

FESTIVAL®

Gypsophila paniculata



FESTIVAL®
White

- Cold Hardiness 4 - 8
- No vernalization or cooling required (First Year Flowering)
- Great summer performer
- Mature height and width is 35 cm x 45 cm (24 x 12 inches)

More varieties in the FESTIVAL® series:



FESTIVAL®
Pink Lady



FESTIVAL®
White Flare

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FESTIVAL®

Gypsophila paniculata



PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time
**Summer
Flowering**





Width
**25 - 30 cm
(10 - 12")**



Height
**51 - 61 cm
(20 - 24")**

Average Time	Temperature	Hormone	Fertilization	Fungicide
5 weeks	Weeks 1 - 2 21° - 22°C (70°-72° F)	Suggested	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 5 18° - 20° C (65° - 68° F)		Weeks 3-5 100 to 125 ppm N	Day of sticking & Week 2

 **Irrigation specification** – Spray with adjuvant the day of sticking/Remove from mist as soon as possible

 Gypsophila prefer humidity from tenting vs misting foliage and soil. Rooting hormone and dry soil conditions are more conducive to uniform rooting.

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.8 / 6.5	0.80	70 / 72 F (21 / 22 C)	50 ppm N in mist	Long day flowering		Day of sticking	
Week 2	5.8 to 6.5	.80 to .90	70 / 72 F (21 / 22 C)	50 ppm N in mist			Second fungicide app	
Week 3	5.8 to 6.5	.90 to 1.0	Cool to 68 F (20 C)	Feed 100 ppm to 150 ppm		Daminozide as needed		
Week 4	5.8 to 6.5	.90 to 1.0	65 to 68 F (18 to 20 C)	Feed 100 to 150 ppm		Daminozide as needed		
Week 5	5.8 to 6.5	1.0 to 1.2	60 to 65 F (16 to 18 C)	Feed 100 to 150 ppm		Daminozide as needed		

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FINISHING TIPS

- Festival Gypsophila will require daylength greater than 12 hours to flower
- Allow soil to dry between irrigations
- Best when grown under high light with cool temperatures

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
8 to 10 wks	Average Day (16° to 18°C)	Pinch – Suggested day of transplant with possible second pinch	150 - 200 ppm N	Daminozide spray application @ 2000 – 3750 ppm Paclobutrazol 1 to 2 ppm drench
15 cm (1 gallon)				
9 to 10 wks	Soil EC 1.2 - 1.5 pH 5.8 to 6.5			
20 cm (2 gallon)				

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



- PGR - Spray Daminozide at 2000 to 3750 ppm on finished plants early in crop schedule / Paclobutrazol drench application at 1 to 2 ppm for finishing if required
- Pinch leaving 4 to 6 nodes on stem
- Scout for Aphids, Mites and Thrips
- Drench after transplant for Botrytis and Pythium / Phytophthora

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 6 Transplant	5.8 to 6.5	1.0 to 1.2	60° to 65° F (16° to 18°C)	feed 100 to 150 ppm		Daminozide as needed	Drench fungicide after transplant	Control of Pythium & Phytophthora
Week 6 to 13	5.8 to 6.5	1.2 to 1.5	60° to 65° F (16° to 18°C)	feed 150 to 200 ppm		Paclobutrazol Drench at 1 to 2 ppm		Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size

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