Protein Bait Sprays

- Flies need sugars and proteinaceous food to survive and mature
- Protein bait lures are used primarily for monitoring purposes while protein bait sprays are intended for fruit fly control
- There are currently two protein baits sprays commercially available in Hawaii:
  - Nulure®: Used in bait traps or in tank mixes with registered pesticides.
  - GF-120®: A combination of protein bait and spinosad insecticide for ease of use and comparatively very safe to humans

- Neither of the protein baits currently available in Hawaii are labeled as restricted-use chemicals
- GF-120® is designed for low volume and toxicity application. The recommended ratio for GF-120® to water is 1:1.5, not to exceed 1:4 ratio
- Application varies depending on fruit fly species:
  - Melon Fly: Spot spray protein bait in crop boarders, near or on roosting host.
  - Oriental/Med Fly: Spot spray bait in or around approved fruit trees.
- Protein bait works best when applied to the underside of leaves on 7-14 day intervals.