



































## **Plantation vs Small Outgrower**



## Plantation

- 1. High investment
- 2. Efficient (mechanized)
- 3. High production & profit
- 4. Land owner and labourers
- 5. Vulnerable to Corruption?
- 6. Sustainability concerns?
- 7. Livelihood concerns?
- 8. Easily attracts investments
- 9. High security concerns

## • Out-grower with nuclear

- 1. Low investment
- 2. Can be efficient
- 3. Ownership & equity
- 4. Can be sustainable
- 5. Enhanced livelihoods
- 6. Low security concerns
- 7. Environmentally sound
- 8. Consistent with the objective of agroforestry in ASAL?

|                                      | Jatropha in Mombasa eSD   |  |  |
|--------------------------------------|---|--|--|
|                                      | - Tableton  | <ul> <li>Small scale planting of Jatropha is<br/>already practiced at the Coast.</li> <li>The Jatropha is mainly for<br/>traditional medicine.</li> <li>It is also planted as a live hedge.</li> </ul> |  |
| Jatropha Seedling Nursery at Vipingo |   |  |  |
|                                      |   | Jatropha with young fruits<br>Depending on soil type and how well-cared for, fruit production<br>can begin in 3 - 6 months after planting.   |  |
|                                      | Healthy Jatropha Plant  |  |  |
|                                      |   |  |  |
|                                      | Jatropha leaf attacked by Red Beetles (Diani)   | Jatropha with drying tip   |  |
|                                      | Issues still requiring attention:<br>>Economic viability (feasible land sizes)<br>>Proper care for the plants, and how to protect from diseases<br>>Processing<br>>Development of markets |  |  |





