

# Seminis®

## TOMATO ASSILA F1

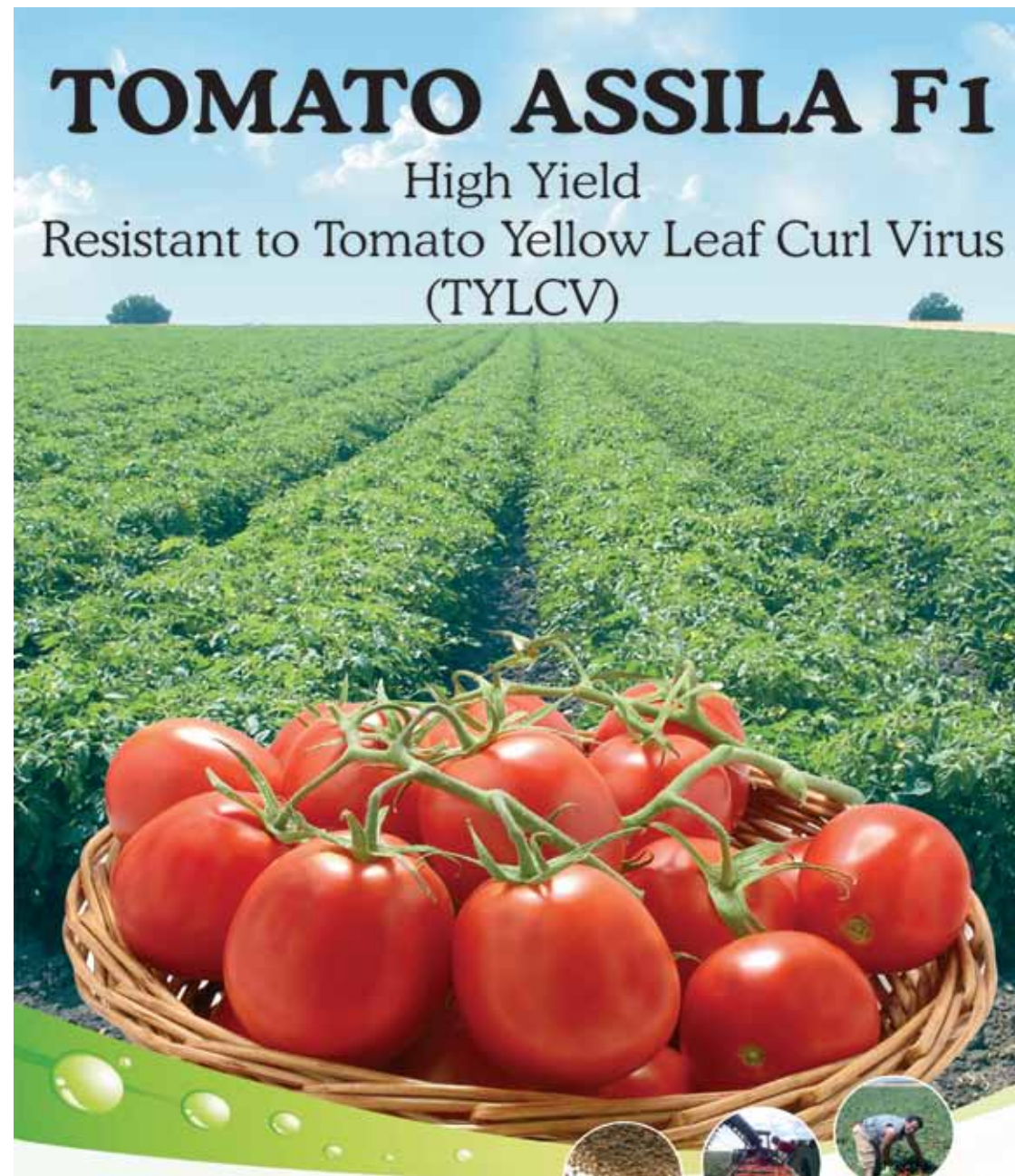
- High yield
- Resistance to Tomato Yellow Leaf Curl Virus (TYLCV)
- Yield potential: - 23tons/acre
- Early maturing 75 days
- Determinate no staking.
- Attractive red colour, heavy fruit with good grade out.
- Good keeping quality and transport
- Oval shape,  
A true 'Kamongo' tomato

MONSANTO KENYA LTD, TUSKER MATTRESS HEAD OFFICE MOMBASA ROAD  
P.O. Box 47686 00100, NAIROBI, KENYA.

Tel: 254 20 2060922/44/3574301/2/3/4, Fax: 254 20 823086/3574300

Mobile: 254 0722 205294/0722 205529/0733 600468 / 0733 629414

Email: [seminisea@seminis.com](mailto:seminisea@seminis.com), Web: [www.seminis.co.ke](http://www.seminis.co.ke)



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MONSANTO



Tel: +254 (020) 2060922/44  
+254 (020) 3574301/2/3/4

# Inside left

## TOMATO ASSILA F1 High yielding tomato variety Yield potential - 417 crates of 60kg each (25 Tonnes per Acre)

**Determinate fresh market and processing Tomato Hybrid**

### Features

- Fruits** : Oval (Kamongo) shaped with very good red color.
- Fruit** : Grade 1 -3 : an average fruit size of the 90-120 grams with excellent keeping quality.
- Taste** : Very good due to its high brix.
- Plant** : Vigorous with a very good fruits cover and excellent resistances to TyLCV disease.
- Maturity** : Early maturing about 75 days( 2 1/2) months
- Resistance** : Medium early Resistances to Tomato Yellow leaf curl mosaic virus, Fusarium wilt,Verticillium wilt and Nematodes

### Benefits

- Yield High** : Increased income per acre estimated 417 crates x 1,800 Kes\* income estimate Kes 750,600.00
- Maturity** : Earliness, quick return on investment
- Harvest** : Long; can plan marketing programme
- Market** : Very marketable, good fruit color, strong skin so can transport well
- Plant type** : Strong, can with stand

### Cost Benefit Analysis

	OPV	Hybrid Assila F1
Seed usage per acre	250gms	10,000 seeds (25 30gms )
Cost of seed Kes	2,600.00	10,860
Yield Potential ( Crates per acre)	200	417
Income ( 1 crate=*1,800/=)	<b>Kes 360,000</b>	<b>Kes 750,600</b>

### Additional income Vs additional expense + peace of mind

Potential additional income is Kes 750,000-Minus Kes 360,000=Kes 390,600.00  
 Additional expense is Kes 10,860 minus kes 2,600= Kes 8,260.00  
 \*Prices may vary



# Inside right

### 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.

### Staking Tomatoes

- 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.
- Tomato Assila F1 is Resistant to TYLCV.

### Weed Control

Always practice regular weeding to obtain a healthy tomato crop.

### Maturity

Tomato Assila F1 can be harvested after 75 days. This will continue for the next 3-4 weeks

