



**Jatropha Africa**



What is Jatropha Curcus?

Yield Advantages of Jatropha Over  
Other Feedstock

JATROPHA'S ENVIRONMENTAL IMPACT

Employment & Wealth Creation in  
Third World Countries



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## Activities of JATROPHA AFRICA

- a) Seed Sellers
- b) Oxfam's Scheme
- c) 250.000 Hectares of Land

Looking for investors in GHANA



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# JATROPHA SEEDS IN ITS NATURAL STATE



**Seeds in a Pod**



**Dried Seeds**



**Fresh Fruit**



## JATROPHA PROCESSING

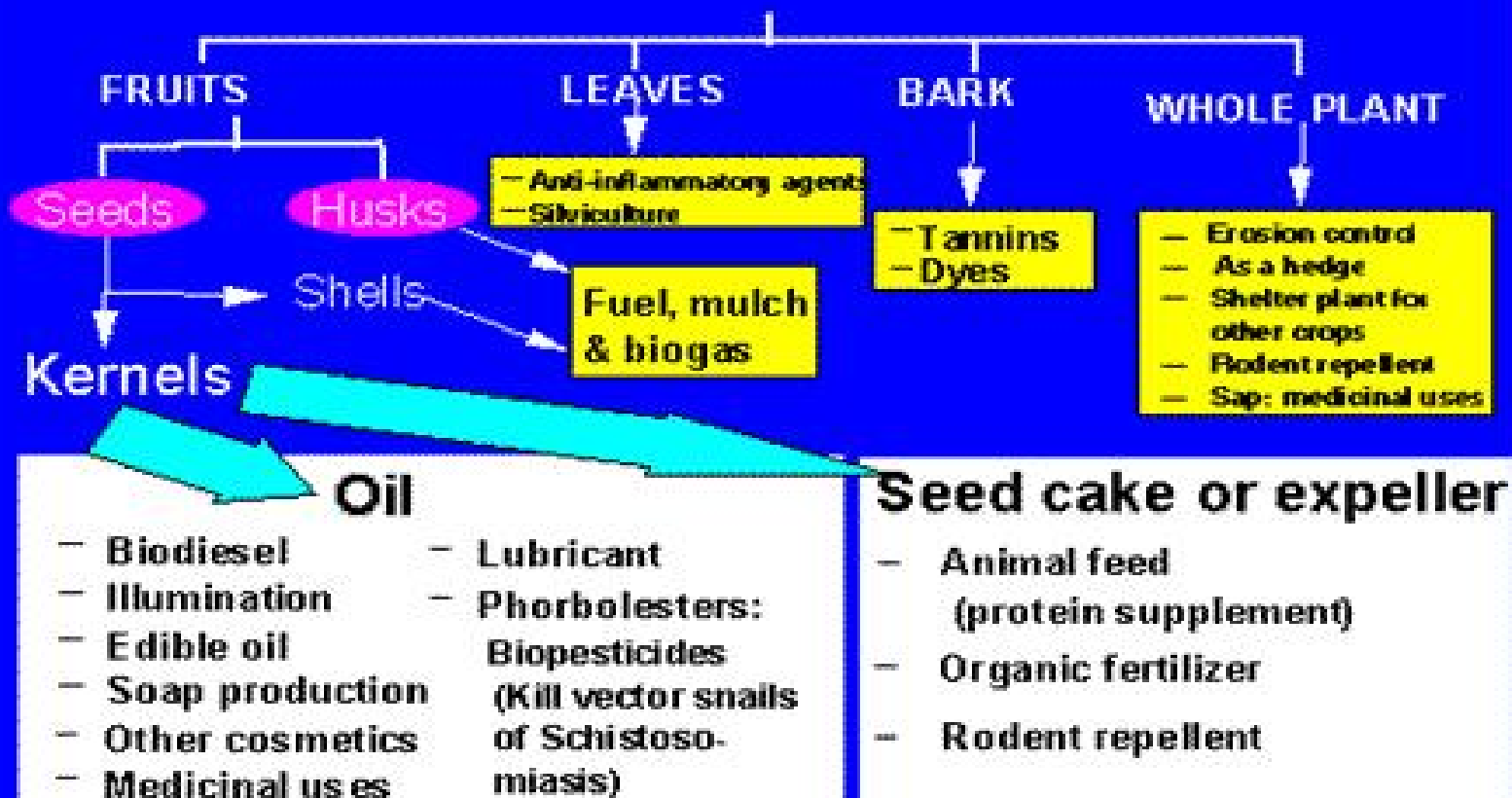
- **Where It Grows** — Very Adoptable to All Kind Soils Even On Depleted Lands
- **Climate Needs** - Tropical Regions
- **How its Harvested** - Handpicked
- **How its Planted** – Transplanting method or By Seeds
- **Time Scale** - 15 months for the 1<sup>st</sup> Harvest, plant's Lifespan is 40 years
- **No Replanting Required as Rapeseed**



