

Pepper (Ornamental) Santos Series

(*Capsicum annuum*)

Potted Plants Culture (revised 02/15/23)

- Unique assortment is bred for shorter production times.
- Compact growth means no PGRs are needed.
- Good retail shelf life.
- Excellent indoor/outdoor performance.

General Information

| Exposure | Bloom Season | Height | Spread | Spacing |
|----------|--------------|------------------|------------------|---------|
| Sun | Summer | 6 in. (15 cm) | 6 in. (15 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 |
|-----------|-----------------------|------------|-----------------|--------------------------------------|-----------------------------|------------|
| RAW | 288 | 1 | 4-5 | 5-7 | 5.8-6.2 pH 0.75 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 | 72-76°F (22-24°C) | 68-73°F (20-23°C) | 68-70°F (20-21°C) | 68-70°F (20-21°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) |
| Fertiliser | | Less than 100 ppm N (Less than 0.7 EC) | 100 to 175 ppm N (0.7 to 1.2 EC) | 100 to 175 ppm N (0.7 to 1.2 EC) |

Propagation Key Tips

Performs best under high light and warm temperatures. If necessary, uniconazole at a rate of 2.5 ppm can be applied at 2 weeks after sowing for height control. Repeat 2 weeks later if needed.

Growing on to Finish

| Growing on Temperature | Target Media pH/EC (1:2) | Fertiliser | Daylength |
|--|--------------------------------|-------------------------------------|-------------|
| (day) 68-80°F (20-27°C) (night) 65-70°F (18-21°C) | 5.5-6.2 pH 1.2-1.5 mmhos/cm | 175 to 225 ppm N (1.2 to 1.5 EC) | Day Neutral |

Crop Scheduling

| Container Size | Plugs/Pot | Crop Time | Season | PGR |
|---------------------|-----------|---------------|--------|-------------------------------------|
| 4"/4.5"/Quart/10 cm | 1 (ppp) | 12-13 (weeks) | Autumn | chlomequat chloride 1,000 ppm Spray |

Finishing Key Tips

Performs best under high light and warm temperatures. Add 4 to 5 weeks for Spring production crop times. Grow plants dry to minimize stretch.

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



Orange



Red



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