



Organic Germplasm Production

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Field Day at Waimanalo Research Station



Project Title: Germplasm selection and management to optimize vegetable quality and yield in tropical, organic production systems.

Goal: To select and organically produce selected varieties of crops and make them available to organic growers through the UH Seed Lab.



These 7 crops were selected to be grown for organic seed:

- Koba Green Onion
- Anahu Tomato
- Manoa Lettuce
- Hirayama Kai Choy
- Hawaiian Chile Pepper
- Hamasaki Eggplant
- Papaya, Sunrise and Waimanalo X-77



These 5 crops were selected to be grown for vegetative propagules:

- Taro
- Sweet Potato
- Moringa
- Fig
- Breadfruit ('Ulu)



Vegetative propagules available:

- Sweet potato, cuttings of 16 varieties
- ‘Ulu, cuttings/air layers of 7 varieties
- Fig, cuttings of 7 varieties
- Taro, huli of 45 varieties



Challenges

- Finding parent seed material
- Weather
- Pests and diseases
- Living collection



Thank You!

This organic germplasm project was a pilot project funded by the Hawaii Dept. of Agriculture, please help us identify needs by completing our survey.

