

License for propagation is required

### TRANSPLANT LINERS

**POT SIZES:** Transplant liners into 6- to 8-inch (15 to 20 cm) 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) for 10, 5 and 0 weeks. Fluctuations in temperature occur based on natural day and nighttime temperatures in Lancaster, PA, USA

**VERNALIZATION TRIAL RESULTS:** Vernalization is not required for flowering.

### 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:** Keep moderately moist.

**FERTILIZER:** While actively growing, plants perform well with a constant liquid feed of 150 to 200 ppm nitrogen.

**SUPPLEMENTAL LIGHTING:** Not necessary.

**TEMPERATURE:** If finishing in the greenhouse, heat set at 68°F (20°C) night temperature with venting at 72°F (22°C) is sufficient.

**COMMON PESTS ON ROSES:** Aphids, Japanese beetles and spider mites. Recommend preventative sprays for Japanese beetles if prevalent in your area. While resistant, Knock Out® roses are still susceptible to feeding.

***Before using any pesticides, be sure they are registered for use. Follow label directions.***

***The label is the law.***

### VARIETY FEATURES

- Lightly fragrant 2- to 3-inch (5 to 8 cm) blooms are self cleaning.
- Shrugs off drought, disease and cold winters
- Highly resistant to black spot and powdery mildew even when humid
- From Conard Pyle, discovered at Green Leaf Plants™, PA



**COMMON DISEASES ON ROSES:** Powdery Mildew; Knock Out® roses are less susceptible to Powdery Mildew.

**PINCHING:** Once about 2 weeks after transplant.

**GROWTH REGULATORS:** Not necessary unless Holding in 6-inch (15 cm) pot. Not trialed.

## SCHEDULING RECOMMENDATIONS

Plant unvernalized 50-cell liners. Pinch 2 weeks after transplant for maximum branching. Plant in May outdoors once temperatures are above 50°F (10°C) night temperatures. Will flower in about 9 weeks after transplant, depending on your local outdoor conditions.

## CONTAINER STATISTICS

**LIGHT:** Full sun

**FLOWERING HEIGHT:** 20 inches (51 cm)

## GARDEN STATISTICS

**LIGHT:** Full sun

**HEIGHT:** 36 inches (91 cm)

**SPREAD:** 42 inches (107 cm)

**USDA HARDINESS ZONE:** 5 to 9



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