



CACAU CANTAGALO

BRASIL - BAHIA
AMÊNDOAS SELECIONADAS



The map shows the counties where the farms of Agricultural Cantagalo are located in the southeast of Bahia - Brazil.



Agrícola Cantagalo

The largest producer of cocoa in Brazil

The company achieved its highest production in the 1994/1995 crop with 128,681 @ = 1.930t. After the emergence WITCH BROOM disease by the year 1990 reached the lowest production in the 2000/2001 harvest with 19,171 @ = 287.5t, registering a decrease of 85.10%.





GENETICAL ENHANCEMENT

From there, we started prospecting on our farms plants that were more resistant to the fungus.

We analyze the size of the plant, thickness of fruit bark, number of seeds in the fruit, seed weight (up to 1g) and observe their behavior for three years.

After this analysis, we installed the clonal garden and the next step, we started to graft the plants in the commercial planting.

We got to watch more than 500 plants and today we work with 10 clones of excellence.

Throughout cacao region of Brazil we found varieties of clones derived from our farms most notably PS 13:19 (ENCANTADA); FA 13 (ALMADA); PS 40.7 (MOUNTAIN); PS 10:30 (Orico); FM 31 (MODELO) and CA 1.4 (CANTAGALO).

Thanks to this work, we are gradually resuming our greatest production. Currently we reached the 90,000 mark @ = 1.350t.



GENETICAL ENHANCEMENT



BRANCH GRAFTING IN OLD COCOCA



GENETICAL ENHANCEMENT



**Variety Almada
(FA 13)**





GENETICAL ENHANCEMENT



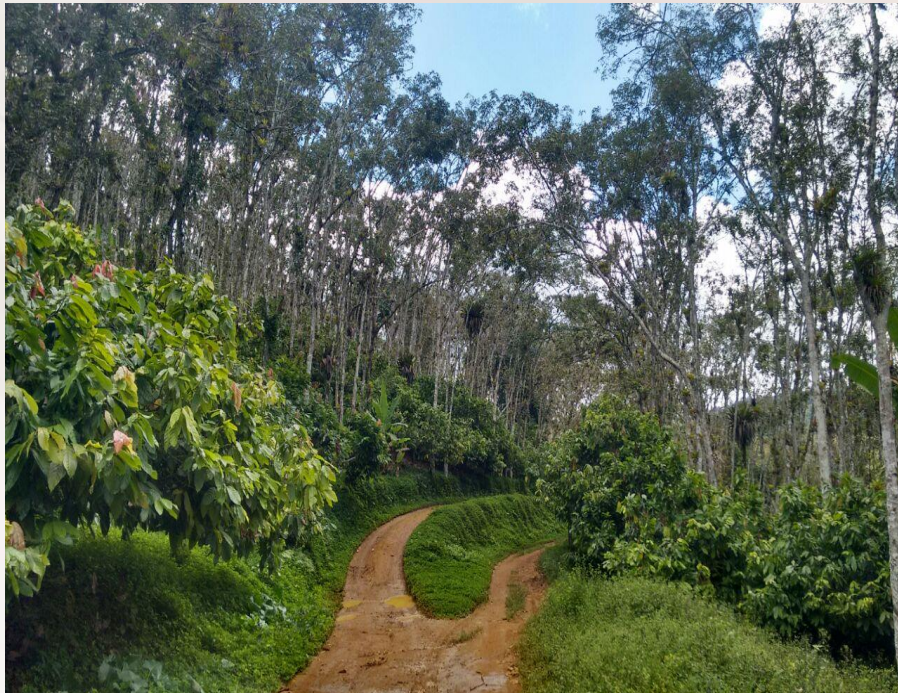
**Variety Encantada
(PS 13.19)**



BEST FARMS

Eldorado Farm, located in the municipality of Ituberá, Bahia, planting with consortium COCOA / RUBBER in the 2012/2013 crop produced 8.509 @ in 87.95ha, productivity 96.75@/ha.

On this farm we have a perfect integration between the old cocoa trees and introduced new clones.





BEST FARMS

Cantagalo Farm, located in the municipality of Itacaré-Ba, planting under cabruca COCOA / MATA ATLANTICA in 1986/1987 harvest produced 5,005 @ in 45.09ha, productivity 111.00@/ha





BEST AREAS

Doctor area, Maryland farm, municipality of Jussari-Ba, 4X4 spacing between plants, monoclonal planting PS 13.19 (ENCANTADA) with 970 trees in the 2015/2016 crop produced 208.60 @ projecting to 1,000 trees, achieved productivity of 215 @-3045kg p/ha





BEST AREAS

Doctor area, farm Boa Sentença, the municipality of Itabuna-Ba, 3X3 spacing between plants, polyclonal, irrigated. We started with some clones that did not match and had to replace them. Today the genetic basis is focused on the following varieties: PS 13:19 (ENCANTADA), FA 13 (ALMADA), PS 40.7 (BIG MOUNTAIN) and CCN 51 (ECUADOR). It is noteworthy that the exchanged clones are aged two to three years and have not yet reached the fullness of their productions. Comprised of 927 feet, the harvest of 2015/2016 produced 149 @ projecting to 1,000 trees, achieved productivity of 160.73@, 2.410 ton/ha.



BEST AREAS



Doctor area
Farm Boa Sentença





BEST AREAS

Doctor area, farm Modelo, the municipality of Ituberá, Bahia, 3X3 spacing between plants, biclonal (80% PS 13:19 (ENCANTADA) and 20% PS 40.7 (BIG MOUNTAIN) to 1,553 trees in the 2014/2015 harvest produced 238 @, designing for 1,000 trees, achieved productivity of 153@, 2.296 ton/ha.



BEST PLANTS

Plant Matrix PS 13:19 (ENCANTADA), located in block 13 of the farm Porto Seguro, Ilhéus-Ba **produced 18kg of dried beans.**

Clone PS 13:19 (ENCANTADA) plant located next to the house Modelo farm headquarters city of Ituberá, Bahia, productions:

2012 - 325 fruits 52g sc = 16.90kg

2013 - 385 fruits x 52g = 20.02kg

2014 - 408 fruits x 52g = 21.22kg

2015 - 480 fruits x 52g = 24.96k



BEST PLANTS

Plant Matrix FA 13 (ALMADA) located in block 01 of the farm Angola, municipality of Itajuípe-Ba produced 11.05kg.

Clone FA 13 (ALMADA) plant located in the farm house Boa Sentença, the municipality of Itabuna-Ba, in 2015 produced 374 fruits x 40g = 14.96kg.



CONCLUSION

We continue in our relentless pursuit to elevate wherever possible, our productivity without giving up place on the market of chocolate grains of excellence that meet the most demanding quality criteria, aroma and flavor.



ANGELO CALMON DE SÁ

SUPERINTENDENT DIRECTOR OF AGRICULTURAL CANTAGALO

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Learn about our varieties of cocoa and surprise yourself with their different aromas and flavors!

www.cacaucantagalo.com



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