GrowerFacts

PanAmerican Seed®

Rudbeckia Goldblitz

(Rudbeckia fulgida var. sullivantii)

Perennials Culture (revised 10/14/25)

A natural daylength growing solution

Here's a first-year-flowering solution for growers that cannot finish Goldsturm under their natural growing conditions. Goldblitz provides a more economical input option for natural daylength growers, as the plugs do not require special treatment to perform to the same quality as Goldsturm.

Plug crop time: 6 to 7 weeks
Transplant to finish: 15 to 20 weeks

- Will flower fully as an annual crop if sown in early Spring in natural conditions, assuming that Summer provides a minimum of 14.5 hours daylength; Goldsturm requires 15 hours critical daylength.
- Shortens the production time for a finished flowering crop to 2 to 3 weeks compared to Goldsturm.
- Provides a more economical input option for natural daylength growers, as the plugs do not require special treatment.
- It has a slightly smaller leaf and flower size than Goldsturm.
- *Fleuroselect Gold Medal award winner* for both container and garden performance.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Summer, Late Summer, Autumn	24-28 in. (61-71 cm)	14-18 in. (36-46 cm)	14-18 in. (36-46 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
PRM	288 72	1 2-3	6-8 12-14	2-4	5.8-6.5 pH 0.75 mmhos/cm	Light cover

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 5-4	Level 4	Level 3-4	Level 3
Temperature	72-77°F (22-25°C)	68-74°F (20-23°C)	65-70°F (18-21°C)	60-65°F (16-18°C)
Light	Optional	2,000-2,500 f.c. (21,500-26,900 Lux)	2,000-2,500 f.c. (21,500-26,900 Lux)	2,500-3,500 f.c. (26,900-37,700 Lux)
Fertiliser	Less than 100 ppm N (Less than 0.7 EC)	100 to 175 ppm N (0.7 to 1.2 EC)	175 to 225 ppm N (1.2 to 1.5 EC)	175 to 225 ppm N (1.2 to 1.5 EC)

Vernalisation

No

Propagation Key Tips

Goldblitz does NOT require SD plug treatment, NOR vernalisation for your Summer Sales program. For forcing info: See Perennials Forcing Guide.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 65-68°F (18-20°C) **(night)** 60-65°F (16-18°C)	5.8-6.5 pH 1.2-1.5 mmhos/cm	175 to 225 ppm N (1.2 to 1.5 EC)	Obligate Long Day

Daylength Notation

Critical daylength of 14.5 hours.

Crop Scheduling

Crop Type	Container Size	Plugs/Pot	Crop Time	Season	PGR
Annual	4"/4.5"/Quart/10 cm	1 (ppp)	14-22 (weeks)	Summer, ADT 65°F (18°C)	daminozide 5,000 ppm Spray
Annual	5"/6"/1 Gallon/15 cm	1 (ppp)	14-23 (weeks)	Summer, ADT 65°F (18°C)	daminozide 5,000 ppm Spray

Fertiliser Notation

Ensure sufficient availability of Ca during active growth to avoid growth tips burning due to Ca deficiency. Also ensure it has an active climate, allowing good transport of nutrients in the plant.

Bulking Strategy

No short-day grown plugs needed for annual finishing, but it is possible to do so.

Finishing Key Tips

Will finish reliably as a first-year-flowering perennial if not sown later than Week 16. No need for short-day treatment of plugs (like Goldsturm does). For PGRs, use daminozide 3x 5,000 ppm spray as an option for more controlled growth. Daminozide/chlormequat chloride tank mix (3x daminozide 2,500 ppm/chlormequat chloride 750 ppm spray) could be an optional treatment. Using uniconazole or paclobutrazol spray is not recommended, as they made the foliage smaller and the plants looked spindly. This is a relatively high feeder, so prevent Mg, Ca and Fe deficiencies. High light and good ventilation are beneficial. Possible foliage issues can occur on new growth leaves (puckering, cup up, tip marginal burning) during flower induction period because of more difficult mineral transport during this developmental stage. There is no good fertilisation correction possible, only maintain as low an RH as possible with optimal ventilation to have optimal plant transport of elements. The foliage issue will mostly have disappeared at flowering sales stage. For Spring and Autumn forcing: See Perennial Forcing Guide.

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


Goldblitz


Goldblitz


Goldblitz


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