ADVANTA

Modern Science - Traditional Values



VEGETABLES



Hybrid

Baby Corn



PAC 322

This hybrid baby corn variety is known for its tall plant height of 212 cm and an ear height of 110 cm. Each plant produces 3–4 uniform ears, with a maturity period of 55–57 days after sowing and harvesting within 8 days. It offers strong resistance to downy mildew and blight, ensuring healthy crops. With its male-sterile trait and adaptability for year-round sowing, this variety is an excellent choice for reliable baby corn production.

Agronomic Characteristics

Attribute	Details
Plant Height (cm)	212 cm
Ear Height (cm)	110 cm
Ear/Plant	3 - 4
Ear Uniformity	Good
Maturity Days	55 - 57 DAS
Harvesting	8 days
Disease Resistance	Resistant to downy mildew and blight
Special Feature	Male sterile
Sowing Season	Round the year

Hybrid

Tomato





ADV 12131

ADV 12131 is a determinate tomato hybrid with a first harvest in 62–65 days after transplanting (DAT). It produces square-round fruits weighing 100–150 g with a deep shiny red color and excellent firmness. This variety is tolerant to TYLCV and offers special features like long shelf life and excellent heat set, making it an ideal choice for year-round production.

Agronomic Characteristics

Attribute	Details
Plant Habit	Determinate
Days to 1st Harvest	62 - 65 DAT
Fruit Shape	Square round
Fruit Weight	100 - 150 g
Fruit Colour	Deep shiny red
Firmness	Excellent
Tolerance	TYLCV
Special Feature	Long shelf life, excellent heat set
Sowing Season	Round the year

TYLCV - Tomato Yellow Leaf Curl Virus **| BW -** Bacterial Wilt
DAT - Days After Transplanting



ADV 1225

ADV 1225 is a determinate tomato hybrid that is ready for first harvest in 65–67 days after transplanting (DAT). It produces square-round fruits weighing 90–140 g with a vibrant red color and good firmness. With tolerance to TYLCV and intermediate resistance to bacterial wilt (BW), this variety is prized for its long shelf life. ADV 1225 performs excellently in winter and should be avoided during heavy rain seasons.

Agronomic Characteristics

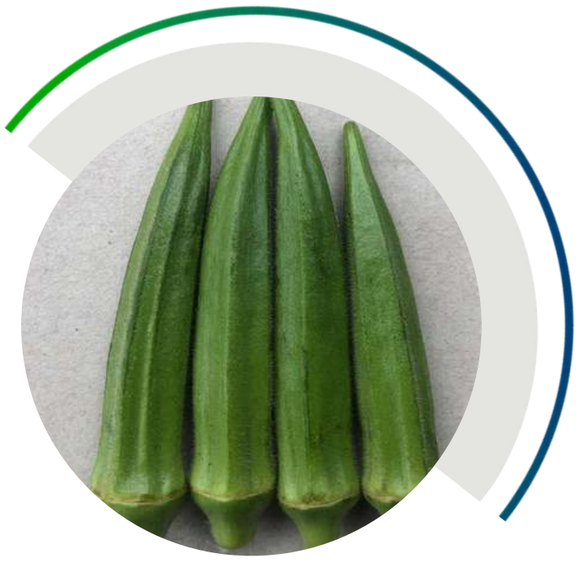
Attribute	Details
Plant Habit	Determinate
Days to 1st Harvest	65 - 67 DAT
Fruit Shape	Square round
Fruit Weight	90 - 140 g
Fruit Colour	Red
Firmness	Good
Tolerance	TYLCV and intermediate BW
Special Feature	Long shelf life
Sowing Season	Excellent in winter, avoid heavy rain seasons

TYLCV - Tomato Yellow Leaf Curl Virus **| BW -** Bacterial Wilt
DAT - Days After Transplanting

Hybrid

Okra





MUSANDA F1

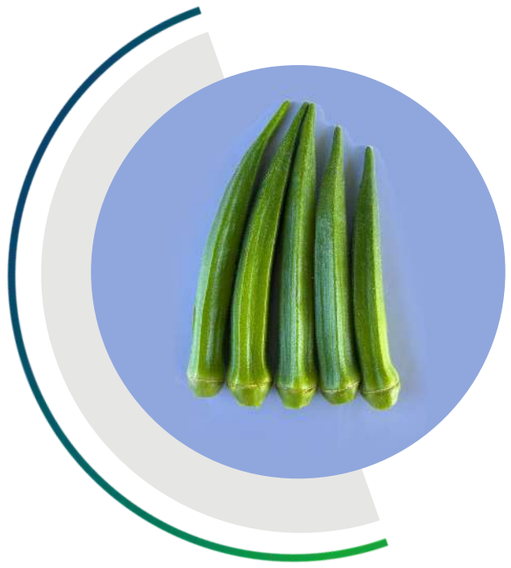
MUSANDA F1 is a tall okra hybrid with medium-cut leaves and dark green fruits, ready for first picking in 42–45 days after sowing (DAS). The fruits are 8–10 cm long and easy to pick, with tolerance to YVMV. Suitable for year-round cultivation except in winter, MUSANDA F1 requires harvesting 2–3 times a week for optimal fruit size and quality.

