Hawaii Statewide Seed Assessment

SurveyMonkey.com

N= 128 responses

Farm Size in Survey

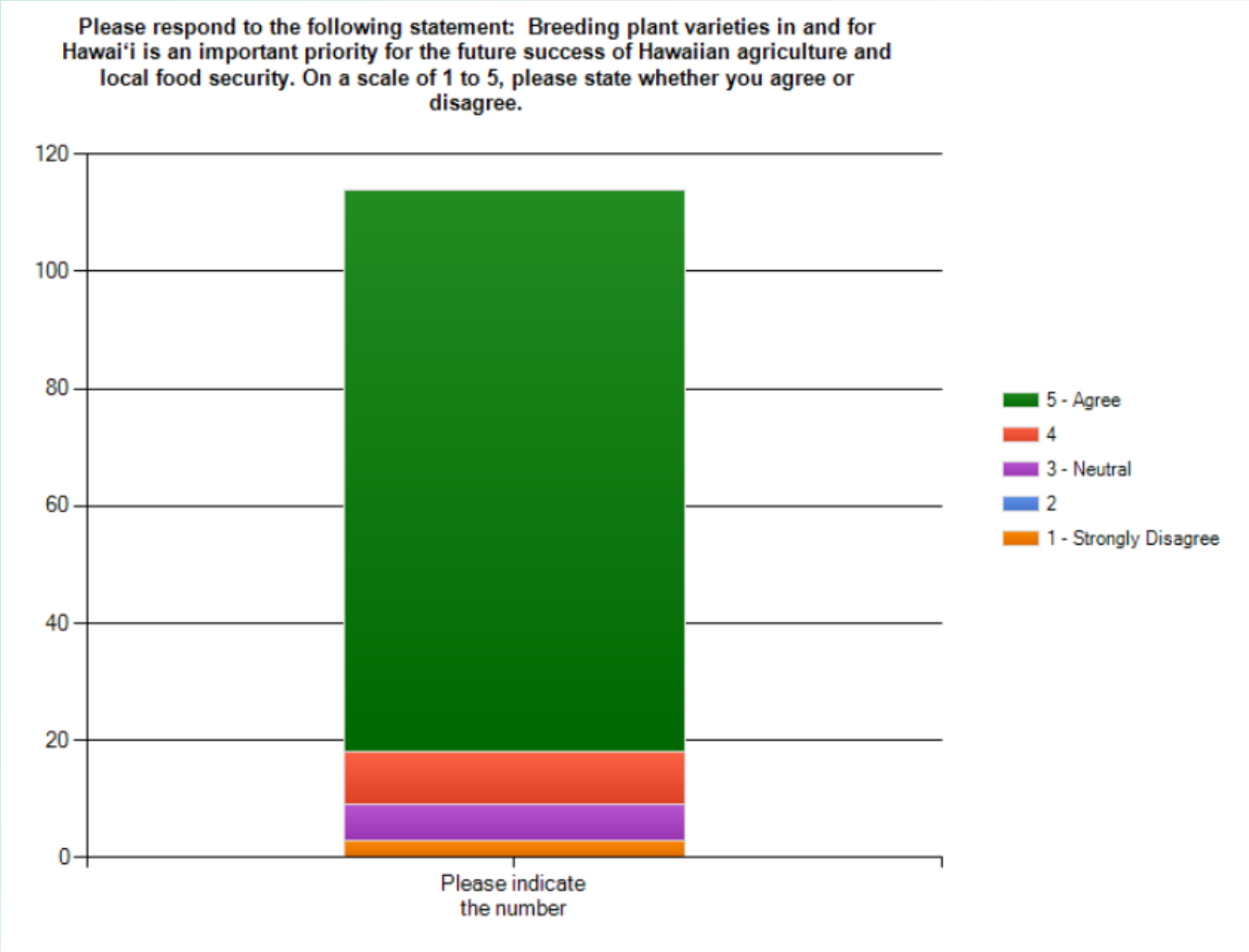
- Range= 0-250 Acres
- Most farms= 1 Acre
- Average size= 10 Acres
- Larger farms= 250, 195, 75, 10-20

