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dahlia

# Goldahlia™ & Star Sister



## Rooting Unrooted Cuttings

Open the boxes upon arrival. Cuttings should be stuck as soon as possible. Cuttings may be temporarily stored overnight at 8°C in open boxes.

## Finishing Rooted Cuttings

Excellent in 100-125mm pots

Goldalias and Star Sister can also be used in baskets, color bowls, and combination containers. They have a compact-medium growth habit and are relatively easy to grow. Plant deep - Dahlias should be planted deeper than most vegetative crops. Planting too shallow, especially when using overhead irrigation, can make the plants very floppy and unstable when they mature. Make sure that the root ball is well covered and that the cutting is situated very stable in the pot (cuttings can be planted up to the first set of leaves).

Media should be allowed to dry between irrigations. Avoid overwatering and keeping the media constantly saturated or fungal root rot can occur.

150-200 ppm N

Goldalias and Star Sister are not heavy feeders and are susceptible to high soluble salts in the media. Leach with clear water as needed to avoid fertilizer salt buildup.

Light:

Maintain light levels between 4,000-5,000 f.c. Michigan State research has shown that dahlias grow and flower best under daylengths between 12-14 hours. Daylengths less than 12 hours can cause plants to form tuberized roots and have poor shoot growth. For crops in the greenhouse before April 1, night-break interruption or using daylength extension lighting up to 14 hours will produce the best looking plants with adequate shoot growth and abundant flower count. After April 1, lighting can be terminated and plants can be grown under natural days.

Media pH:

5.4 - 6.0

Media EC:

1.5-2.0 mS/cm. (in an SME, Saturated Media Extract)

Temperature:

18-24° C Day and 15-18° C Night

Pinching:

Yes. Although Goldalias and Star Sister were bred for excellent branching, we generally prefer to give them a soft pinch either in propagation or shortly after transplant, especially on crops grown in larger pots. Quick-finishing 4-inch or quart crops could go unpinched if so desired.

Growth Regulators:

Alar spray at 1500-2500 ppm if needed. Rose is slightly more vigorous than other colors.

Insects:

Aphids and spider mites. Scout plants regularly and control using appropriate chemical and biological products. Dahlias are known to be susceptible to spray burn, so check the label carefully before spraying any insecticide.

Diseases:

Botrytis, powdery mildew, and basal stem rot. Try to avoid overhead watering, especially late in the day, to minimize crown rot and foliar disease.

Container Size	Growing Time	Plants / Pot
100mm	5-6 weeks	1
Quart	6-7 weeks	1
125mm	7-8 weeks	1
150mm	8-9 weeks	1
250mm Basket	9-11 weeks	4
300mm Basket	9-11 weeks	5

## Garden Performance

Garden Height:

25-30cm

Garden Width:

25-30cm

USDA Hardiness Zone:

3-7

AHS Heat Zones:

Not Hardy

Reference:

Syngenta Flowers Culture Tips