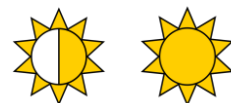


# DELILAH™

Dianthus plumarius



**DELILAH™**  
**Bicolor Purple**



- Cold Hardiness 4 - 9
- No vernalization or cooling required (First Year Flowering)
- Abundant semi-double flowers early in spring
- Mature height and width is 25 cm x 35 cm (10 x 14 inches)

More varieties in the DELILAH™ series:



**DELILAH™**  
**Bicolor Magenta**



**DELILAH™**  
**Magenta**



**DELILAH™**  
**Purple**

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# DELILAH™

Dianthus plumarius



## PROPAGATION TIPS

- Stick on priority – Number 2 out of 4 categories



Flowering time

Early Spring / Spring  
Flowering



Width

35 cm  
(14")



Height

25 cm  
(10")

| Average Time | Temperature                              | Hormone  | Fertilization              | Fungicide  |
|--------------|--|----------|----------------------------|--|
| 4 weeks      | Weeks 1 - 2<br>21° - 22°C (70°-72° F)    | Optoinal | Weeks 1-2 50 ppm N         | Spray fungicide to control Botrytis and bacteria day of sticking |
|              | Weeks 3 - 4<br>20° - 21° C (68° - 70° 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



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.

| Rooting | pH         | EC         | Temp                    | Feed                | Light       | PGR                  | Fungicide            | Comments       |
|---------|------------|------------|-------------------------|---------------------|-------------|----------------------|----------------------|----------------|
| Week 1  | 5.5 / 6.3  | 0.80       | 72 / 74 F (22 / 23 C)   | 50 ppm N in mist    | Day neutral |                      | Day of sticking      |                |
| Week 2  | 5.5 to 6.3 | .80 to .90 | 72 / 74 F (22 / 23 C)   | 50 ppm N in mist    |             |                      | Second fungicide app |                |
| Week 3  | 5.5 to 6.3 | .80 to 1.0 | Cool to 65 F (18 C)     | Feed 100 to 150 ppm |             |                      |                      |                |
| Week 4  | 5.5 to 6.3 | .80 to 1.0 | 60 to 65 F (16 to 18 C) | feed 100 to 150 ppm |             | Daminozide as needed |                      | Pinch Optional |

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 **DANZIGER**  
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# DELILAH™

*Dianthus plumarius*



## FINISHING TIPS

- High quality plants with many more flowers are finished with high light
- Cool temperature finishing will create the best quality.

| Average Time (from liners) | Temperature   | Pinch/ Daylength Modification                             | Fertilization                      | Plant Growth Regulator                         |
|----------------------------|---------------|---|------------------------------------|--|
| 7 to 9 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)           | (16° to 18°C) |   |                                    |  |
| 9 to 11 wks                |               |   | Soil EC 1.0 - 1.2<br>pH 5.5 to 6.3 |  |
| 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 2500 ppm on finished plants early in crop schedule
- Cool temperatures will finish highest quality plants
- Scout for Aphids, Mites and Thrips
- Drench after transplant for Rhizoctonia and Pythium / Phytophthora

| Finishing         | pH         | EC         | Temp                       | Feed                | Light | PGR                  | Fungicide                         | Comments                         |
|-------------------|------------|------------|----------------------------|---------------------|-------|----------------------|-----------------------------------|----------------------------------|
| Week 5 Transplant | 5.5 to 6.3 | 1.0 to 1.2 | 65° F (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 | 60° to 65° F (16° to 18°C) | feed 100 to 150 ppm |       | Daminozide as needed |                                   |                                  |

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*Dianthus plumarius*



## Trials in North America



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