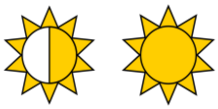
DOUBLET™

Begonia semperflorens

DOUBLET™
White



- Early flower response
- Well matched series of 4 colors
- Good branching
- Mature height and width is 14 inches x 10 inches (36cm x 25cm)

More varieties in the DOUBLET™ series:

Doublet™
Red

Doublet™
Rose

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Pink

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PROPAGATION TIPS

- Stick on priority – Number 3 out of 4 categories

Flowering time
Spring / Summer Flowering

Width
(8 - 10")
20 - 24 cm

Height
(12 - 14")
30 - 36 cm

Average Time	Temperature	Hormone	Fertilization	Fungicide
4 weeks	Weeks 1 - 2 68°-70° F (20° - 21°C)	Optional	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 4 68° (20° C)		Weeks 3-5 100 ppm N	Day of sticking & Week 2

Irrigation specification - Remove from mist as soon as possible

Drying of cuttings during rooting will extend days to full rooted liner. In propagation, maintain uniform moisture levels

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.5 / 6.2	0.80	72 / 74 F (22 / 23 C)	50 ppm N in mist			Day of sticking	
Week 2	5.5 to 6.2	.80 to .90	72 / 74 F (22 / 23 C)	50 ppm N in mist			Second fungicide app	
Week 3	5.7 to 6.2	.90 to 1.0	Cool to 68 / 70 F (20 / 21 C)	Feed 100 ppm N				
Week 4	5.7 to 6.2	0.9 to 1.0	68 F (20 C)	feed 100 ppm N				

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FINISHING TIPS

- Do not pinch Begonia Doublets
- Extremely high light conditions and excessive drying will damage leaves during propagation opening the plant system for Botrytis.

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
5 to 7 wks	Average Day	No pinch should be required	100 - 150 ppm N	chlormequat at 750 to 1,500 PPM
(12 cm) 5" pot	68° to 72°F (20° to 22°C)			
6 to 8 wks			Soil EC 1.0 - 1.2 pH 5.7 to 6.2	
(15 cm) 6 ½"				

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

- Plant growth is based on moisture levels, temperatures and feed rates. Lower temperatures, lower soil moisture levels and lower feed rates will slow growth and finish a more compact plant.
- Drench fungicide to prevent Rhizoctonia and other water mold diseased - Maintain good airflow and allow plants to dry before nightfall
- Scout for Whitefly, Thrips and Mealybug

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 5 Transplant	5.7 to 6.2	1.0 to 1.2	65 to 68 F (18 to 20 C)	feed 100 to 150 ppm	Day Neutral	chlormequat at 750 to 1,500 PPM	Spray fungicide after transplant	
Week 5 to 12	5.7 to 6.2	1.0 to 1.2	65 to 68 F (18 to 20 C)	feed 100 to 150 ppm	Not Required	Paclobutrazol Drench at 1 to 2 ppm		Paclobutrazol 1 to 2 ppm drench when plants reach 85% of desired size

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