









Who are Custodian Farmers?

Custodian farmers are those farmers (men and women) who actively maintain, adapt and promote agricultural biodiversity and related knowledge at farm and community levels over an extended period of time, and are recognized by community members for doing so (Sthapit et al., 2013).













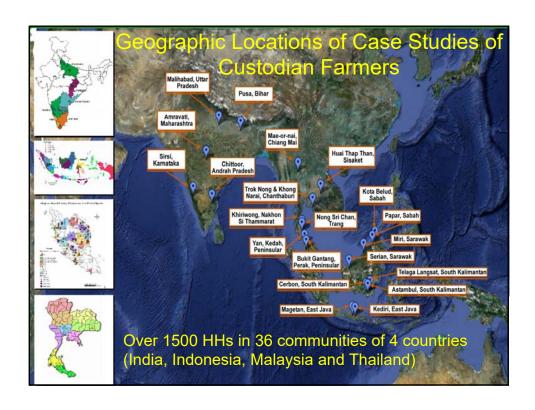
Why is it important to identify?

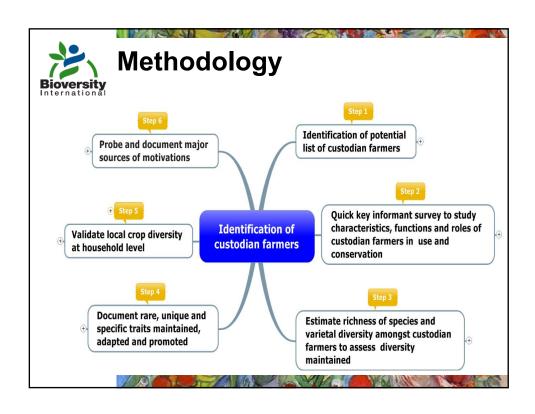
- Safe-guarding of unique and rich crop diversity
- Consolidate research- on-farm conservation
- Promote local innovation and selection
- Strengthen community seed system and exchange
- Effective and efficient low cost approach
- Nodal point to link formal and informal seed sector
- Farmer's rights



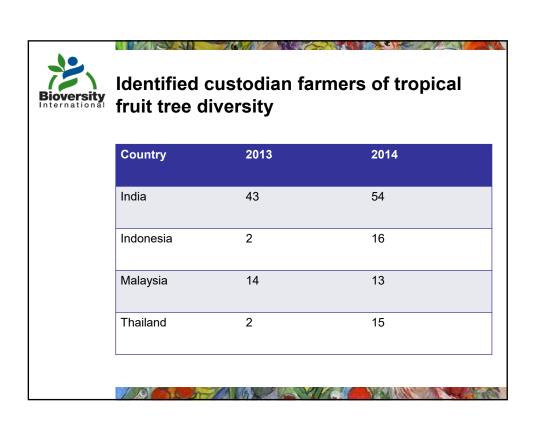






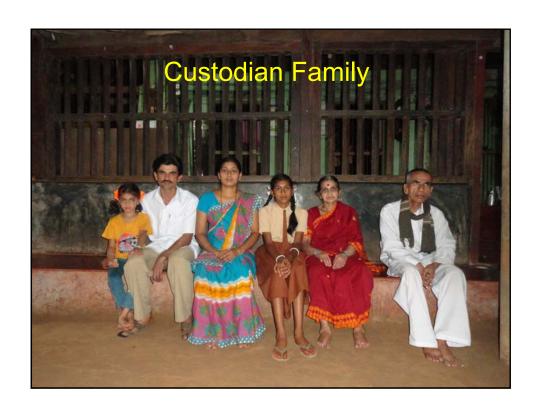


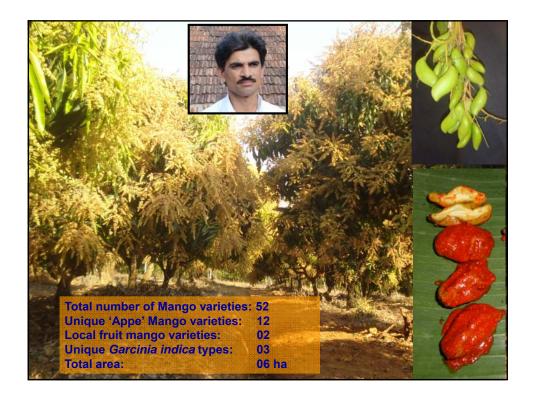


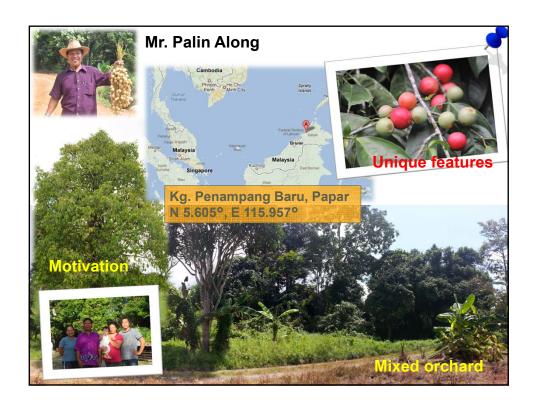










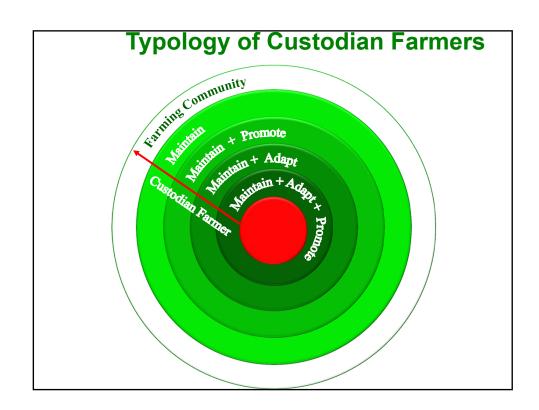






What Drives Custodian Farmers to Persist?