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## The Yield Advantages of Jatropha Over Other Feedstock

Fig. 1. Parts of *Jatropha curcas* and their possible uses





## CULTIVATION ANALYSES

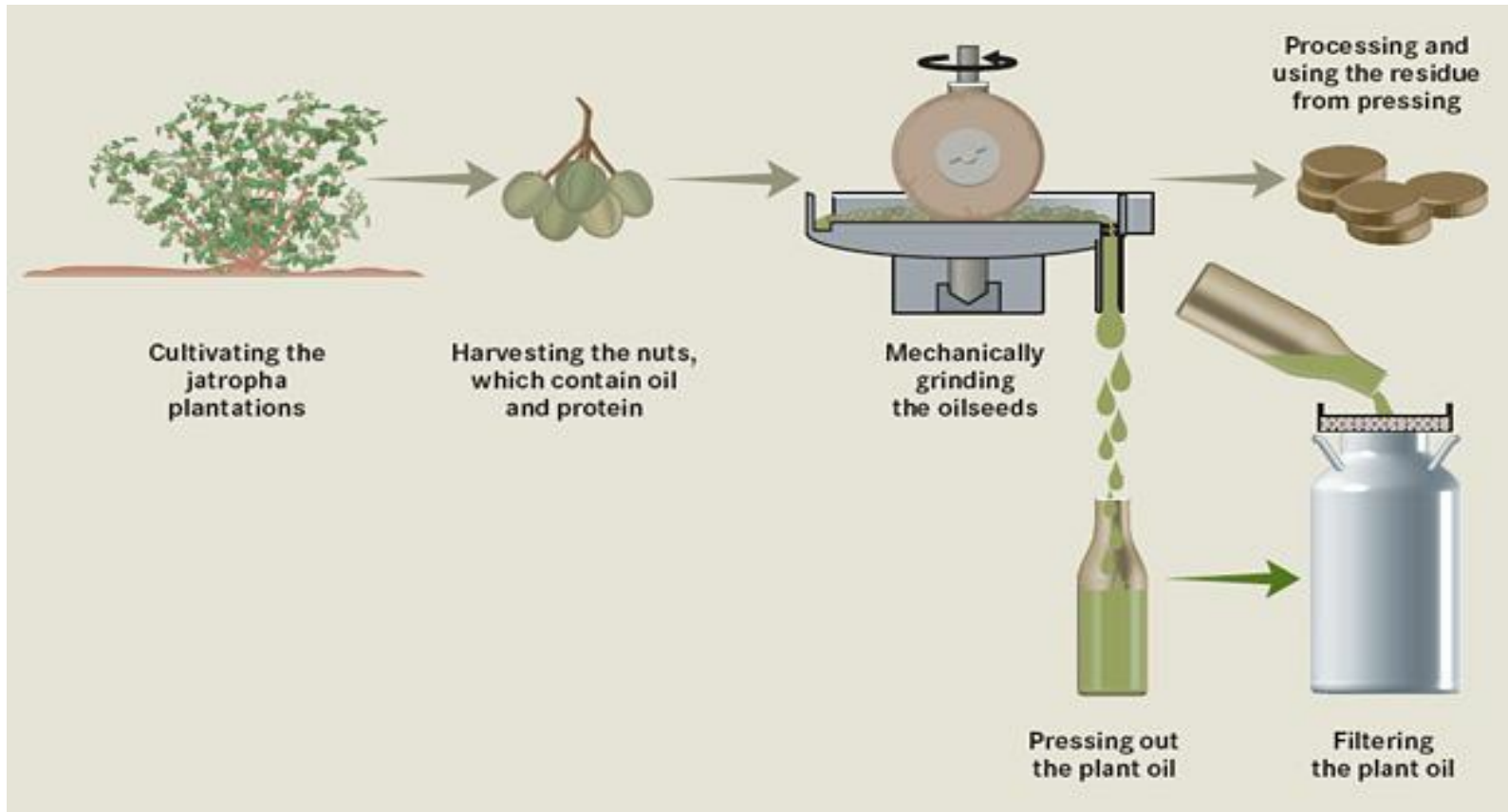
- 8kgs Jatropha Seeds is Required to Plant  
1 Hectare of Land
- 1 Hectare Harvest of Jatropha = 7 - 8  
Tonnes
- 7 - 8 Tonnes of seeds = 2.5 – 2.8 Tonnes  
of Oil Per Hectare -2200 trees = 1Hectare Annual Harvest of 1 tree = 3.5kgs of

Jatropha Seeds. 33% - 37% of Jatropha Oil content.



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## Jatropha Bio Diesel Processing Cycles





## **SOCIAL & ECONOMICAL IMPACT IN THIRD WORLD COUNTRIES**

- Job Creation
- Research & Development
- Uplift The Social Income of the Local People
- Reduction of Carbon Emissions by 8%
- Local Government Tax Relief Schemes



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- Thank You for Your Time and Patience  
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