Environmental Conditions in Farm

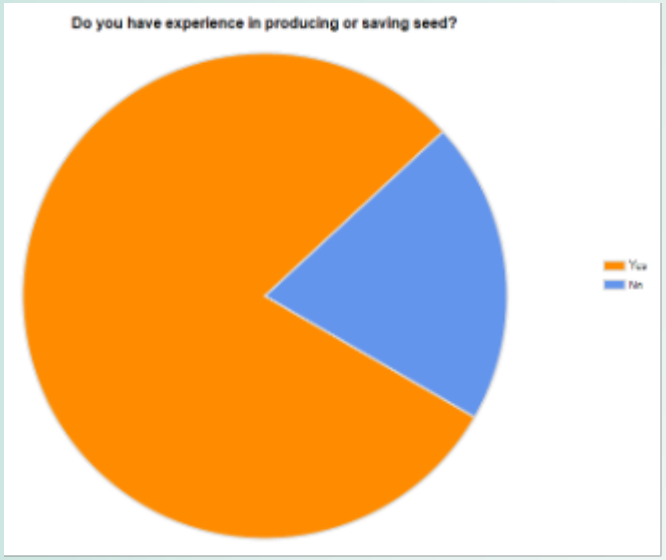
Frequency mentioned

- Rainfall- 9,15, 30.. 100s, 125, up to 180”
- Elevation- sea level, range 200 to 1000s,
  and 1000-3000 ft
- Temperature minimums- 30s to low 80s
- Temp. maximums- low 80s to mid 90s

Breeding in Hawaii important for Food Security?



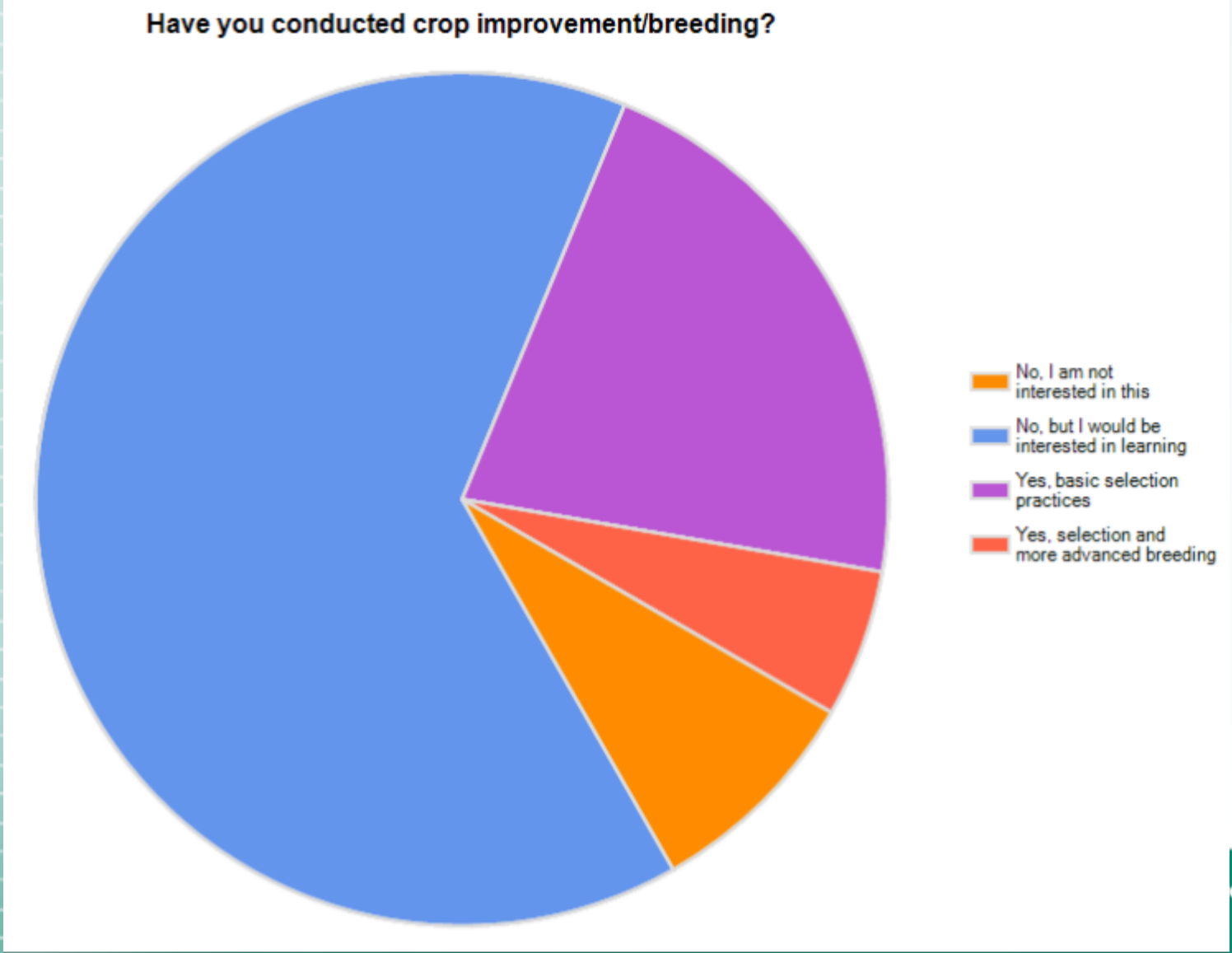
Experience Producing or Saving Seed?