- Personal (driven by passion or sensitivity regarding the need for conserving diversity to future generations; preferences, hobby)
- **Social** (driven by the desire to conserve particularly relevant crops for festivity and food culture)
- **Economic** (driven by the need for safeguarding diversity for economic options of the HH)
- Agro-ecology (driven by the land types and ecosystem)
- Cultural (driven by the awareness regarding the intimate link between genetic and cultural diversity; inherited orchards)

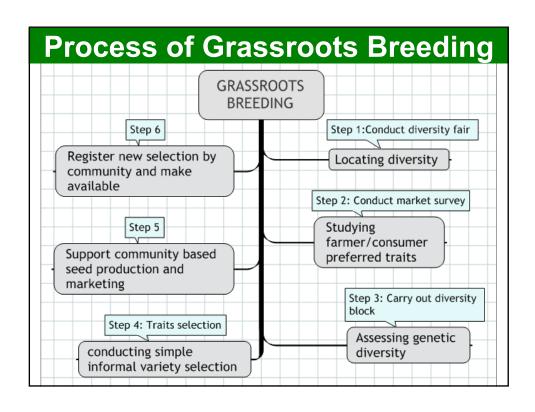


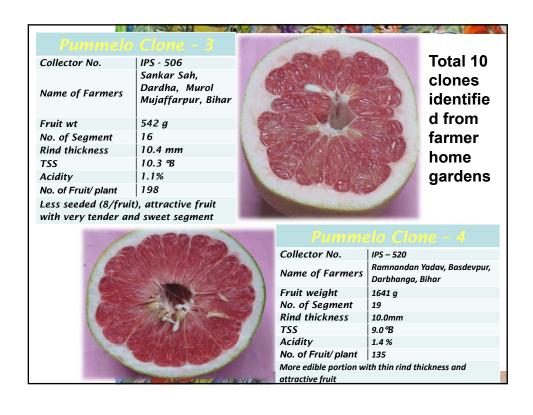
3 LI-BIRD **Custodian Farmer: An Emerging Concept** 1. farmers who maintain Maintain 2. farmers who Diversity maintain and promote 3. farmers who maintain and adapt 4. farmers who Adapt/ maintain, adapt and **Promote Innovate** promote

Three Pillars of On-Farm Conservation **Adapt Diversity Maintain Diversity** Selection: Crops Cultivation of Sharing seed continually adapted to traditional crops and Sharing knowledge local climatic conditions, landraces, rare and Marketing traditional diversity pests, disease, cultural endangered varieties, requirements and Application and transmission of preferences · Varieties introduced and knowledge discontinued New skills and techniques developed to improve performance

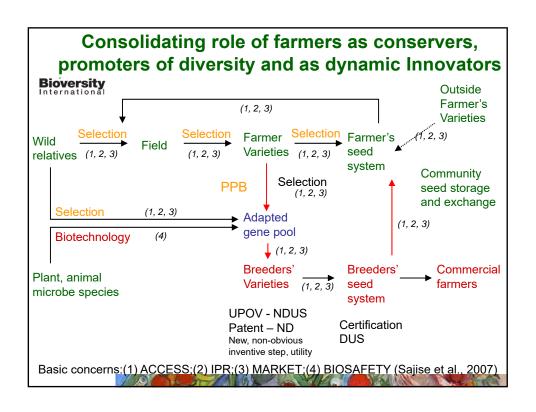
Role	Description	Indicators
Maintain	Richness of species/varieties/ traits	Guardian of at least 1 unique/rare/ special/difficult to propagate
Adapt	Rich ecological knowledge of diversity, heritability and selection	Selection of specific crop, varieties and trait adapted to local conditions; needs; adversity
Promote	High frequency of exchange of seed and associated knowledge	Community members frequently cite source of seed from a particular node
Continuity	Over time ensure land use system that harbor portfolio of species and varieties	Transfer of knowledge and practice to younger generation
	Sets of traits maintained when old varieties are replaced	Ensure alternative options that under threat











Opportunities

- Registration of unique and rare varieties of custodian farmers and contribute to the national list (e.g. 54 mango in India)
- Recognition
- Strengthened capacity of local planting material production and marketing unique/elite varieties
- Consolidate roles for conservation, innovation and promoter by integrating informal network of national PGR system













Key Questions

- How can society continue to motivate such farmers, generation after generation?
- Can custodian farmers contribute to a national conservation strategy?
- How can policy support their roles in use and conservation?



