Technical Guide

COREOPSIS verticillata

'Golden Dream'

USPP#20693, PBR Applied For

License for propagation is required.

TRANSPLANT LINERS

Pot Size: Transplant liners into quart (1 litre), 6- or 8-inch (15 or 20 cm) or standard 1-gallon (4 litre) pot with one cell per pot.

Media: Porous soil with good drainage.

Vernalization Trials: Vernalization trials are executed by placing cell flats in a cold greenhouse set at 38°F (3°C). Fluctuations in temperature occur based on natural day and nighttime temperatures in Lancaster, PA, USA.

Vernalization Trial Results: Plants flowered in 15 weeks after transplant of 72-cell liners vernalized for 10 weeks. Plants did not break dormancy well and struggled to begin growing. Plants flowered in 12 weeks from 72-cell liners transplanted after 5 weeks of vernalization. These cells handled this smaller amount of vernalization time well. Unvernalized liners produced plants that flowered in 14 weeks after transplant.

GROWING ON

Media pH: Optimum not tested. Standard for 1-gallon (4 litre) pot is 5.5 to 6.5.

Media EC: Optimum not tested. Standard for 1-gallon (4 litre) pot is 1.5 to 3.

Moisture: Requires well-drained soil; do not keep too wet.

Fertilizer: While actively growing, plants perform well with a constant liquid feed of 150 ppm nitrogen.

Supplemental Lighting: Long days required for flowering.

Common Pests: None seen.

Common Diseases: None seen.

Pinching: Pinch once or twice in cell flat if growing from unrooted cuttings. Otherwise, no pinch is necessary. Can shear 2 weeks after transplant for larger containers.

VARIETY FEATURES

- Dwarf sport of *Coreopsis* 'Creme Brulee'
- Frilled, golden-yellow, 1-inch (2.5 cm) flowers
- Long-blooming flowers float over and among bright green, narrow foliage
- Forms attractive upright clumps with uniform bouquet shape
- Makes excellent compact flowering pots

Coreopsis 'Golden Dream'

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continued>>>

Crop Maintenance: None.
Growth Regulators: Not necessary.
Comments: In our trials, 'Golden Dream' did not get powdery mildew in our pot trials while 'Creme Brulee' did.

SCHEDULING RECOMMENDATIONS

(Based upon outdoor trials in Lancaster, PA, USA) Plant unvernalized liners that have had at least 1 pinch. Plant outdoors for finished flowering plants in 14 weeks.

SPECIAL FEATURES

Dwarf sport of *Coreopsis* 'Creme Brulee'. Cheerful flowers that are long blooming and golden yellow with a large yellow-orange center. Shear plants for reflowering. Make excellent compact flower pots. A good 6 inches (15 cm) smaller than *Coreopsis* 'Creme Brulee' and with better pot performance. Blooms of Bressingham® introduction from June Croon, The Plantage.

CONTAINER STATISTICS

Light: Full sun
Flowering Container Height: 13 inches (33 cm)

GARDEN STATISTICS

Light: Full sun
First Year Garden Height: 12 inches (30 cm)
First Year Garden Width: 20 inches (51 cm)
USDA Hardiness Zone: Hardiness is undetermined. Has not been reliably hardy in our PA trial garden, Zone 6.

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