Note : Fruit should be harvested 2-3 times a week for medium size

Agronomic Characteristics

Attribute	Details
Plant Type	Tall
Foliage Type	Medium cut leaves
Fruit Colour	Dark green
Days to 1st Picking	42 - 45 DAS (Early maturity)
Fruit Length (cm)	8 - 10
Tolerance	YVMV
Special Feature	Easy picking
Sowing Season	Round the year except winter

DAS - Days After Sowing **| YVMV -** Yellow Vein Mosaic Virus



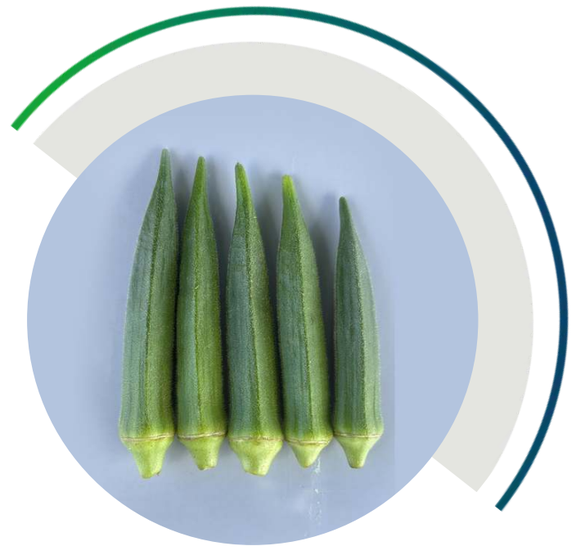
KUTULO F1

KUTULO F1 is a medium-tall to dwarf okra hybrid with deep-cut leaves and dark green fruits, ready for first picking in 45–50 days after sowing (DAS). The fruits are 12–15 cm long, making them ideal for export markets. With tolerance to YVMV and OLCV, KUTULO F1 offers easy picking and is suitable for year-round cultivation, except during winter.

Agronomic Characteristics

Attribute	Details
Plant Type	Medium Tall / Dwarf
Foliage Type	Deep cut leaves
Fruit Colour	Dark green
Days to 1st Picking	45 - 50 DAS
Fruit Length (cm)	12 - 15
Tolerance	YVMV and OLCV
Special Feature	Easy picking and suitable for exports
Sowing Season	Round the year except winter

DAS - Days After Sowing **| YVMV -** Yellow Vein Mosaic Virus
OLCV - Okra Leaf Curl Virus



LEURO F1

LEURO F1 is a medium-tall okra hybrid with deep-cut leaves and dark green fruits, ready for first picking in 40–45 days after sowing (DAS). The fruits measure 12–14 cm and the hybrid offers early yields with easy picking. With tolerance to YVMV, ELCV, and Powdery Mildew, LEURO F1 is suitable for year-round cultivation, except during winter.

Agronomic Characteristics

Attribute	Details
Plant Type	Medium Tall
Foliage Type	Deep cut leaves
Fruit Colour	Dark green
Days to 1st Picking	40 - 45 DAS
Fruit Length (cm)	12 - 14
Tolerance	YVMV, ELCV, and Powdery mildew
Special Feature	Early yield and easy picking
Sowing Season	Round the year except winter

DAS - Days After Sowing **| YVMV -** Yellow Vein Mosaic Virus
ELCV - Enation Leaf Curl Virus



Hybrid

Hot pepper



RELI FIRE 509 (ADV 509)

RELI FIRE 509 (ADV 509) is a semi-erect hot pepper hybrid with high-yielding potential and excellent keeping quality. Ready for harvest 65–70 days after transplanting (DAT), it produces 8–10 cm fruits with a thickness of 1.1–1.3 cm. The fruits transition from dark shiny green when immature to deep red at maturity, offering high pungency for fresh market and processing purposes. This versatile hybrid is suitable for year-round cultivation.

Agronomic Characteristics

Attribute	Details
Plant Type	Semi-erect
Days of Maturity	65 - 70 DAT
Immature Fruit Colour	Dark shiny green
Mature Fruit Colour	Deep red
Fruit Length (cm)	8 - 10
Fruit Thickness (cm)	1.1 - 1.3
Pungency	High
Purpose	Fresh market and processing

DAT - Days After Transplanting

Hybrid

Eggplant





ADV 312

ADV 312 is a semi-erect eggplant hybrid with purple variegated oval fruits, weighing 30–80 g each. Ready for harvest in 60–65 days after transplanting (DAT), it features cluster fruit-bearing and a green calyx. ADV 312 offers excellent cold tolerance, heat set, extended shelf life, and the potential for long continuous harvesting. This hybrid is ideal for cultivation from winter to late summer.

Agronomic Characteristics

Attribute	Details
Plant Habit	Semi-erect
Fruit Shape	Oval
Fruit Colour	Purple variegated
Fruit Size (g)	30 - 80
Calyx Colour	Green
Maturity	60 - 65 DAT
Fruit Bearing	Cluster
Special Feature	Excellent cold tolerance, heat set, extended shelf life, long continuous harvesting

DAT - Days After Transplanting

Hybrid

Watermelon



ADV 1401



ADV 1401 is a vigorous watermelon hybrid producing medium-sized round fruits weighing 6–8 kg. With dark green skin, deep red crispy flesh, and a high Brix level of 11–12%, it matures in 70–80 days after sowing (DAS). Known for its excellent transportability, ADV 1401 is ideal for year-round cultivation, excluding cold seasons.

Agronomic Characteristics

DAS - Days After Sowing

Attribute	Details
Vine Strength	Vigorous and strong
Fruit Size	Medium
Fruit Weight (kg)	6 - 8
Fruit Shape	Round
Skin Colour	Dark green
Brix (%)	11 - 12
Maturity	70 - 80 DAS
Flesh Colour	Deep red
Texture	Crispy
Special Feature	Suitable for long-distance transportability
Sowing Season	Round the year except cold seasons