



Kaivin Educational Farms

Kekaha, Island of Kaua'i

Yvette and Lyle Nakahiki



The Nakaahiki's

- DHHL Beneficiaries
- Children- Kaipo, Keith and Kepa
- 10 years of Goat Farming





Educational Program

- Farming to teach skills
- DHS-Division of Vocational Rehab
- Help children and people with disabilities
- Approximately 100 kids for school credits



Mission Statement:

- Kaivin Farms was designed so developmentally disabled people can perform meaningful work, contribute, gain self-worth and confidence, while allowing social interaction.



Where To Start First for Addressing Wildfire Hazard?

As Determined by Kaua'i Participants at Workshop Held February 21, 2019 in Lihu'e

Collective Areas of Concern Collaborative Mapping Process

1. First, Collaborative Action Planning Workshop participants identified and drew areas that contain "Values at Risk" on a map of Kaua'i.
2. Next participants identified areas where there are *hazardous fire conditions* due to fuel load, fire weather, and a history of ignitions.
3. Once all of these areas were drawn on the map, each participant was asked to use stickers to identify their priorities for where to start first for hazard reduction activities.

This process generated the heat map to the right.

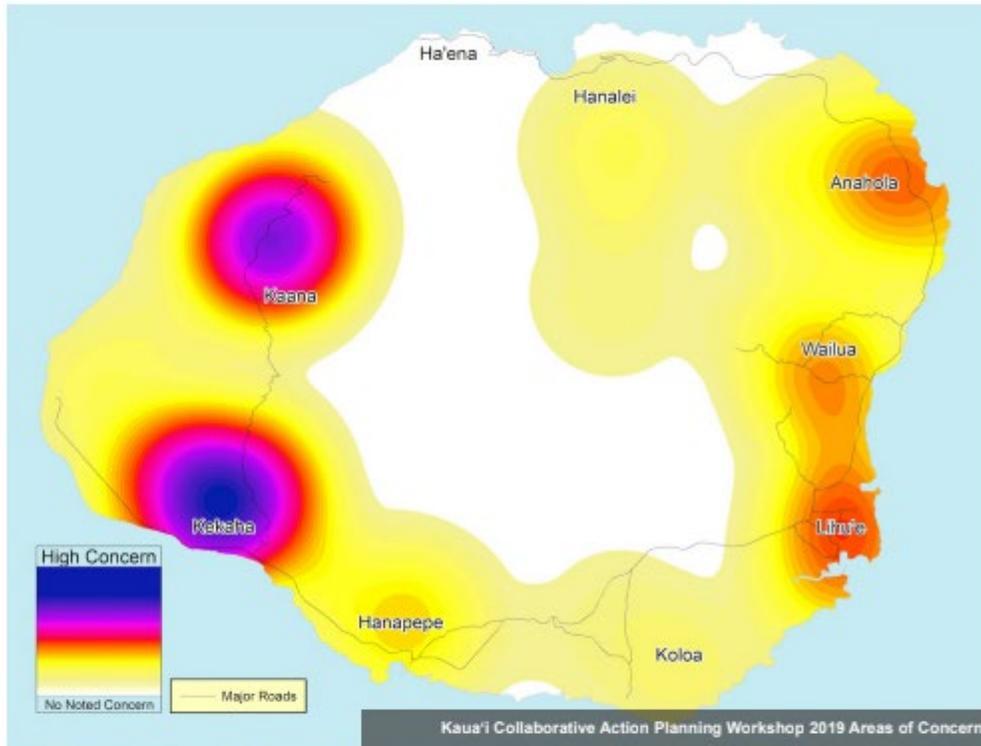
Collaborative Prioritization Process

1. Participants discussed their concerns related to priority areas and brainstormed possible solutions/ actions.
2. After discussing next step actions and solutions, participants voted on their priority actions.

The following *Kaua'i Priorities* are summaries of priority actions voted on by workshop participants.

Achievability of priorities was not evaluated and any specific planning effort should include additional place-based input and best practices.

All concerns, proposed actions, and number of votes can be found in *Appendix A: Participant Input Lists*.



Values at Risk is fire jargon for the things that matter to us, resources or areas that we want to protect from wildfire. These include:

- **Community areas** e.g. homes, hospitals, schools, parks
- **Municipal infrastructure** e.g. roads, power, water
- **Natural resource areas** e.g. watersheds, makai reefs, water resources, species and ecosystems
- **Cultural resources** e.g. places of cultural heritage, substance gathering areas, significant ecosystems, water resources, soil resources, makai reefs
- **Livelihood areas** e.g. tourism, businesses, agricultural lands (grazing lands/ forestry, farming)

Kauai Fire Dept Priority Areas

- Grazing to reduce flammable vegetation
- Land Stewardship
- Fire break roads
- Security from illegal dumping

Wildfire Hazard Mitigation Strategies: **FUELS REDUCTION**

Kaua'i Snapshot 2018-19: Acres of Active Fuels Reduction



On Kaua'i, roughly 21,000 acres of fuels reduction were mapped, the bulk of which are likely working ranch lands.

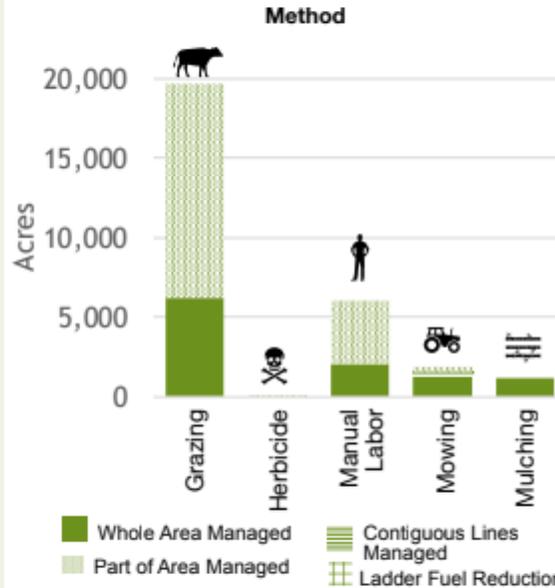
Maintenance Frequency of Reported Fuel Reduction

Maintained Multiple Times Per Year
100%

All areas are *maintained multiple times per year.*

Self-reported maintenance frequency by mapping contributors.

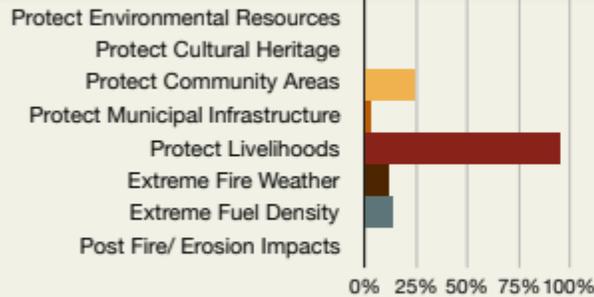
How Are Kaua'i Land Stewards Reducing Fuel?



In some instances multiple methods are used to manage the same area.

Grazing makes up the greatest proportion of fuels reduction mapped. Most of the area reported is only partly managed but even so, a patchwork of reduced fuel can significantly slow the spread of wildfire across a landscape.

Reasons for Acres of Fuels Reduction on Kaua'i



Most of these areas are managed to *protect the livelihoods.*

Percentage of total acres of fuel reduction on Kaua'i maintained for each reason. In several instances, multiple reasons were reported for managing the same areas.

KEFP Goats Helps by:

- Least toxic form of weed management
- Removing fuels on hills and down gullies
- Reduce need for heavy machinery
- Save time and manual labor

Proposed area: Approximately 110 acres

