www.purelineseed.com
222 Wisconsin Dr.
Jefferson, WI 53549

# RAINBOW CANDY CRUSH F1

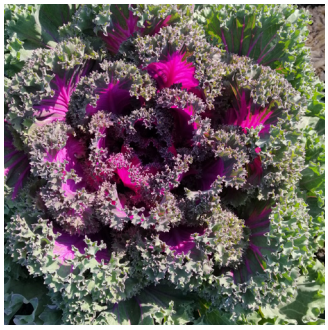
edible ornamental, kale

Rainbow Candy Crush F1 is a pink edible ornamental kale. It has an upright growth habit and forms a nice rounded bush when mature. Suitable for both pots, containers, small space gardening and open-field production. This kale has a vibrant pink and purple center with bright green edges. The pink color will be more intense during cooler nighttime temperatures. Flavor is mildly sweet and has a good eating quality. Excellent for kale chips, salads and smoothies.

## FEATURES

- Sweet after taste
- Bright pink and purple color during cool nights
- Suitable for container and open-field growing

| CULTURAL SHEET | |
|---|---|
| **Properties** | |
| Variety number/name | 950-075 Rainbow Candy Crush F1 |
| Series name | |
| Species | Brassica interspecific |
| Common name | Kale |
| Family | Cruciferae |
| Type | Annual |
| Seed weight | 2.2 - 4.0 gram / 1000 sds depending on seed lot |
| Average germination | 85-95% |
| Days to maturity | 8-12 weeks depending on conditions (see below notes) |
| Size | Up to 6.5 lbs |
| Cooking time | 7-9 minutes |
| Unique specifications | • Bold, hot pink center<br>• Cool nights make the color more intense<br>• New shoots will show up after the kale is harvested<br>• Large production/plant, up to 6.5 lbs, first central kale. New side shoots are smaller (1-2 person meal)<br>• Packed with lots of anti-oxidants, sweet after taste |



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## YOUNG PLANT CULTURE

**germination days**
3 days (max 2 nights)
**germination temp.**
64°F (18°C) Covered and high humidity, no light needed

**growing days**
35 days (depending on light intensity)
**growing temp.**
64°F (18°C)
**minimum growing temp.**
46°F (8°C) This lengthens the growing days period
**optimal day/night temp.**
day: 68°F (20°C)
night: 57°F (14°C)

**soil for sowing**
Sowing soil with good drainage, EC 1.5. PH 5.8-6.5
**sowing covering**
Vermiculite / soil with open structure /app. 4-8 mm thick
**fertilization (f) in the plug**
1.5 EC with each watering, low Nitrogen
**ready to transplant**
2 large leaves and central sprout start to stretch. Roots cover the whole plug.

## CULTIVATION TIPS DURING YOUNG PLANT GROWING

- Plants may go limp. In juvenile stage, do not let the plant go limp for long.
- Preventive insect protection for cabbage-fly, swede-midge.

## FINISH PLANT CULTURE

**potting soil**
Standard soil with good drainage and water storage capabilities EC 1.5 PH 5.8-6.5
**pot size**
6-8" (15-20 cm)
**plants per pot**
1 plant
**spacing outdoor**
Planting distance 20" x 20" (50x50 cm)
**planting soil outdoor**
Standard soil with good drainage and water storage capabilities EC 1.5 PH 5.8-6.5

**minimum growing temp.**
42°F (8°C) This lengthens the growing days period
**ideal growing temp.**
46°-75°F (18°C-24°C)
**optimal day/night temp.**
day: 68°F (20°C)
night: 57°F (14°C)
**days to maturity from transplant**
This period is strongly related to
- Temperatures during day and night
- Light intensity
- Use of the end product (the crop can vary from 2.0-6.5 lbs. usable kale leaf).

8 weeks for a light crop
10 weeks for an average crop
12 weeks for a heavy crop
Optimal - for optimal visual contrast in the Fall; 10-12 weeks

**frost**
Plants have limited resistance against night-frost. Cover the plants when temperatures are too low
**watering**
- Regularly, keep the soil moist, do not let the plant go limp
- Watering with minimal. 1.5 EC

**fertilization**
- A high fertilization level will create a bigger diameter of the plant and a more intense green color
- A low fertilization level reduces the diameter of the plant and give the leaves a more intense pink and purple color

## FINISH PLANT CULTURE CONTINUED

**finished plant size**
In principle this product can be sold in various stages, especially as a pot-plant.
- As a 3.5-5 inch pot-plant, in a consumers home garden or patio container
- As a 6-7 inch container to finish at home
- As a full grown plant (4.5-6.5 lbs) from an outdoor crop

## CULTIVATION TIPS DURING FINISH PLANT GROWING

- Variety is not sensitive to delay due to high temperatures or day length
- Color contrast is high when the nights are cold.
- Pay attention to cabbage-fly, swede-midge, aphids and butterfly-eggs

Summer and Autumn performance in an area with relative cool nights during Summer. The cool nights result in more pink center. Left is a plant of 6-8 weeks old. Right a full grown plant 10 weeks under the correct growing conditions.

Summer and Autumn performance in an area with relative warm nights during Summer, more purple in Summer. Left a plant of 10 weeks old. Right a full grown plant 14-16 weeks under the right growing conditions.

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