



# Cut Flower Kale F1 Crane™ Ruffle Series

*Brassica oleracea*



- COLORS AVAILABLE: Bicolor, Red, Rose, White
- FLOWER/GARDEN SIZE: 25 to 36 inches tall/Single stem/Annual
- NOVELTY CHARACTERISTICS: Ruffle-edged leaves, vigorous, easy to secure plant height
- CULTURAL RECOMMENDATIONS:**
- SEASONAL APPLICATION:
  - SOWING: July – August (June in cooler areas)
  - FINISHING: October – December
  - PHOTOPERIODISM: Daylength neutral, cool temperatures required for color to develop
- PLUG STAGE:
  - TRAY SIZE: 288, 200
  - GERMINATION: 3 to 4 days, 70 to 75°F
  - EC (POUR THRU METHOD) Medium feeders, calcium based fertilizer recommended
  - PLUG FINISH TIME: No more than 3 weeks
- FINISHING:
  - TRANSPLANT: At 2 to 3 true leaf stage, as soon as plug can be pulled
  - SPACING: 6 inches or less with netting
  - TEMPERATURE: 70-85°F initially for stem elongation, then less than 60°F for color development
  - DAYS TO HARVEST: 90 to 120 days
- COMMON DISEASES/PESTS: Aphids, Lepidoptera larvae, root maggots

**SEE "NOTES" NEXT PAGE**

Descriptions, illustrations, photos and disease resistance, etc. are based upon the results obtained under favorable conditions and certain races of pathogens/diseases. Identical results are not guaranteed nor implied for all growing conditions. Information is based on average data compiled. Physical characteristics, adaptability and disease tolerance may vary under different conditions.





## NOTES:

- Transplant as soon as plugs can be pulled from tray (2-3 weeks)
- If left in plug tray too long, plants can be planted deep to maintain straight stems
- Tight spacing encourages taller stems (no more than 6" centers)
- Netting is suggested as plants will fall over and produce a curved stem making them unsuitable for cut flower use
- When the plants are 10 inches tall, the lower leaves can be removed to encourage thinner stems

### ***After transplant***

- Give plants adequate fertilizer and keep moist during young growing stage
- 3-4 weeks after transplanting to finish beds, begin to reduce water
- 4-6 weeks before finishing, minimize water as much as possible. This will produce stronger, thinner stems and smaller, rose shaped heads
- Plants should begin to color about mid-October
- Plants should be ready to harvest about mid-November

