnival Cranberry	Daehnfeldt	23	46	5.8 a	47	4.3
Impact	Sakata	21	43	5.0 b	50	10.5

Scarlet Infinity Orange Scarlet	Sakata	17 ^{NS}	42 ^{NS}	5.5 a	51 ^{NS}	7.8 ^{NS}
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Rose shades/tint class

Carnival Deep Rose	Daehnfeldt	25 a	51 a	5.3 b	51	14.5
Impact Carmen Rose	Sakata	13 c	36 b	4.7 c	55	18.8
Impact Rose Pink	Sakata	23 abc	48 a	4.8 bc	55	7.3
Infinity Rose Pink w/Eye	Sakata	19 b	43 ab	6.2 a	51 ^{NS}	12.8 ^{NS}

Salmon shades/tint class

Carnival Coral	Daehnfeldt	14d	43	5.0	57	18.3
Carnival Metallic Deep Salmon	Daehnfeldt	23a	44	5.1	51	14.3
Impact Coral	Sakata	20b	32	4.8	46	8.5
Super Elfin Blush Imp.	PanAmerican	17c	46 ^{NS}	5.1 ^{NS}	51 ^{NS}	7.0
Impact Deep Salmon*	Sakata	15	40	5.3	55	7.0

White shades/tints (creams) class

Showstopper Buttercream	PanAmerican	17	42	5.7	47	4.3
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1.0 inch = 2.54 cm. 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 4 5-plant plots. No growth regulation was required for this crop. Mean separation within classes by LSD, $P < 0.05$.