







INFORMATIONS TECHNIQUES:

Common name: Coffee

Scientific name: Coffea Arabica

Rubieacea Family:

Genetic group: Arabica, Caturra group

Variety: Hope

Category: Caturra

1.5 - 2 m Heigt:

Production cycle:

Coffee rust (Hemileia vastatrix), coffee nematode Susceptibily:

(Meloidogyne exigua)

Good resistance to harsh climatic conditions and Resistance/Tolerance:

bacterial diseases.

Average yield: 3 - 4 t/ha

Elevation: 600 - 1.800 MASL

Optimal temperature: 18° C - 24° C

Ripening season: 200 - 300 days from flowering

Esperanza coffee is known for its resistance to diseases and harsh climatic conditions, making Additional information:

it a robust variety for various regions. It is also appreciated for its smooth and balanced flavor,

making it an excellent choice for quality coffee producers

Qualities of the grain:

Color: Bright red

Acidity: Medium

Flavor: Smooth, pleasant, and slightly sweet

Brix degrees: 18° - 20°

Grain size: Medium-sized beans







History:



Pollination: Self-pollination

Self-compatibility: Compatibility

Care: Esperanza coffee requires well-drained, organic-rich soil. It is important to protect it from frost

and water it regularly, without overwatering

Soil: The soil for Esperanza coffee should be well-drained, slightly acidic, with a pH between 6 and

6.5, and rich in organic matter

Sprout Color: Green

Preferred Climate: Tropical, subtropical

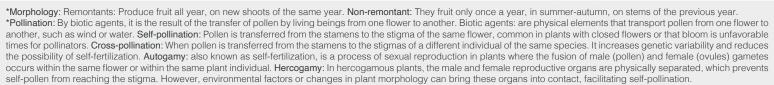
Quality in Altitude: Good (balanced, smooth, fruity and sweet notes)

Nutritional Requirements: It requires adequate levels of nitrogen and potassium for optimal yield

Esperanza coffee was developed to offer a variety resistant to diseases and adaptable to various

climatic conditions. Its origin comes from selection programs aimed at improving the quality and

productivity of arabica coffee



*Self-compatibility: The fusion of male and female gametes from the same flower or different plant individual, involving pollen transfer between different plants, allows them to reproduce sexually without the need for suitable pollinators or favorable environmental conditions. Many plants have self-incompatibility systems that prevent self-fertilization by recognizing and rejecting pollen from the same plant or closely related individuals.



Note: The data and results presented in these data sheets are for reference only. They were obtained under ideal and controlled conditions that are not always replicated in the real world. Plants are living beings, and their development depends on many factors. Therefore, GreenLab cannot guarantee that you will get the same results as shown, even if you follow the directions to the letter. Schedule an appointment with our GreenLab sales team. We can help you evaluate whether the variety you are interested in is right for your project. At GreenLab we want you to succeed in your production and that's why we provide you with all the information and support you need, so you can bet on high quality seedlings with GreenLab!



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