

Castor Brazil 2024





Hello!

I AM ANDRÉS MORALES

CEO of A.Azevedo Óleos , biggest castor crusher and derivatives in Brazil.

I am also current President of Brazilian Castor Association

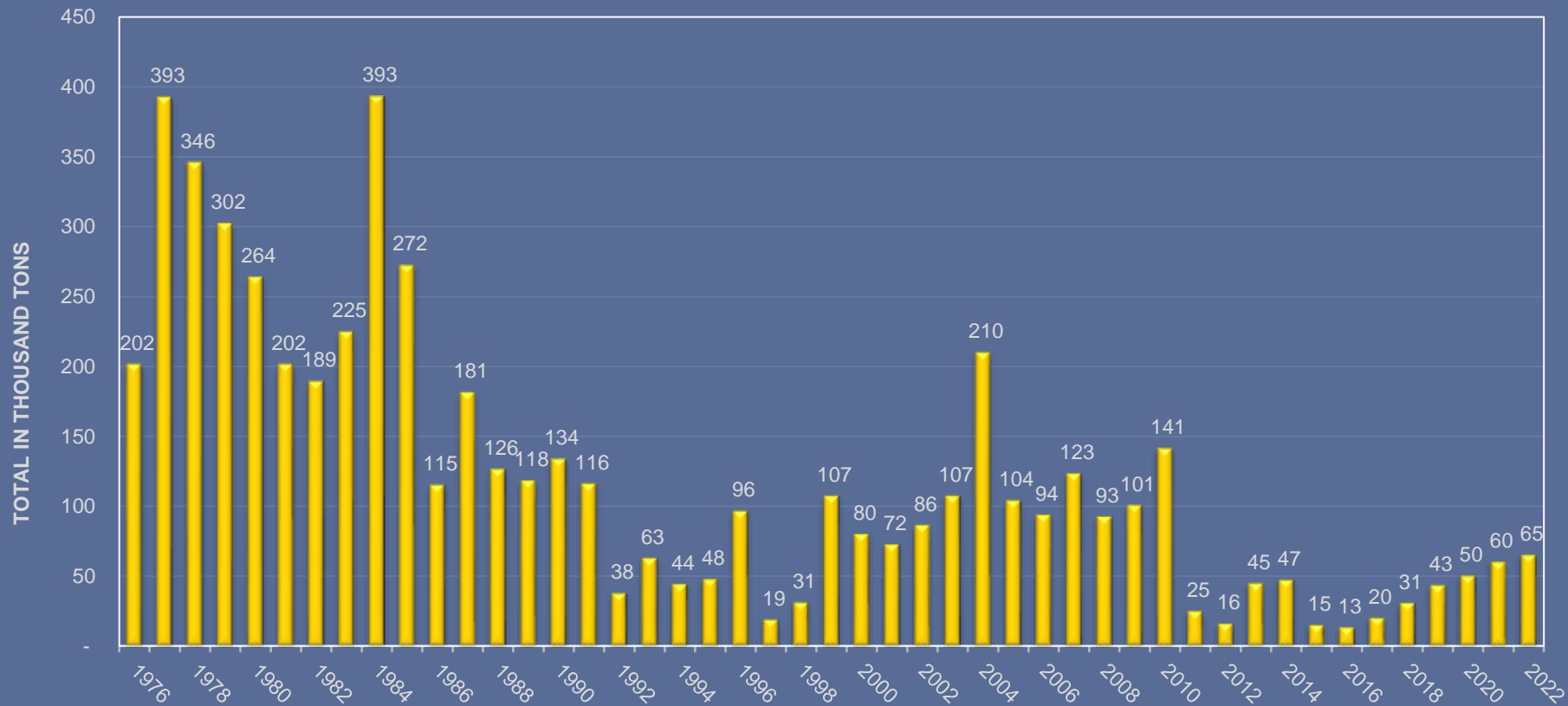
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A. AZEVEDO IND. ÓLEOS



ITUPEVA-SP

BRAZIL CASTOR – PRODUCTION HISTORICAL DATA



SOURCE: CONAB – COMPANHIA NACIONAL DE ABASTECIMENTO

Main reasons for Brazilian Castor Reduction

- Movement from farms to cities looking for new jobs (Economic Growth)
Soybean production fastly expansion with mechanized solutions
- Corn production with new seeds resulting more profits
- Real plan, valuation on our currency results in disadvantages for exportation
- Castor Production in last 30 years were concentrated in a dry area at northeast of Brazil, some years we suffered with no rains seasons

BRAZIL CASTORBEAN CROP 2023

	AREA	YIELDS	TOTAL
	(HECTARES)	AVERAGE (KGS/HÁ)	(MTONS)
FARMING / CROP	75.000	860	65.000

ESTIMATIVE FOR BRAZIL CASTORBEAN CROP 2024

	AREA	YIELDS	TOTAL
	(HECTARES)	AVERAGE (KGS/HÁ)	(MTONS)
FARMING / CROP	85.000	880	75.000

What did we do to increase our production?

- Price structure aiming to develop more areas
- Involvement of cooperatives supporting farmer's demands
- Use of irrigation and more techniques
- Use of mechanization in large areas
- New seeds adapted to the mechanized process
- Foundation of Brazilian Castor Association – coordinate and support works with small farms as well as big farms

Contribuitions that incentivated Castor production

- Higher International Prices
- Biodiesel Govermental Program
- Farmers looking for cultures to regenarate soil
- More players seeking oilseeds aiming Biofuels
- Castor is the best choice for the semiarid biome in Brazil

Where we are ?

85 %

SMALL FARMERS

- 80% using beans harvested at previous year as seeds
- Use of irrigation combine with solar energy for moving pumps increasing year by year
- Industries receiving beans with high content of impurities
- Increasing the interest for mechanization, as handwork getting more expensive

15%

BIG FARMERS

- Concentrate in the between crop just after soybean harvests
- 5 different states
- Irrigated areas with potential to produce 4 tons /ha
- Only hybrid seeds capable of meeting a short production cycle.

Header of 6 Lines for Big Farmers



1 Line Coupled to a Tractor for Small Farmers



Our Challenges

SMALL FARMERS

- Increase yields by use of certified seeds and better practices
- Promote irrigation combine with solar energy for moving pumps
- Use of mechanization even in small areas (5/10 hectares)

BIG FARMERS

- Reduce costs of hybrid seeds
- Reduce losses during the harvest
- Perform good speed for the combine operation of harvest and dehulling
- Storage logistic for receiving big volumes concentrated in 3 months
- Increase yield to be more competitive than corn

CASTOR MEAL

- Valuation of the meal is essential for castor production we are seeking diversified uses including animal nutrition

Opportunities

- Many regions in Brazil are able to perform 2 crops per year
- Castor production helps the control of Nematoides
- Biodiesel Program established new requirements aiming promote familiar agriculture in the north/northeast part of Brazil

MECHANIZATION



On our opinion it is the only road to Brazil
return on world scene as important
Castor Producer



Thank you