

ECOM CIRAD Variety Catalog



ECOM



cirad

Our Story

ECOM (Agroindustrial Corp Ltd) and **CIRAD** (French Agricultural Research Centre for International Development) have worked in collaboration since 2004 in a Public-Private Partnership. ECOM and CIRAD have made it possible to develop the coffee chain through **the creation of new coffee varieties** that are better adapted to climate change, 30 to 50% more productive than conventional varieties.

“The purpose of this alliance is to contribute to the diversification, modernization, and sustainability of coffee.”

Teddy Esteve
ECOM Coffee CEO

SMS, the technical assistance department of ECOM, was established in 2011 and focuses on developing innovative technological products, providing plants of high yield and quality varieties that are well adapted to climate change.

Actually it manages a 3 million plant nursery, which uses pioneering technologies such as the use of inert substrates, biodegradable containers and controlled release fertilizers.



Our Varieties

ECOM Agroindustrial Corp Ltd. (ECOM) propagates outstanding coffee varieties, guaranteeing traceability and quality to its clients.

Discover in video
our operation



Selected coffee varieties offered:

Seed hybrids
available in seeds.

Hybrids from in-vitro tissue culture
available as in-vitro plantlets.



Recomendations

The coffee hybrids are very adapted to cultivation under agroforestry systems but also adapted to full sun conditions.

They are recommended to be planted at densities between 3,333 and 4,000 plants per hectare. With good agronomic management productivity levels can reach average yields of 2 to 3 metric tons of green coffee per hectare.

Nutritional requirements of the plants would be adjusted depending on the agronomical conditions (soil, climate and level of productivity). We recommend at least 500kg per hectare of a 19-4-19+ ME fertilizer for each 1,000 kg of green coffee.



Starmaya®



Size
Medium

Color of tips
Green

Size of Coffee Bean
Big

Progenitors: CIRAD-MS01 X MARSELLESA® (F1 HYBRID)

Agronomic Information

Optimal Altitude (Central America):

>1100 M.A.S.L

Cup Quality:

+81 pts

Productive Potencial:

HIGH

Rust:

MEDIUM TOLERANT

Year for the First Harvest:

2

Type of Maturity:

EARLY , MEDIUM, LATE

Planting Density:

3 meters x 1 meter

NOTE

F1 Hybrid that is produced from seed of a controlled seed field.

Not to be propagated from its own seed to avoid segregation.

Material available as:



Seeds



Seedlings

Mariana®



Size
Medium

Color of tips
Bronze

Size of Coffee Bean
Big

Progenitors: CIRAD-MS01 X IAPAR 59 (F1 HYBRID)

Agronomic Information

Optimal Altitude (Central America):

800 - 1100 M.A.S.L

Cup Quality:

+80 pts

Productive Potencial:

HIGH

Rust:

TOLERANT

Year for the First Harvest:

2

Type of Maturity:

EARLY , MEDIUM, LATE

Planting Density:

2.5 meters X 1 meter

NOTE

F1 Hybrid that is produced from seed of a controlled seed field.

Not to be propagated from its own seed to avoid segregation.

Material available as:



Seeds



Seedlings

Centroamericano (H1)



Size
Medium

Color of tips
Green

Size of Coffee Bean
Big

Progenitors: T5296 X RUME SUDAN (F1 HYBRID)

Agronomic Information

Optimal Altitude (Central America):

700 - 1100 M.A.S.L

Cup Quality:

+82 pts

Productive Potencial:

HIGH

Rust:

TOLERANT

Year for the First Harvest:

2

Type of Maturity:

EARLY , MEDIUM, LATE

Planting Density:

3 meters X 1 meter

NOTE

This hybrid only reproduced by micro-propagation.

Material available as:



In-Vitro Plantlet



Acclimatized Plantlet

MundoMaya® (EC16)



Size
Small

Color of tips
Bronze

Size of Coffee Bean
Medium

Progenitors: T5296 x ETIOPIAN ET01 (F1 HYBRID)

Agronomic Information

Optimal Altitude (Central America):

>1100 M.A.S.L

Cup Quality:

+83 pts

Productive Potencial:

HIGH

Rust:

TOLERANT

Year for the First Harvest:

2

Type of Maturity:

EARLY , MEDIUM, LATE

Planting Density:

3 meters X 1 meter

NOTE

This hybrid only reproduces by micro-propagation.

Material available as:



In-Vitro Plantlet



Acclimatized Plantlet



**SMS, your field
innovation
partner.**

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