

DELILAH™

Dianthus plumarius



- First-year flowering with no vernalization or bulking required
- A series of hardy dianthus with semi-double vibrant flowers
- Blooms spring to early fall
- Compact and easy to grow
- No pinching or PGRs required



Spring



25 cm



35 cm



12-15 cm



Landscape



4-9



DELILAH™ series



DELILAH™ PURPLE



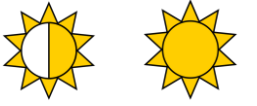
DELILAH™ MAGENTA



DELILAH™ BICOLOR PURPLE



DELILAH™ BICOLOR MAGENTA



Stick on priority – Number 3 out of 4 categories

Average Time	Temperature	Hormone	Fertilization	Fungicide
4 weeks	Weeks 1 - 2 21° - 22°C (70°-72° F)	Optional	Weeks 1-2 50 ppm N	Spray fungicide to control Botrytis and bacteria day of sticking
	Weeks 3 - 4 20° - 21° C (68° - 70° F)		Weeks 3-4 100 to 125 ppm N	Day of sticking & Week 2

Rooting	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 1	5.5 / 6.3	0.80	22 / 23 C	50 ppm N in mist	Day neutral		Day of sticking	
Week 2	5.5 to 6.3	.80 to .90	22 / 23 C	50 ppm N in mist			Second fungicide app	
Week 3	5.5 to 6.3	.80 to 1.0	Cool to 18 C	Feed 100 to 125 ppm				
Week 4	5.5 to 6.3	.80 to 1.0	16 to 18 C	feed 100 to 125 ppm		Daminozide as needed		Pinch Optional
Week 1	5.5 / 6.3	0.80	22 / 23 C	50 ppm N in mist	Day neutral		Day of sticking	



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



- KIBA rooting hormone spray applications will hasten and improve uniformity of rooting. Daminozide at 1500 to 2000 ppm week 3 if required in warm greenhouse conditions.
- Pinching is optional at transplant to increase branching.



Dianthus plumarius

- Plants are best finished with high light intensity
- Cool temperature finishing will create the best quality.

Average Time (from liners)	Temperature	Pinch/ Daylength Modification	Fertilization	Plant Growth Regulator
8 to 10 wks	Average Day	Pinch –Should not be required unless liners are elongated	100 - 150 ppm N	Daminozide spray application @ 2000 – 2500 ppm
15 cm (1 gallon)	(59° to 64°F)			
9 to 11 wks	(15° to 18°C)		Soil EC 1.0 - 1.2 pH 5.5 to 6.3	
20 cm (2 gallon)	Larger containers 3 ppp			

Finishing	pH	EC	Temp	Feed	Light	PGR	Fungicide	Comments
Week 5 Transplant	5.5 to 6.3	1.0 to 1.2	18° C	feed 100 to 150 ppm			Drench fungicide after transplant	Control of Pythium & Rhizoctonia
Week 6 to 14	5.5 to 6.3	1.0 to 1.2	59° to 64°F (15° to 18°C)	feed 100 to 150 ppm		Daminozide as needed		

Pests	Aphids	ACETAMIPRID, FLONICAMID, IMIDACLOPRID, DICHLORVOS
	Thrips	METHIACARB, ACRINATHRIN, ABAMECTIN, DICHLORVOS, SPINOSAD
Diseases	Botrytis	CYPRODINIL+FLUDIOXONIL, IPRDIONE, POLYOXIN
	Pythium Phytophthora	PROPAMOCARB / MEFENOXAM
	Rhizoctonia	AZOXYSTRONBIN / ETRIDIAZOLE / FLUDIOXONIL / PCNB



- PGR - Spray Daminozide at 2000 to 2500 ppm on finished plants early in crop schedule if required
- Cool temperatures will finish highest quality plants
- Scout for Aphids, Mites and Thrips
- Drench after transplant for Rhizoctonia and Pythium / Phytophthora