

Abutilon Bella Series

(*Abutilon x hybridum*)

Annuals Culture (revised 04/12/17)

Plug crop time: 3 to 5 weeks

Transplant to finish: Spring 6 to 8 weeks, Autumn 8 to 10 weeks

- Compact variety for outdoor containers; also good in indoor plant programs.
- True dwarf variety germinates easily and needs little or no growth regulators.
- Well-branched plants bloom continuously, even in high heat.
- Large, 3-in./8-cm, bell-shaped blooms “look up” for a good show of colour; under cooler conditions, colours intensify.

General Information

Exposure	Bloom Season	Height	Spread	Spacing
Partial Sun, Sun	Spring, Late Spring, Autumn	14-18 in. (36-46 cm)	14-18 in. (36-46 cm)	14-20 in. (36-51 cm)

Germination

Seed Form	Recommended Plug Size	Seeds/Cell	Plug Crop Weeks	Days to Germinate	Initial Media pH/EC	Cover Seed
RAW	288	1	4-5	3	5.5-6.3 pH 0.75 mmhos/cm	Yes

Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
Moisture	Level 4	Level 3-4	Level 3-4	Level 3
Temperature	72-75°F (22-24° C)	65-72°F (18-22°C)	65-70°F (18-21°C)	62-65°F (17-18°C)
Light	Optional	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)
Fertilizer		Less than 100 ppm N - Less than 0.7 EC	Less than 100 ppm N - Less than 0.7 EC	100 to 175 ppm N - 0.7 to 1.2 EC

Fertilizer Notation

At radicle emergence, apply 50 to 75 ppm N from 15-0-15. As cotyledons expand, increase to 100 to 150 ppm N.

Growing on to Finish

Growing on Temperature	Target Media pH/EC	Fertilizer	Daylength
(day) 65-70°F (18-21°C) (night) 60-65°F (16-18°C)	5.5-6.5 pH 1.2-1.5 mmhos/cm	100 to 175 ppm N - 0.7 to 1.2 EC	Day Neutral

Crop Scheduling

Container Size	Plugs/Pot	Crop Time	Season	PGR
4"/4.5"/Quart	1 (ppp)	6-8 (weeks)	Spring	paclobutrazol 5 ppm Spray
5"/6"/1 Gallon	2-3 (ppp)	7-10 (weeks)	Spring	paclobutrazol 5 ppm Spray

Fertilizer Notation

Abutilon has a moderate fertilizer requirement. Fertilize every other irrigation at 150 ppm nitrogen. Use a fertilizer with most or all of the nitrogen in the nitrate form. High ammonium-form nitrogen will promote excessively large leaves that will hide the flowers. Excessive fertilization will suppress flowering. Growing the plants without sufficient feed will cause the foliage to turn a pale green and the leaves to look droopy.

Chemical Sensitivity

Abutilon is sensitive to some pesticides containing hydrocarbon solvents, such as emulsifiable concentrates.

Common Problems

Insects: Aphids, Mites, Thrips, Whiteflies Diseases: Rhizoctonia Root and Stem Rot – dark brown or tan lesions often at the medium surface. Pythium Root Rot – soft, brown, mushy roots. Botrytis Blight – tan or brown leaf or flower spots followed by gray, fuzzy spores.

Finishing Key Tips

Space plants adequately to get the best branching and the showiest plants.

NOTE: Growers should use the information presented here as a starting point. Crop times will vary depending on the climate, location, time of year, and greenhouse environmental conditions. Chemical and PGR recommendations are only guidelines. It is the responsibility of the applicator to read and follow all the current label directions for the specific chemical being used in accordance with all regulations.

Variety Pictures



Select Mixture

PanAmericanSeed™

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