GrowerFacts

PanAmerican Seed®

Exacum Royal Dane Series

(Exacum affine)

Potted Plants Culture (revised 11/08/23)

- Low cost and fast production.
- Perfect crop for Summer production.
- Long-lasting flowers have a sweet fragrance.
- Extremely good shelf life.
- Sales period: March to October.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Early Spring, Spring, Late Spring, Summer, Late Summer, Autumn	4-6 in. (10-15 cm)	7-8 in. (18-20 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
PEL	288	1	5-6	4-5	5.2-5.6 pH 0.8-1.2 mmhos/cm	No

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 2-4	Level 2-4
Temperature	72-75°F (22-24°C)	68-70°F (20-21°C)	68-70°F (20-21°C)	68-70°F (20-21°C)
Light	Light	1,000-2,500 f.c. (10,800-26,900 Lux)	1,000-2,500 f.c. (10,800-26,900 Lux)	2,500-5,000 f.c. (26,900-53,800 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)

Propagation Key Tips

Water adequately to dissolve the pellet. To bench germ: Make sure trays are watered. Flat covering: first place one layer of reemay, then one layer of white plastic on top of that. Remove plastic after 7 to 8 days. Keep reemay wet. Remove reemay after another 1 to 2 days. PGRs are not necessary. Sticky traps for pests are recommended.

Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertiliser	Daylength
(day) 70-75°F (21-24°C) **(night)** 66-70°F (19-21°C)	5.4-5.8 pH 1.5-2.0 mmhos/cm	225 to 300 ppm N (1.5 to 2.0 EC)	Facultative Long Day

Daylength Notation

When light levels are low, use supplemental lighting.

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
4"/4.5"/Quart/10 cm	1 (ppp)	12 (weeks)	Spring	-
4"/4.5"/Quart/10 cm	1 (ppp)	10 (weeks)	Summer	-

Fertiliser Notation

Keep pH below 6.0, to avoid nutritional deficiency symptoms (Fe and Mn). Recommended fertilizer composition (in ppm) as follows: N-100, P-13, K-152, Ca-65, Mg-14.

Chemical Sensitivity

Avoid use of daminozide.

Common Problems

Watch for Rhizoctonia and Botrytis, usually caused by low night temperatures.

Finishing Key Tips

Irrigation from below is recommended. Space when plants begin to touch. Grow on the "dry side" for better compact habit. Humidity must not exceed 80%, to reduce risk of fungal disease. PGR is recommended during the finish. Sprays must begin 3 weeks after potting (small pots, one week after potting). The subsequent treatments are dependent upon growing conditions and the desired size of the plant. Paclobutrazol and flurprimidol have been found to be effective on Exacum.

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


Deep Blue


White

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