

## Pepper (Edible Potted) Cosmo

(*Capsicum annuum*)

Vegetables Culture (revised 12/22/20)

### Buy. Eat. Repeat!

The NEW Kitchen Minis™ collection includes tabletop vegetable plants consumers can grow inside on a sunny windowsill or counter without a garden! They can also be grown outside on a patio table.

Easy-to-grow Kitchen Minis encourage consumers to harvest and enjoy their own homegrown vegetables, then when the plant is finished fruiting, buy a fresh plant to harvest from every few weeks!

- Plant benefits from being grown dry. Support fruit weight by inserting sticks close to the central stem at the time of flowering.
- Brilliant purple, snack-sized fruit turn red when fully mature. Use fresh or cooked to add a medium amount of spice to any dish.

## General Information

Exposure	Bloom Season	Height	Spread	Spacing
Sun	Summer	10-12 in. (25-30 cm)	8-10 in. (20-25 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	3-4	5-6	5.4-5.8 pH 0.8-1.2 mmhos/cm	No

## Plug Production

	Stage 1	Stage 2	Stage 3	Stage 4
<b>Moisture</b>	Level 4	Level 3-4	Level 2-4	Level 2-4
<b>Temperature</b>	70-73°F (21-23°C)	68-70°F (20-21°C)	68-70°F (20-21°C)	68-70°F (20-21°C)
<b>Light</b>	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)
<b>Fertilizer</b>	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)
<b>PGR</b>			uniconazole/2.5 ppm/Spray	uniconazole/2.5 ppm/Spray

## Propagation Key Tips

To ensure a uniform crop, growth regulator should be applied with a fine mist 10 to 12 days after sowing. An application of uniconazole 2.5 ppm will help control plant size. To bench germ: Make sure trays are watered before covering. Flat covering: first place one layer of reemay, then one layer of white plastic on top of that. Remove plastic after 8 to 10 days. Keep reemay wet. Remove reemay after another 2 to 3 days.

## Growing on to Finish

Growing on Temperature	Target Media pH/EC (1:2)	Fertilizer	Daylength
(day) 68-80°F (20-27°C) (night) 66-70°F (19-21°C)	5.5-5.9 pH 1.8-2.5 mmhos/cm	More than 300 ppm N (More than 2.0 EC)	Day Neutral

## Days to Green Fruit

95-110

## Days to Ripe Fruit

110-125

## Crop Scheduling

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Container Size	Plugs/Pot	Crop Time	Season	PGR
5'6"/1 Gallon/15 cm	1 (ppp)	18 (weeks)	Spring	-
8'2 Gallon/20 cm	1 (ppp)	18 (weeks)	Spring	-
5'6"/1 Gallon/15 cm	1 (ppp)	16 (weeks)	Summer	-
8'2 Gallon/20 cm	1 (ppp)	16 (weeks)	Summer	-

### Fertilizer Notation

Especially when plants are grown very dry, it's important to use higher EC approximately once a week when plants are watered from below. Ensure sufficient Ca by the end of the crop.

### Common Problems

The most common pest with capsicum is Thrips. We recommend putting up sticky cards (1 per 20-ft./6-m table).

### Finishing Key Tips

Plant plugs deeply. Water from below to keep surface of media dry. It is especially important to grow plants dry until flowering, allowing some wilt between watering. To optimize plant growth, space as soon as the plants touch. Keep the plants very dry from spacing to flowering to avoid stretch. Due to the weight of the fruit, we recommend staking plants to stabilize plants during shipment.

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

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PanAmericanSeed™

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