

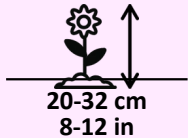
VANESSA™

Verbena x hortensis

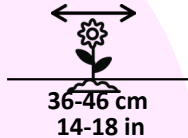
- Trialed and selected for mildew tolerance and consistent color cycling
- The series demonstrated exceptional heat tolerance in 2022 trials at Haberschill, France, enduring temperatures above 30°C
- Features a semi-trailing habit and retains vibrant color even in the heat of summer



Semi Trailing



20-32 cm
8-12 in



36-46 cm
14-18 in



Hanging
Basket



12-15
Qt, Gal, Pack



Landscape



Spring /
Summer
Flowering



Vanessa™ Bic. Light Pink

The VANESSA™ series



VANESSA™
Bic. Light Pink



VANESSA™
Bicolor Indigo



VANESSA™
Bicolor Pink



VANESSA™
Bicolor Purple



VANESSA™
Dark Pink



VANESSA™
Magenta



VANESSA™
Optik Grape



VANESSA™
Purple

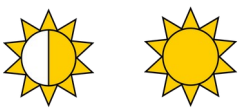


VANESSA™
Red



VANESSA™
White Imp.

Verbena x hortensis



Stick on priority – Number 3 out of 4 categories

Average Time	Temperature	Hormone	Fertilization	Fungicide
4 weeks	Weeks 1 - 2 72°-74° F (22° - 23°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

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 to 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° - 68°F (18°-20°C)	Feed 100 ppm to 150 ppm		Daminozide as required		

-  – **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



Verbena x hortensis

- Verbena respond well to Negative DIF to control height (day temps are cooler than night temps)
- 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 (12 cm) 5" pot	Average Day 60° to 68° F (16°-20° C)	Pinch – optional under high radiation conditions (above 3-4 pair of leaves) Day Neutral	150- 200 ppm N	Daminozide @ 2500 ppm for finishing
6 to 7 wks (15 cm) 6 ½"	1 plant per pot		Soil EC 1.0 - 1.5 pH 5.8 to 6.2	Paclobutrazol @ 1 to 2 ppm drench to finish
7 to 8 wks (20 cm) 8"	3 plants per container			
7 to 8 wks (25cm) 10"	3 plants per container			

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

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 (16° 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 (6 to 20° C)	feed 100 to 150 ppm		Paclobutrazol @ 1 to 2 ppm drench		Paclobutrazol drench when plants reach 85% of desired size



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