

Sedum Spectacular

(*Hylotelephium (Sedum) spectabile*)

Perennials Culture (revised 11/08/23)

Seed sedum breakthrough

NEW Spectacular is the seed alternative to vegetative *S. spectabile*! Compared to the leading vegetative varieties, Spectacular has a more compact habit and sturdy flower clusters. Stronger stems and less breakage make this sedum “spectacular” for smaller pots, patio containers and landscapes.

Plug crop time: 7 to 8 weeks, 128 to 180 tray; 8 to 9 weeks, 72 to 84 tray

Transplant to finish: 10 to 21 weeks subject to season and forcing

- The seed alternative to vegetative *Sedum spectabile*!
- Offers good plug quality, seeding uniformity and a convenient, multi-pellet seed product form.
- Supply is more programmable and flexible when starting from seed compared to vegetative cuttings.
- Medium-sized flower clusters and shorter stems do not easily break or fall open.
- It offers less shrink in a more saleable output.
- Bright chartreuse-green leaves light up patios and landscapes.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Late Summer, Autumn	12-14 in. (30-36 cm)	14-16 in. (36-41 cm)	18-22 in. (46-56 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days from 50% to maximum germination	Initial Media pH/EC (1:2)	Cover Seed
MPL	128 72*	1 1	7-8 8-9	3-7	5.8-6.2 pH 0.8-1.0 mmhos/cm	No

* Recommend plug size for forcing.

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4-5	Level 4	Level 3	Level 3
Temperature	64-77°F (18-25°C)	63-73°F (17-23°C)	63-71°F (17-22°C)	61-68°F (16-20°C)
Light	Light	5-8 mol·m ⁻² ·d ⁻¹	9-11 mol·m ⁻² ·d ⁻¹	10-15 mol·m ⁻² ·d ⁻¹
Fertiliser	Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	150 to 175 ppm N (1.0 to 1.2 EC)	175 to 225 ppm N (1.2 to 1.5 EC)

PGR daminozide/2,000-2,500 ppm/Spray

Vernalisation

No

Propagation Key Tips

Maintain active airflow and avoid growing wet. Avoid flower initiation by growing plugs <13 hrs. daylength and NOT using night interruption. PGRs are optional; only B-Nine (daminozide) spray at 2,500 ppm 1 time approximately 5 weeks after sowing. Plug forcing is possible. Use 84 or 72 trays and grow in short days <13 hrs. for approximately 8 weeks until 8 leaves, and then 4 weeks at 16 hrs. daylength or night interruption.

Plug sizes matter, subject to pot size. For smaller pot sizes up to 5 in./13 cm, use 1 plug per pot with a 128 or 180 plug size. For larger pot sizes of 6 in./15 cm or 1 gal., use 1 plug per pot with a larger plug size of 72 or 84 for optimal fill. For larger pot sizes, we advise 2 to 3 plugs per pot with a minimum plug size of 180. Chemical sensitivity: do not spray with Agrimycin!

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-77°F (18-25°C) (night) 54-57°F (12-14°C)	5.8-6.2 pH 1.0-1.5 mmhos/cm	150 to 175 ppm N (1.0 to 1.2 EC)	Long Day-Short Day

Daylength Notation

Critical daylength is about 14 hrs. The fastest flower initiation is daylength of a minimum of 16 hrs. (or night interruption). This is approximately 3 weeks shorter than 14 hrs. provides. After flower bud initiation, a shorter daylength of 13 hrs. or less will significantly reduce time to flower. The fastest flower timing occurs under a long day and short day combination, i.e., 4 weeks of 16 hrs. or longer daylength (long day) for flower initiation followed by 4 to 5 weeks of 13 hrs. or shorter day (short day) for flower development (pink colouration).

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	9 (weeks)	Spring, ADT 63°F (17°C)	-
Annual	5"/6"/1 Gallon/15 cm	1 (ppp)	10-12 (weeks)	Spring, ADT 63°F (17°C)	-
Annual	5"/6"/1 Gallon/15 cm	1 (ppp)	12-16 (weeks)	Summer, ADT 65°F (18°C)	paclobutrazol 5 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1 (ppp)	12-16 (weeks)	Summer, ADT 65°F (18°C)	daminozide 2,000-2,500 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1 (ppp)	16-21 (weeks)	Autumn, ADT 65°F (18°C)	paclobutrazol 5 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1 (ppp)	16-21 (weeks)	Autumn, ADT 65°F (18°C)	daminozide 2,000-2,500 ppm Spray
Annual	8"/2 Gallon/20 cm	2-3 (ppp)	12-16 (weeks)	Summer, ADT 65°F (18°C)	daminozide 2,000-2,500 ppm Spray
Annual	8"/2 Gallon/20 cm	2-3 (ppp)	16-21 (weeks)	Autumn, ADT 65°F (18°C)	paclobutrazol 5 ppm Spray
Annual	8"/2 Gallon/20 cm	2-3 (ppp)	12-16 (weeks)	Summer, ADT 65°F (18°C)	paclobutrazol 5 ppm Spray

Fertiliser Notation

Maintain a minimum media EC of 1,0 and pH of maximum 6,8 to avoid chlorotic foliage. Can be finished in moderate (ADT 59°F) and higher temperatures (ADT 69-74°F). Fertilize at a medium rate of constant liquid feed of 17-5-17, with an alternative of 20-10-20 at 100-150 ppm nitrogen during active growth, or use Slow Release with an NPK ratio of 16-8-12 + 2,2 MgO at approximately 6.5 lbs./3 kg per ft³/m³ of media.

Chemical Sensitivity

Do not use Agrimycin (streptomycin sulfate) spray.

Common Problems

Insects : Aphids, thrips, fleas, beetles. Diseases : Powdery and downy mildew, erwinia, crown rot.

Finishing Key Tips

Maintain active airflow. Grow medium to dry. Avoid wilting (which can cause crown rot). Grow in high light, preferably full sun. Foliage is somewhat more clear green than Autumn Joy. Avoid too high a nitrogen ratio, as plants will grow too loosely. Additional info for finishing: Plug sizes matter, subject to pot size. For smaller pot sizes up to 5 in./13 cm, use 1 plug per pot with a 128 or 180 plug size. For larger pot sizes of 6 in./15 cm or 1 gal., use 1 plug per pot with a larger plug size of 72 or 84 for optimal fill. For larger pot sizes, we advise 2 to 3 plugs per pot with a minimum plug size of 180.

NOTE: Growers should use the information presented here as guidelines only. PanAmerican Seed recommends that growers conduct a trial of products under their own conditions. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. It is the responsibility of the grower to confirm the treatment is available in their region as well as read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by PanAmerican Seed of any products listed herein. PanAmerican Seed's terms and conditions of sale shall apply to all products listed herein.

Variety Pictures



Spectacular



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