

First Editions®

Superstar™ Spirea Culture Sheet



First Editions® Superstar™ Spirea
Spiraea x bumalda 'Denistar' PP22,432

Deciduous/Evergreen: Deciduous

Northern/Midwest Region Container Production

pH: 7 EC: 1-2 in MN and 2-2.7 in IL

Hardiness: Zone 3-8

Fertilization Requirements	In MN, incorp at planting 17-3-10 at 10 lbs per yard. Top dress in second year with 22-3-8 at 15 grams per unit. (1 unit=1 gallon) For IL, 6 month incorp at time of planting (19-2-8).
Overwintering Practices and Temperatures	In MN, plants are consolidated, tipped, and covered with poly and sudan. This keeps the plants in a temperature range of 18-20°F. In IL, plants are consolidated into poly houses and temperatures remain above 10°F.
Light Levels	Full Sun
Water Requirements	Medium to high water requirements. Water 1" daily; adjust as needed based on size of plant and temperatures.
Planting Season	Bareroot and plugs planted in spring. Plugs and quarts are planted in the summer. Field dug plants are planted in the fall. March 15th- September 15th.
Propagation Method and Notes	Softwood cuttings are taken in late spring/early summer. The cuttings are 3" long. Overhead IBA at 750 ppm is applied at time of stick. Cuttings are off mist in 20-30 days after sticking.
Pest/Disease Management	No pests have been observed.
PGR Application	No experience with PGRs.
Flowers on new or old wood	Blooms on new wood.
Special Notes	It is pH sensitive. Add sulfur to the mix if using higher pH water.

Estimated Finishing Times

	#1 container	#2 container	#3 container
Plug (38 plug tray)	Finish in 12-13 weeks.		
Bareroot	Finish in 9-10 weeks using 1 yr liner.	Finish in 10-11 weeks using 1 yr liner.	Finish in 10-11 weeks using 2 yr liner.
Jumpstarts™	Finish in 10-11 weeks.	Finish in 17-18 weeks.	Finish in 17-18 weeks.

Pacific Northwest Region Container Production

pH: 6-6.5

EC: 1-1.5

Fertilization Requirements	8 month (18-6-11) incorp at time of planting.
Overwintering Practices and Temperatures	Overwintering temperatures are greater than 15°F. Plants are overwintered outside and kept spaced within growing lines.
Light Levels	Full Sun
Water Requirements	Medium to high water requirements. Water 1" daily, adjust as needed based on size of plant and temperatures.
Planting Season	Planting occurs in late winter to early spring.
Propagation Method and Notes	Softwood cuttings are taken in late spring/early summer. The cuttings are 3" long. Overhead IBA at 750 ppm is applied at time of stick. Cuttings are off mist in 20-30 days after sticking.
Pest/Disease Management	No pests 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 Size	#1 container	#2 container
Rooted Cutting	Finish in 12 weeks.	
Bareroot		Finish in 10 weeks using 6" liner.

Edited 3/24/17

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.