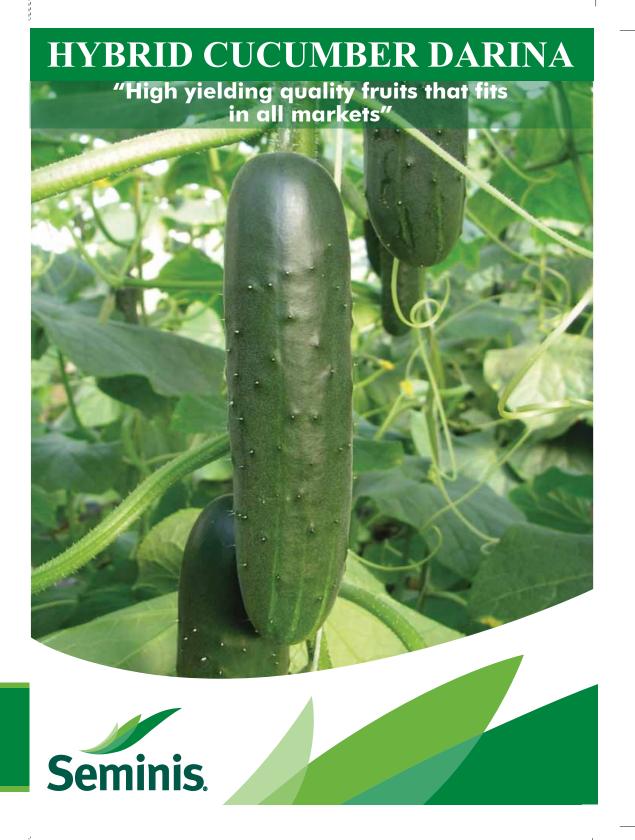
GROWING GUIDELINE SNAP SHOT		
Recommended sowing depth	1 cm	
Seed Usage Per Acre	10,000 seeds	
Recommended spacing	90cm x 45 cm	
Temperature range for Growth	22-30° C	
Optimal soil type	Well drained loam, sandy soil not heavy clays	
Soil pH	6 - 6.8	
Yield Potential	35 tonnes/acre	
Major Cucumber Diseases	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	

Disclaimer: Performance of our seed may be adversely affected by environmental conditions, cultural practices, diseases, insects or other factors beyond our control. All information concerning the varieties and their performance given orally or in writing by Monsanto or its employees or its agents is given in good fatih, but is not to be taken as a representation by Monsanto as to performance and suitability of the varieties sold. Performance may depend on local climatic conditions and other causes. Monsanto assumes no liability for the given information.

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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.