Years of Experience Saving Seed

- Range 1-50 yrs
- Average= 10 years
- median= 5 years
- Less than 3 years= 43%

Have You conducted crop improvement, breeding?



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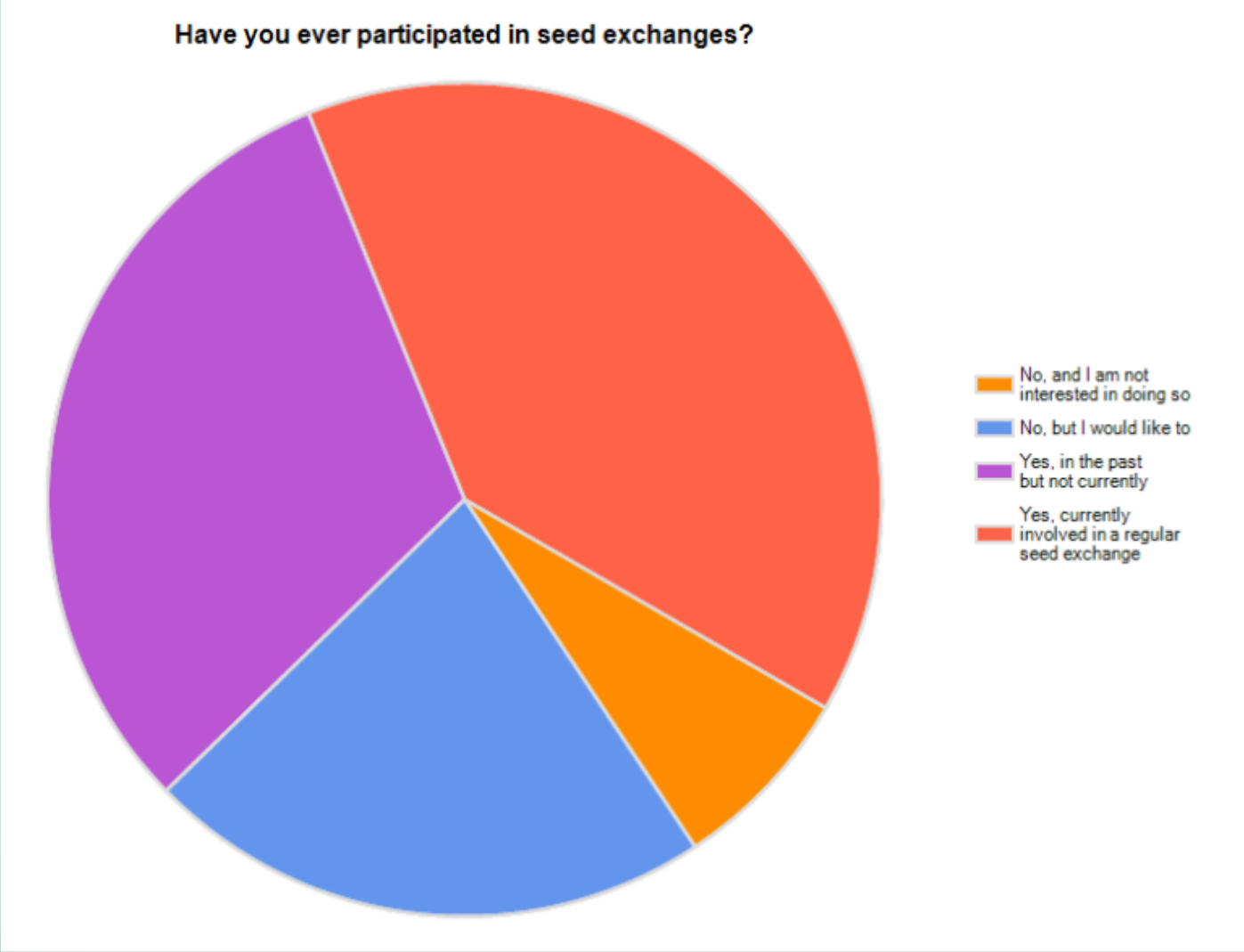
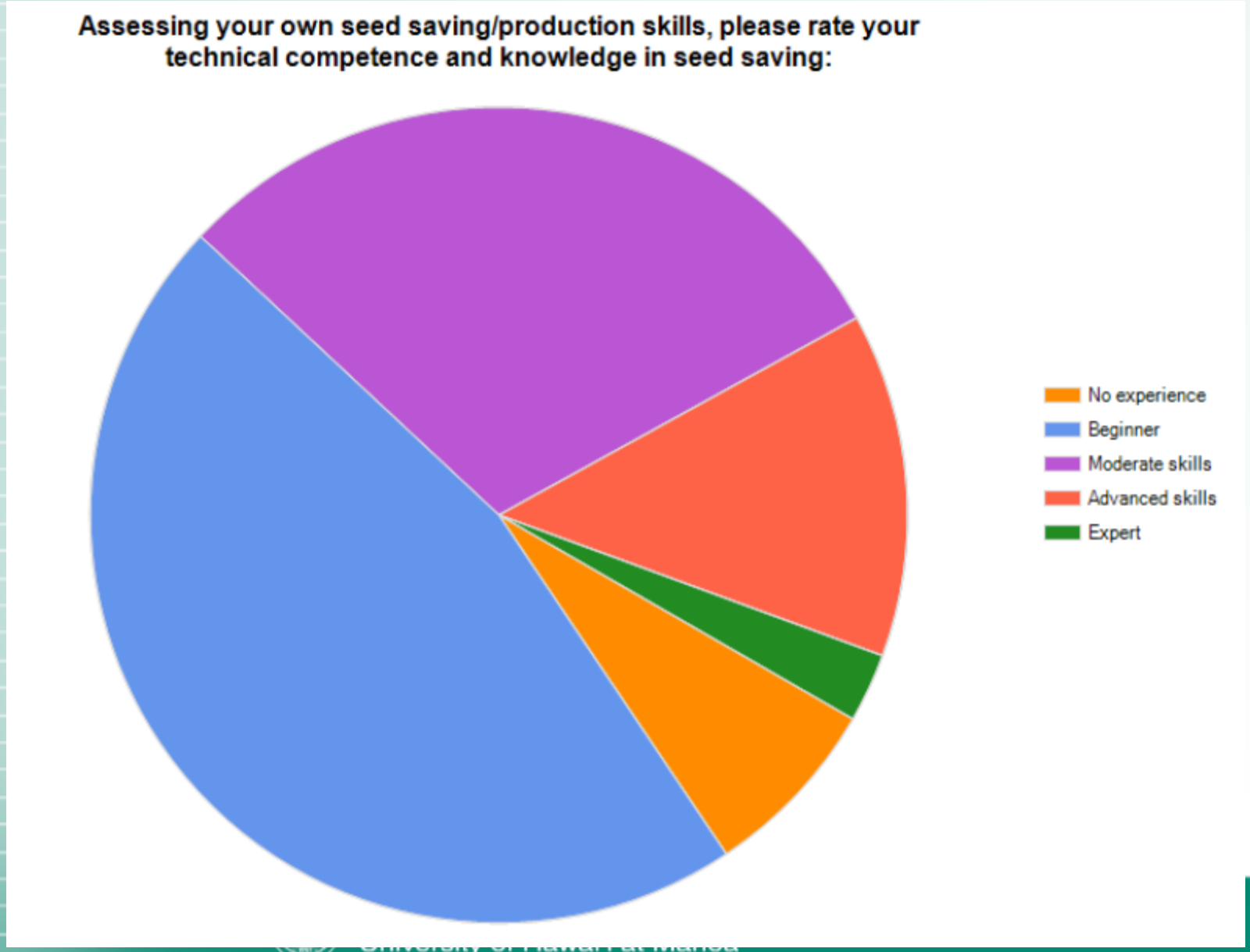
Have you participated in Seed Exchanges?



