

# Canna F1 Cannova® Series

## *Canna generalis Order*

### Cultural Information

**Colors:** Red Shades, Rose, Yellow, Bronze Leaf Scarlet, and Lemon

#### **Top benefits:**

- Compared to open pollinated canna varieties, Cannova offer improved uniformity, germination, vigor, and branching.
- Additionally, the Cannova series is more tolerant of lower light conditions and cooler night temperatures.  
Market Use: Excellent for in ground garden plantings, patio containers, and shallow water garden applications. Extremely heat and humidity tolerant.

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### **PLUG CULTURE**

**Plug Size:** Liner 72 – 128 Recommended

#### **Germination:**

- Emerges 7 – 10 Days after Sow.
- Sow seed deep, about half way down cell. This allows better moisture and anchors plant upon germination. Maintain high humidity during germination.
- Maintain temperature of 68°F to 75°F (20°C to 24°C)
- Not recommended to soak seeds due to seed treatments.

#### **EC (Pour through method):**

- Emergence to cotyledon expansion should be <0.5 mS/CM
- Cotyledon expansion to true leaf growth should be <0.75 mS/cm
- Plug finish should be equal to 0.75 – 1.2 mS/cm

**Plug Total Finish Time:** 4-5 Weeks

### **FINISHING ON CULTURE**

**Finish Sizes:** Quarts to 5 GAL Containers

**Total Days to Flower:** 80 – 110 days depending on average temperature

**From Transplant Days to Flower:** 55 – 80 days depending on average temperature

**Temperature:** 70°F to 85°F (21°C to 29°C) days / 60°F to 80°F (16°C to 26°C) nights

**EC (Pour through method):** 1.5 – 2.6 mS/cm

**pH:** 6.2 – 7.0

**PGR:** Cannova does not require PGRs. However, if growing Quart containers, a Paclobutrazol drench of 1-4 ppm 2 weeks after transplant can be used to prevent stretch.

## Disease/Pest:

- Canna Cannova do not have many pests in general. A fungicide program can be beneficial to help deal with pythium, rhizoctonia, and botrytis. Scouting for thrips and red spider mites should be done.
- Like all Canna, Cannova can be affected by virus and should be monitored. In the event virus is found, affected plants and surrounding plants should be rouged and the area disinfected.
- All Canna are susceptible to virus - most commonly "Canna Yellow Mottle Virus"- as the virus is always present in nature. Often times, plant stress due to environmental factors, pest damage and handling can lead to instances of the virus being found within any given crop. Therefore - the seeds cannot be guaranteed to be free from virus- due to the previously mentioned factors.



### Canna Cannova® Bronze Orange

Cannova is the first seed F1 canna series that offers an easy to grow option in this heat tolerant class. Improved young plant performance provides more useable plugs that are uniform and earlier than other seed canna programs. Plus, the strong color selection captivates the landscape market. Cannova is a versatile series that works well in 4 in. (10 cm) pots to 2 gallons and is ideal for cart programs. Supplied as virus free seed and plugs.

Cannova offers a unique option for cannas and Bronze Leaf Orange is the second bronze foliage variety in the series! The bronze foliage offers striking contrast with the flowers and is a great option for mixed combinations or in ground plantings. Bred by Takii in Europe.

## General Information

**Height :** 30 – 48" (76 - 122 cm)      **Spread :** 14 – 20 (26 - 51 cm)      **Exposure :** Sun

## Germination Guide

**Plug Size :** 72      **Cover Seed :** Heavy cover      **Germination Temp:** 75-80°F/24-27°C      **Days to germinate :** 7-10      **Plug Crop weeks:** 4-6

## Finishing

**Soil pH:** 6.2-7.0      **Temperature Day:** 75-85°F (24-29°C)      **Temperature Night:** 60-80°F (16-27°C)      **Fertilization (ppm N):** 13-2-13-6-3 and/or 20-10-20      **No. of Pinches :** 0

**Plant Growth Regulators (S) = spray / (D) = drench:**  
2 ppm Bonzi (D) 7-10 days after transplant.

**Pests:** Aphids, Thrips, Cut Worms      **Diseases:** Bacteria, Pythium, Rhizoctonia

## Comments :

Avoid overhead watering during finishing process. Overhead watering increases the risk of bacterial infection. All Canna's are susceptible to virus – most commonly "Canna Yellow Mottle Virus." If this happens, affected plants and surrounding plants should be rouged and the area disinfected.

## Crop Times (weeks)

**4- to 5-inch (10- to 13-cm) Pots, Quarts:** 10      **6-inch (15-cm) Pots, Gallons:** 12      **10- to 12-inch (25- to 30-cm) Tubs, Baskets:** 17

**NOTE:** Growers should use the information presented here as guidelines only. Ball Ingenuity 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 read and follow all the current label directions relating to the products. Nothing herein shall be deemed a warranty or guaranty by Ball Ingenuity of any products listed herein. Ball Ingenuity's terms and conditions of sale shall apply to all products listed herein.

### Other Varieties Cannova

- ® Bronze Orange Cannova
- ® Mango Cannova
- ® Orange Shades Cannova
- ® Lemon Cannova
- ® Bronze Scarlet Cannova
- ® Red Shades Cannova
- ® Rose Cannova® Yellow

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