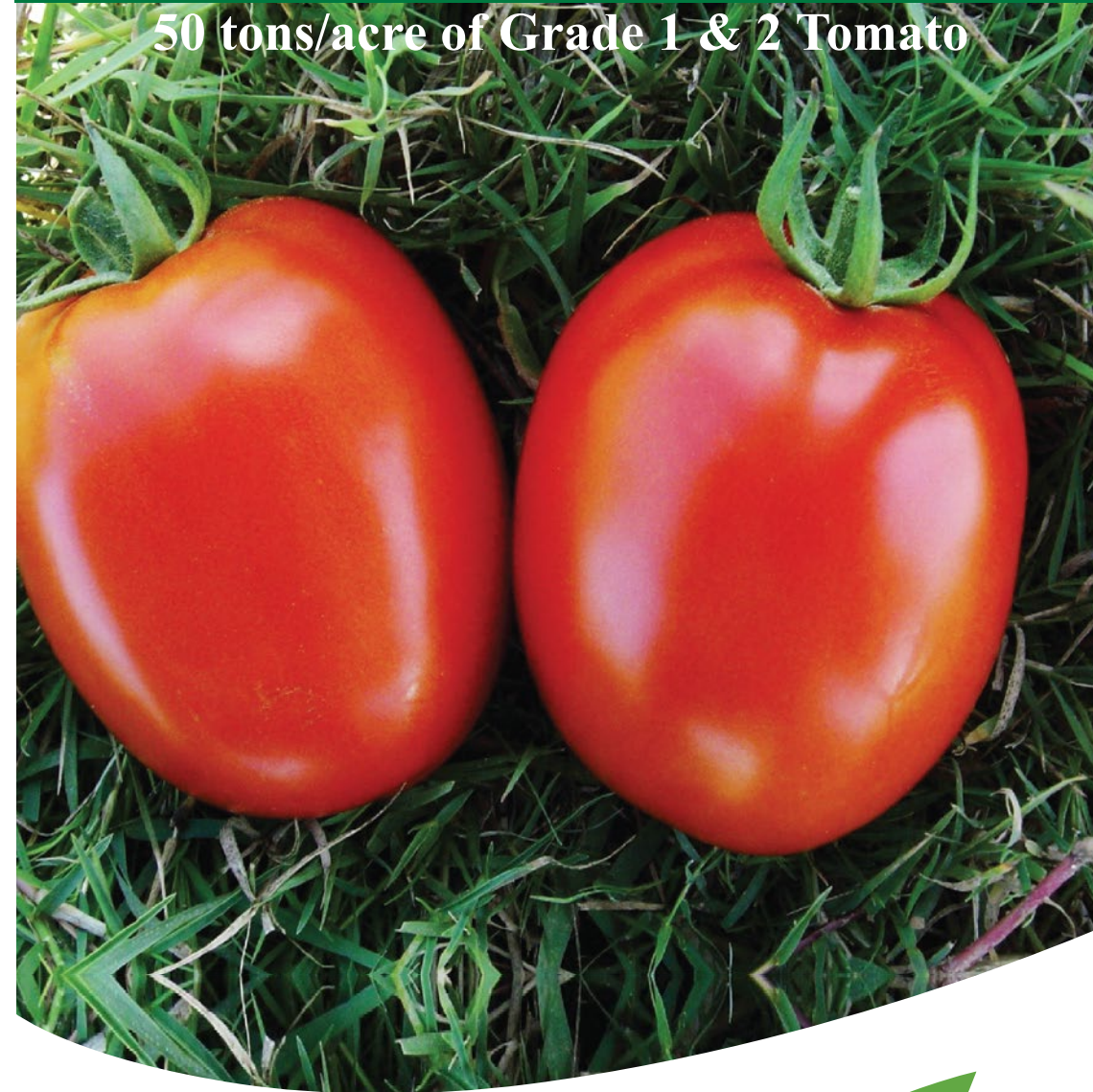


HYBRID TOMATO EDEN

50 tons/acre of Grade 1 & 2 Tomato



GROWING GUIDELINE SNAP SHOT

| | |
|------------------------------|--|
| Number of Seeds per gram | 340 seeds/g |
| Recommended sowing depth | 1-2 cm |
| Seed Usage Per Acre | 10,000 seeds |
| Recommended spacing | 90cm X 90cm or 90cm x 60 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 | 40-50 tonnes/acre |
| Major Tomato Pests | Aphids, thrips, whiteflies, red spidermites, bollworms, cutworms, Nematodes. |
| Main Tomato Diseases | Powdery Mildew, Early and Late Blight, Fusarium wilt, Bacterial wilt, Anthracnose. |
| Physiological disorders | Blossom end rot, Sun Scald, fruit cracking |
| Fruit Shelf Life | 21 days |

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 faith, 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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**Seminis**
grow forward

HYBRID TOMATO EDEN

Yield: 833 crates of 60kgs each (Up to 50 tonnes/Acre)

Features

Fruits: Blocky fruits deep red in colour.
Grade: Grade 1 and 2 tomatoes only.
Firmness: Firm fruits with good transport quality
Fruit Shelf Life: Long, up to 21 days
Maturity: Early, 70-75 days from transplanting.
Resistance: Resistant to verticillium wilt, Fusarium wilt, Tomato Mosaic, Alternaria stem canker and intermediate resistance to bacterial speck.

Benefits

High Yield: Increased income per acre estimated 833 crates x Kes 1,500/= . Income estimated at Kes 1,200,000/= * per acre!!!!

Market: Very marketable, good fruit colour, strong skin, so can transport well.

Cost Benefit Analysis

| | OPV | Hybrid Tomato Eden |
|-----------------------------------|-------------|-------------------------|
| Seed usage per acre | 250gm | 10,000 seeds (25-30gms) |
| Cost of seed Kes | 2,000/= * | *8,800/= |
| Yield potential (Crates per acre) | 200 | 833 |
| Income (1 crate = *1,500/=) | Kes 360,000 | Kes 1,200,000 |

