

# First Editions®

## Above and Beyond™ Rose Culture Sheet



First Editions® Above and Beyond™ Rose  
*Rosa* 'ZLEEltonStrack' PP24,463

Deciduous/Evergreen: Deciduous

### Northern/Midwest Region Container Production

pH: 5-7                      EC: 1-2 in MN and 2-2.5 in IL

Hardiness: Zone 3-7

Fertilization Requirements	At the MN Location,incorp at planting 17-3-10 at 10 lbs per yard. Top dress in second season with 22-3-8 at 15 grams per unit (1 unit=1 gallon). At the IL location, 6 month slow release incorp at time of planting.
Overwintering Practices and Temperatures	In MN, plants are consolidated, tipped, and covered with poly and sudan. Temperatures remain above 18-20°F. At the IL location, plants are consolidated in poly houses and covered with fabric blanket. Temperatures remain above 20°F under fabric.
Light Levels	Full Sun
Water Requirements	Medium to high water requirements. Need approximately 1” of water every day during the summer months.
Planting Season	Spring and summer.
Propagation Method and Notes	A 4” softwood cutting is taken in late May/ early June. Bottom third of leaves are stripped and tops are shaved. 750 ppm IBA is applied overhead. Plants are off mist in 25-30 days.
Pest/Disease Management	Downy mildew, powdery mildew, spider mites, and aphids have been observed.
PGR Application	No experience with PGRs
Flowers on new or old wood	Blooms on new wood.
Special Notes	

### Estimated Finishing Times

Liner	#2 container
LO (38) plug	Finish in 14 weeks.
Bareroot	Finish in 10-12 weeks using #1 or #1 1/2 liner.
Jumpstarts™	Finish in 10-12 weeks.

## **Pacific Northwest Region Container Production**

pH: 6 EC: 1-2

Hardiness: Zone 3-7

Fertilization Requirements	8 month slow release incorp (18-6-11) at time of planting
Overwintering Practices and Temperatures	Plants are overwintered outside, pot-to-pot. Overwintering temperatures are greater than 15°F.
Light Levels	Full Sun
Water Requirements	Plants require medium water requirements.
Planting Season	Planting occurs in late winter to early spring.
Propagation Method and Notes	Softwoods cuttings are taken in late May to mid August. Cuttings generally are 3-4" long and the bottom leaf or two is removed. Cuttings are dipped in a 1000 ppm solution. The cuttings should be semi-hardwood. Remove the soft terminal tip. Plants are off mist in 25-30 days.
Pest/Disease Management	Downy mildew, powdery mildew, spider mites, and aphids have been observed.
PGR Application	No experience with PGRs
Flowers on new or old wood	Blooms on new wood.
Special Notes	

### **Estimated Finishing Times**

Liner	#2 container
LO (38) plug or rooted cutting	Finish in 20 weeks.
Bareroot	Finish in 6 weeks using #1 liner. Finish in 10 weeks using #1-1/2 liner. Finish in 14 weeks using #2 liner.

## **Minnesota Bud & Bloom (Greenhouse) Production**

pH: 6-6.5 EC: 1-1.5

Fertilization Requirements	Incorporate at planting (17-3-10) at 10 lbs per yard. Top dress second season at (17-5-10) at 12 gram per #2 container.
Overwintering Practices and Temperatures	Cut back #2 containers are kept at 27°F.
Light Levels	Full sun
Water Requirements	Medium requirements. Keep foliage dry.
Planting Season	Plant Jumpstart™ liner in May into a #2 container.
Propagation Method and Notes	Softwood cuttings are taken during the summer. The cuttings are 4" long. Overhead IBA at 750 ppm is applied. The cuttings are off mist in 25-30 days.
Pest/Disease Management	Fungicide is applied every 7-14 days. Aphids, mites, downy mildew have been observed.
PGR Application	Bonsai 0-3 applications depenign on how aggressive variety is. Drench or foliar depends on variety as well as location and growing facility.
Flowers on new or old wood	Blooms on new wood.
Special Notes	May need to adjust temperatures depending as plants grow to hit shipping window.

### **Estimated Finishing Times**

Liner Size	#2 container
Cut back #2 container.	Finish in 45 days at 60 °F.

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Note: The information presented should be considered as a starting point for best practices. Production times and product applications will vary depending on the growing region and conditions. It is the responsibility of the applicator to follow all current manufacturer label directions in a responsible manner.