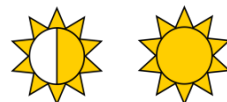


VANESSA™

Verbena x hortensis



VANESSA™ Bicolor Light Pink



- Strong show of color at retail and in the garden
- Tested for mildew tolerance and cycling of color
- Mature height and width is 10 inches x 18 inches (25cm x 46cm)

More varieties in the VANESSA™ series:



**VANESSA™
Magenta**



**VANESSA™
Bicolor Purple**



**VANESSA™
Bicolor Indigo**



**VANESSA™
Bicolor Pink**



**VANESSA™
White Imp.**



**VANESSA™
Optik Grape**



**VANESSA™
Dark Pink**



**VANESSA™
Purple**



**VANESSA™
Red**

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VANESSA™

Verbena x hortensis



PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories



Flowering time

Spring / Summer
Flowering



Width

(14 - 20")
36 - 51 cm



Height

(10 - 14")
25- 36 cm

Average Time	Temperature	Hormone	Fertilization	Fungicide
4 weeks	Weeks 1 - 2 70°-72° F (21° - 22°C)	Not required	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 4 65° - 70° (18° - 21° C)		Weeks 3-4 100 to 150 ppm N	Day of sticking & Week 2



Irrigation specification – Reduce mist as soon as possible



Spray adjuvant at sticking . Daminozide at 2000 ppm the day after sticking
No pinch is necessary for producing an excellent liner

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 / 6.2	0.80	72 / 74 F (22 / 23 C)	50 ppm N in mist	Neutral	Daminozide day after sticking	Day of sticking	Feeding through Mist
Week 2	5.8 to 6.2	.80 to .90	72 / 74 F (22 / 23 C)	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.2	.90 to 1.0	Cool to 68 / 70 F (20 / 21 C)	Feed 100 ppm to 150 ppm				
Week 4	5.8 to 6.2	1.0 to 1.2	65 to 68 F (18 to 20 C)	feed 100 to 150 ppm		Daminozide as required		

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VANESSA™

Verbena x hortensis



FINISHING TIPS

- Verbena respond well to Negative DIF to control height
- Verbena Vanessa™ will flower easily for early season requirements

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
5 to 6 wks	Average Day	No pinch is necessary Day Neutral	150 - 200 ppm N	Daminozide @ 2500 ppm for finishing
(12 cm) 5" pot	60° to 68°F (16° to 20°C)		Soil EC 1.0 - 1.5 pH 5.8 to 6.2	Paclobutrazol @ 1 to 2 ppm drench to finish
6 to 7 wks				
(15 cm) 6 ½"				
7 to 8 wks				
(20 cm) 8"	3 plants per container			
7 to 8 wks				
(25 cm) 10"	3 plants per container			

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIOCARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRADIONE, POLYOXIN
	Pythium	PROPAMOCARB
	Phytophthora	PROPAMOCARB



- PGR - Spray Daminozide for height control / Paclobutrazol drench for finishing
- Scout for Aphids, Leafminors, Thrips and Whiteflies

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 4 Transplant	5.8 to 6.2	1.0 to 1.2	60 to 68 F (15 to 20 C)	feed 100 to 150 ppm		Daminozide @ 2500 ppm as needed	Drench fungicide after transplant	
Week 5 to 12	5.8 to 6.2	1.2 to 1.5	60 to 68 F (15 to 20 C)	feed 100 to 150 ppm		Paclobutrazol @ 1 to 2 ppm drench		Paclobutrazol drench when plants reach 85% of desired size

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