Seed Saving Skills?



Information Needs on Seed Saving?

- Isolation distance (65%)
- Population size (77%)
- Seed maturity, harvest time (76%)
- Harvest guidelines (51%)
- Processing and storing (58%)
- Roguing guidelines (63%)

Interest on Public Seed Initiative?

List of Top Activities

- Saving Seed, personal use
- Restoring seed of Heritage or traditional Hawaiian Crops
- Seed exchange programs
- Attending advanced Seed Saving Class
- Participating in Variety Trials
- Attending class on crop Improvement

Crops, success in Seed Production

Frequency mentioned

- No. 1. N= 46, beans, brassicas (kale), lettuce, Native, papaya, pumpkin, sweet corn, tomato
- No. 2. N= 45, arugula, basil, beans, cilantro, corn, ginger, herbs, cucurbits, papaya, tomato,
- No. 3. N= 54, basil, beans, dill, edible hibiscus, green onions, lilikoi, maile, potato, sesame, tobacco, flowers

Crops, most difficult for Seed Production

Frequency mentioned

- No. 1. N= 35, awa, basil beans, pepper, broccoli,
onion, carrots, native, corn, cucurbits, lettuce, papaya, lettuce, ornamentals

- Most mentioned overall: arugula, beets, broccoli, cabbage, carrot, chard, corn, kale, lettuce, onions, pepper, cucurbits