

HYBRID CUCUMBER DARINA

"High yielding quality fruits that fits in all markets"



GROWING GUIDELINE SNAP SHOT

| | |
|------------------------------|--|
| Recommended sowing depth | 1 cm |
| Seed Usage Per Acre | 10,000 seeds |
| Recommended spacing | 90cm x 45 cm |
| Temperature range for Growth | 22- 30° C |
| Optimal soil type | Well drained loam, sandy soil not heavy clays |
| Soil pH | 6 - 6.8 |
| Yield Potential | 35 tonnes/acre |
| Major Cucumber Diseases | Gummy stem blight, gray mold, downy mildew, powdery mildew, cucumber mosaic, watermelon mosaic, and Pythium root rot |
| Main Cucumber Pests | Leaf miners, melon flies, whiteflies, aphids, thrips and mites |

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Seminis

HYBRID CUCUMBER DARINA

Yield Potential of 30 tonnes/acre

Features

- Plant Type:** Vigorous growing and strong plant
- Fruit type:** Beautiful dark green colour fruits with white thorns measuring 20-23cm
- Yield:** High yielding variety, 30t/acre
- Maturity:** Matures early 45-50 days
- Resistant:** Resistant to cucumber vein yellowing virus and Scab (*Cladosporium* spp.) disease. Intermittent resistant to cucumber mosaic virus and powdery mildew.

Cost Benefit Analysis.

| | OPV | Hybrid Cucumber Darina |
|--------------------------------|---------------------|------------------------|
| Seed Usage Per Acre | 500gms | 10,000 Seeds |
| Cost of Seed | 3,500.00 | 7,900.00 |
| Yield Potential (Tonnes/acre) | 10.00 | 35.00 |
| Selling Price @ 30/= * per kg | 300,000.00 * | 1,050,000.00 * |
| Income | 296,500.00 * | 1,042,100.00 * |

**prices may vary; above prices are only indicative*

Growing Hybrid Cucumber Darina

Planting

- Proper land preparation should be done to break hard pans. Use of farm manure and compost can be applied during land preparation. A spacing of 90cm by 45cm is recommended.

Support

Basic support consisting of posts and running wire where the plants are attached using strings can be used. The plant should be trained to have 1 or few branches for maximum production. Supporting reduces disease infestation and also improve quality of fruits.



Watering/Irrigation

- Adequate irrigation is necessary during planting as inadequate moisture can result in poor germination

Nutrition

- Apply DAP during planting, topdressing with CAN at week 3-4, N:P:K at flowering. Weekly application of N:P:K for at least 3 weeks after flowering will give best results.
- Addition of high Calcium and potassium fertilizer during fruit production period should be done to improve on the quality of fruits.

Pests and diseases

- Common diseases are: gummy stem blight, gray mold, downy mildew, powdery mildew, cucumber mosaic, watermelon mosaic, and Pythium root rot. Major pests are leaf miners, melon flies, whiteflies, aphids, thrips and mites

Control

- For Control, practice crop rotation and use appropriate pesticides and fungicides for pests and diseases respectively.

Harvesting

Harvest cucumbers very early in the morning and at the right time to avoid loss of flavor. Pick at least once after every two days.

