

Gomphrena globosa Gnome



SAKATA®

Gnome is an ideal garden plant in areas that have hot, humid Summers. It is also well-suited to dry conditions. This extra-dwarf, compact plant is a nice component in mixed containers and is ideal for borders and edging.

- * Very compact, suitable for packs and 8-10 cm pots
- * Mounded plants are about 20 cm in height
- * Germinates well at high temperatures
- * Quick production time (4 to 6 weeks) and ease of finishing make this a good shoulder-season item

	Annual		Bedding Plant
	Bedding		Half sun + full sun
	Upright		360/gram
	20 cm		Clean seed
	10 cm		Pack, pot 8-10.5 cm



Culture Guide

Plug Culture

- Stage 1** (days 1-10) Single sow seed of Gomphrena Gnome into plug trays using a well-drained sterilized media with a Ph of 5.8 to 6.2. Lightly cover the seed with vermiculite and keep moist at a temperature of 25°C. Keep the media moist but not saturated.
- Stage 2** (days 11-21) Optimum day temperature is 24-26°C with a night temperature of 18°C. When seedlings begin to emerge, reduce moisture and place in a bright and well ventilated greenhouse. Lightly fertilize seedlings with 75 ppm N from a well-balanced calcium nitrate-based fertilizer.
- Stage 3** (days 22-30) Maintain optimum temperatures and an EC of 1.0 to 1.5 (1:2 slurry) with a pH between 5.8 and 6.2. High pH can reduce boron availability which causes edge burn and chlorotic foliage. Supplying 0.25 ppm of Boron when fertilizing is recommended.
- Stage 4** (days 31-35) The plants are approaching transplant stage. Reduce moisture and fertilizer levels to tone the plants and prepare them for transplanting.

Pack & Pot Culture

- In general** Gomphrena Gnome can be sold green in jumbo packs or with colour showing in 7.5-10 cm pots. Production in 12 cm pot with 3 plants/pot is also an option.
- Media** Use a well-drained sterilized media with a pH of 5.8 to 6.2.
- Transplanting** Don't delay transplanting! Gomphrena is sensitive to root damage.
- Temperature** Gomphrena prefers warm conditions.
- Fertilizer** Fertilize with 150-200 ppm N from a calcium nitrate based formulation. Target EC is 1.0-1.5 mmhos (1:2 slurry).
- Lighting** Gomphrena Gnome is native to desert areas and tolerates high light. Optimum light levels range from 53,000-106,000 lux.
- Growth regulators** Not required.
- Pests & diseases** Leaf Spot, Rust, Damping Off, Rhizoctonia.
- Crop schedule** As bedding plants, allow nine to ten weeks from sowing for packs and twelve weeks for flowering in 10 cm pots.

All information given is intended for general guidance only and is believed to be accurate. Cultural details are based on Northern Hemisphere conditions and Sakata cannot be held responsible for any crop damage related to the information given herein. Application of recommended growth regulators and chemicals are subject to local legislations and manufacturer's label instructions.