

Plant Propagation Techniques

J. Sugano, J. Uyeda, S. Fukuda, T. Radovich and K. Wang University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources

Various Plant Propagation Techniques

- Sexual Reproduction
 - Seeds
 - Heirloom seeds
 - Hybridized seeds
 - Coated vs. non coated
 - Treated vs. untreated
 - Organic vs. non organic
- Asexual Means
 - Bulbs or Tubers
 - Runners
 - Rhizomes or corms
 - Divisions
 - Cuttings
 - Stem, root, leaf, etc.
 - Hormones maybe needed
 - Tissue Culture
 - Air Layering
 - Budding
 - Grafting

Various Potting Media

- Organic and Non Organic Potting Mix
- Example-organic
 - Organic is 2: part peat: 1 part vermiculite with organic fertilizer
 - 2 part vermicompost: 1 part peat
- Example-Non-Organic
 - 1 part peat to 1 part perlite + Osmocote

• Propagation Tools:

