

Culture & Growing Conditions



**Kaua'i Community
Seed Bank & Library**



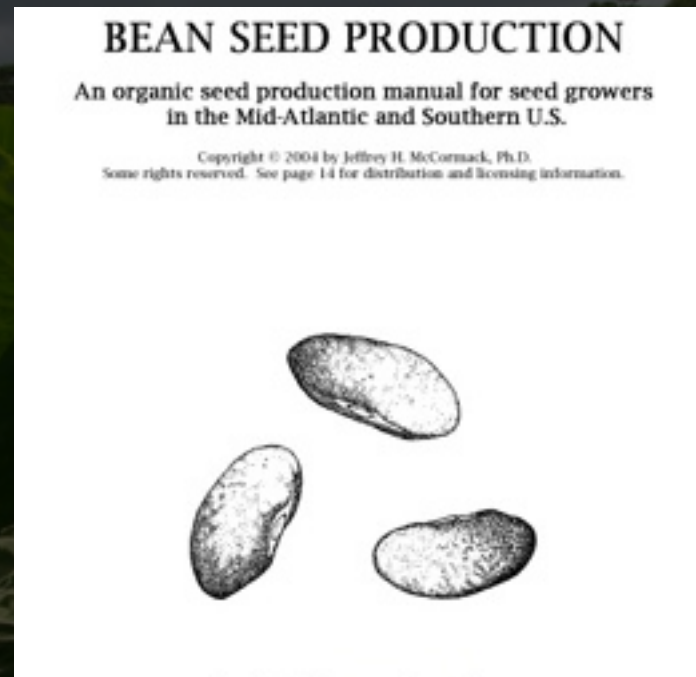
regenerations
botanical garden

KAUA'I COMMUNITY COLLEGE



Culture & Growing Conditions: Initial Research

- Individual crop's environmental preference
- Seasonality
- Sourcing appropriate varieties



Kaua'i Community
Seed Bank & Library



generations
botanical garden

KAUA'I COMMUNITY COLLEGE



Culture & Growing Conditions: Soil

- pH-within proper range for nutrient availability
- Sufficient available nutrients during the cropping cycle
- Good drainage & water/nutrient retention
- Organic matter/compost



Culture & Growing Conditions: Bed Preparation

- Inoculation of soil/seed with beneficial microorganisms
- Raised beds or not...
- Mulch or not...
- Irrigation suited to crop



Culture & Growing Conditions

- Windbreak
- Trellis
- Pest & disease control
- Assisted pollination

