

# Dianthus Sweet F1

- Suitable for cut flower greenhouse production
- Excellent bouquet item
- Unique focal flower
- Long vase life
- Sweet fragrance



New Sweet gives professional cut flower growers the strongest, straightest stems of any *Dianthus barbatus* on the market. Offered in separate colours with no vernalization required.

Sweet produces in each straight, long stem a very fragrant head packed with vibrant, lasting blooms and shiny leaves.

It makes an excellent bouquet filler item for florists.

As a professional greenhouse and field cut flower, Sweet produces high yields of saleable stems in solid colours. The first year flowering plants are very uniform for height and flowering time.

Field grown plants are very uniform for height and flowering time. 18 to 36 in. (45 to 90 cm) high, with taller growth achievable from early Autumn- transplanted, greenhouse-grown plants.

Supplied with excellent seed quality, it has a minimum germination standard of 90%.



- A White:** Pure white
- B Red:** Dark red
- C Purple Deep:** Rich purple
- D Coral**
- E Sweet Scarlet**

## Cultural Information

*Dianthus barbatus*

**Crop Time:** 14 weeks.

**Planting Density:** 90 Plants/sq-m.net (no pinch) 9 plants/sq-ft.net.

### Pre-planting:

- **Soil:** Well drained, loose soil with no clusters. At least 25 cm (10 in.) deep.

- **pH:** 5.8 to 6.2.

- **Netting:** A single layer of support netting is recommended.

Net 8 holes, 11 to 30 cm (4x5 in. or 6x6 in).

### Shoot selection

Due to its high production of shoots, Sweet plants require selection. Leave only the main stem (week 7).

### Irrigation

Use overhead irrigation for the first week after planting and then start drip irrigation, avoid excess of water during the first 7 weeks from transplanting.

After shoot selection keep constant moisture (field capacity).

### Fertilization

Begin fertilization 1 week after transplanting use:

N: 100-120 ppm

K: 100-120 ppm

Ca: 180-200 ppm.

-EC: 1.5 to 2.0.

### Harvest

Harvest when 50 to 60% flowers are open.

### Post harvest treatment

Place the flowers immediately after cutting in a solution to prevent ethylene damage such as STS for 2 hours and then hydrate in a bactericide solution for at least 8 hours before cooling down.

Dianthus Sweet should be stored and shipped upright at all times. Place cut stems vertically after harvest to maintain flower quality use upright hampers for shipping.

### Pests & Diseases

- Powdery Mildew<sup>TM</sup>

- Rust

- Leaf Miner (especially when the plant is young)

- *Fusarium* sp

- *Thrips* sp