

Cooling fresh produce efficiently

The CoolBot

Build affordable cold storage with just an insulated room, air conditioner and CoolBot

- Reduces the cost of cold storage
- Extends shelf-life of fresh fruits and vegetables to reduce postharvest loss
- Makes cold storage a viable option for farmers and markets



<http://horticulture.ucdavis.edu>

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Maintaining seed quality in tropical climates



Drying beads

Save high-value seeds in airtight containers with reusable drying beads

- Dries seeds to very low moisture contents
- Increases seed germination rates and viability
- Increases farmer incentive to invest in improved cultivars



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Preventing pest damage safely



Pest-Exclusion Nets

Protect crops with affordable, reusable row covers

- Increases yield and vegetable quality
- Improves ambient growing conditions
- Reduces reliance on expensive pesticides
- Uses material made by local mosquito net manufacturers



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