



# Fresco™ and Harlequin™ Series

## (Dahlia x hybrida)

**Fresco Mix** – Dahlia Fresco features large, double flowers in brilliant shades of red, violet, yellow, white, rose, pink and primrose. Very uniform in height, habit and bloom time, Fresco is the most consistent formula mix on the market.

**Harlequin Mix** – This unique, semi-double, bi-colored mix includes gorgeous hues of rose, violet, yellow, orange, scarlet and white. Earliness, uniform flowering and a good basally branched habit make Harlequin a great choice for packs or pots.

### **SEED COUNT**

3,000-4,000 seeds per ounce. Available in standard and film-coated seed forms.

### **GERMINATION**

#### **Plug Stage 1 – Germination**

Media: Keep slightly moist to almost dry  
pH: 5.8-6.2  
EC: 0.5  
Temperature: 68-72°F (20-22°C)  
Moisture: Maintain high humidity, 90-95%  
Light: Light is not necessary; cover seed with coarse vermiculite

Note: The radicle will emerge in two days. If using a germ chamber, move trays to greenhouse as soon as germination occurs.

#### **Plug Stage 2 – Early Development**

Media: Allow to dry between waterings  
EC: .05-0.75  
Temperature: 68-72°F (20-22°C)  
Moisture: Medium humidity, 85-90%  
Fertilizer: 50-75 ppm nitrate form of N

#### **Plug Stage 3 – Seedling Growth**

Media: Allow to dry between waterings  
EC: .05-0.75  
Temperature: 65-68°F (18-20°C)  
Moisture: Medium humidity, 85-90%  
Fertilizer: Increase to 75-100 ppm nitrate form of N one to two times per week



**Plug Stage 4 – Plug Ready to Transplant**

Media: Allow to dry between watering  
 EC: .05-0.75  
 Temperature: 65-68°F (18-20°C)  
 Fertilizer: Increase to 75-100 ppm nitrate form of N one to two times per week  
 Growth regulators: 750-1500 ppm B-Nine may be applied as needed  
 Note: For a sturdier plant, transplant plugs deep into soil

**Total time in plugs = 4-5 weeks**

**GROWING ON**

Media: Use a well-drained media  
 pH: 5.8-6.2  
 EC: 0.8-1.0  
 Temperature: 55-60°F (13-15°C)  
 Moisture: Moderate—allow to dry between watering but do not let plants wilt  
 Light: Short days promote tuber formation. To avoid, provide 12 –14 hours of light  
 Fertilizer: 100-150 ppm nitrate form of N  
 Growth regulators: 750-1500 ppm B-Nine may be applied as needed

**COMMON DISEASES/INSECTS**

Common Diseases: Botrytis, Mildew, Tomato Spotted Wilt Virus. Plants should be properly spaced in order to avoid aerial diseases.  
 Common Insects: Aphids, Leafminers, Red Spider Mites, Thrips, Whitefly

**CROP TIME**

To Finish from Plugs:

CONTAINER SIZE	NORTH WEEKS	SOUTH WEEKS
Flats	6-8 weeks	6-7 weeks
4" Pots	7-9 weeks	7-9 weeks
6" Pots	9-10 weeks	8-9 weeks

Time from Sowing:

CONTAINER SIZE	WEEKS
Green Packs	10-11
Packs in Color	12-13
4" Pots	13-14