

Raja

TECH BULLETIN

ADV#1247

HIGH YIELDING TOMATO HYBRID ADV#1247

About ADV#1247

ADV#1247 is a vigorous, long-determinate prolific bearer with deep red colored shiny square round fruits and suitable for prolonged harvest.

Along with its delicious taste it can withstand hot and also cold condition and has good tolerance to the major foliar diseases of tomato. We need to avoid harvesting time with the rains to avoid circular crack.

ADV#1247: Key Features

- 🌱 Good foliar disease tolerance
- 🌱 Long-determinate habit
- 🌱 Stay green vigorous plants
- 🌱 High yielder
- 🌱 Field tolerance to ToLCV**
- 🌱 Field tolerance to Verticillium***
- 🌱 Deep Red fruits with good Firm
- 🌱 Suitable for fresh consumption and processing

Pertinent segment

	Required Attributes	Other Player
Rainy	August onward sowing, 80 to 100 g, Long-Determinate	Syngenta: TO#1389

Summary result of trials (Kharif)

ATTRIBUTE	ADV # 1247	TO#1389
Fruit weight (g)	90-100g	80-90g
Stay green rating	4	4
ToLCV** incidence (%)	6	4
Total yield (MT/Ha)	50-52	40-42

-No of locations = 8 across India. See overleaf for details

Abbr



USP

Vigorous plants, prolific bearer with field tolerance to ToLCV and foliar disease tolerance, Cold to Hot & Cold to Cold sowing window.

Plant Type

Plant Height(cm)	130 – 140
First picking	70 – 75 days after planting
Crop Duration	120 – 130 days after transplanting
Yield(MT / ha)	50-55

Fruit Type

Color on maturity	Shiny deep red
Fruit weight(g)	110 - 120
Shape	Square round
Locules	2 – 3
Taste	Excellent
Keeping Quality	Good

Recommended Agronomy

Seed Rate(g / ha)	100 – 125
Spacing(cm)	120 X 40
Season	Winter (C-H & C-C)
Plant Population/ha	20, 000
Transplanting	25 – 30 days old seedling

Important Ratings

ToLCV tolerance	Intermediate
Yield potential	High
Firmness	Medium

Tomato Leaf Curl Virus, ***TMV: Tobacco Mosaic Virus

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