Additional income Vs additional expense + peace of mind

Potential additional income is Kes 1,200,000* - Minus Kes 360,000 = Kes 840,000

Additional expense is Kes 8,800 minus kes 2,000 = Kes 6,800

*Prices may vary



Growing Hybrid Tomato Eden

Transplanting

- Transplant when it is cool e.g. morning hours or in the evening with a ball of soil.
- Use a starter fertilizer such as DAP at the rate 10gms per hole (1 match box or 1 spoonful) and manure at the rate of 2 handfuls per hole.
- Spacing: 90cm x 90cm or 90cm x 60cm

Staking Hybrid Tomato

- This can be done using sticks and strings to give the plant an upright growth. Advantages of staking*
- Increase in the percentage of marketable fruit, easier harvesting and reduced injury to both plants and fruit in harvesting. *a farmer may opt not to stake, but Monsanto highly recommends staking.

Irrigation

- Watering should be done in the morning or evening
- Avoid watering under windy conditions to reduce evaporation rates.

Nutrient Management

- Apply DAP at planting as indicated above.
- Top dress 3 weeks later with N: P: K at the rate 10-15gms per plant.
- Foliar feed to boost flowering incase topdressing was delayed.

Pests and Diseases

- Always scout for pests and diseases.
- Common crop pests include; Aphids, thrips, whiteflies, cutworms, bollworms, leaf miners, Red spider mites and nematodes.
- Common diseases include: Wilts, Blight, rots, Leaf spots and mildews.

Control

- Practice regular weeding, use of certified seed and destroying alternate hosts
- For diseases e.g. mildews and blight copper based or sulphur based fungicides are used.
- Note the Active Ingredient (AI) so as to avoid doing one kind of spray every time.

Weed Control

Always practice regular weeding to obtain a healthy tomato crop.

Maturity/Harvesting

Hybrid Tomato Eden is ready for harvesting after 70-75 days. This will continue for the next 3-4 weeks