



THE SUSTAINABLE CASTOR INITIATIVE

PRAGATI

CASTOR OIL

Facts & figures



DID YOU KNOW?

More than **80%** Of the world's supply of castor seed produced annually in India representing approximately 1.2 million tons

TOP 4 Uses for Castor oil



POLYMERS



LUBRICANTS



COATINGS



PHARMACEUTICALS

700,000 

The number of castor bean farmers in India

45%

Of the weight of castor bean is captured as castor oil. The remainder is generally repurposed as a fertilizer



5

Farmers typically harvest castor pods **at least 5 times** per year 120 to 180 days after planting

1,000,000 

The number of hectares of land dedicated to castor farming in India

TOP 2

Perceived sustainability advantages of castor beans

- ❖ Naturally drought resistant
- ❖ Does not compete with food chain for humans or animals



PRAGATI INITIATIVE

Sustainable Castor Initiative

OBJECTIVES OF THE PRAGATI INITIATIVE

- ❖ To enhance farm productivity by adopting a sustainable package of agricultural practices.
- ❖ To train farmers to build capacity, improve yields and reduce environmental impact, helping them to cultivate castor beans ecologically.
- ❖ To provide educational materials to improve their skills and knowledge.
- ❖ To improve the farmers' and farm workers' income and to ensure better health and living conditions.

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Members of the Pragati Initiative

- ❖ Arkema, a global leader in specialty chemicals and advanced materials
- ❖ BASF, the world's leading chemical company
- ❖ Jayant Agro-Organics Ltd., a pioneer in castor oil based chemicals in India
- ❖ Solidaridad, an international civil society organization

* Statistics as of September 2018

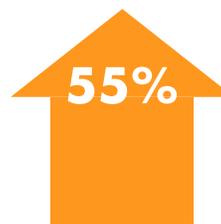
Agricultural experts have facilitated distribution of sampling for soil conservation in more than 5 villages

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41 Soil and water quality testing has been performed in 41 villages



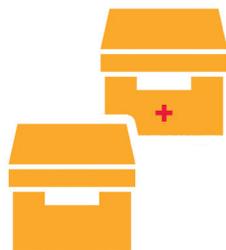
5 Demonstration plots set up in the program to showcase the benefits of implementing good agricultural practices



Yield increase by the farmers certified in the first year compared to the 2016 baseline study

3 Certification bodies have been empanelled as external certification agencies

2,730
Safety kits &
1,711



Pesticide storage boxes have been distributed to help farmers with improved waste management

2,730 Farmers Certified by the program so far

- ❖ More than 2,000 hectares of castor farming are now in accordance with the project framework
- ❖ More than 1,000 hours of classroom training
- ❖ All certified farmers have adopted improved farm waste management practices



SuCCES
Sustainable Castor Caring for
Environmental & Social Standards



PRAGATI

For more information on the sustainable castor initiative
please contact info@castorsuccess.org

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BASF
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