

HerdManager: Best Practices

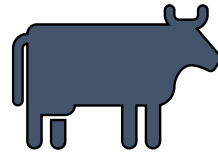


Breakdown



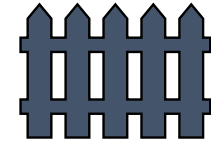
Why we organize.

Make the most out of your investment



Herd organization

Virtual and Storage Herds
Practices for Organization

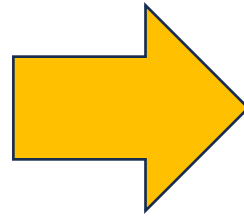


Fence Organization

Folder Systems
Explanations and tips for uploading fencing

Why we organize.

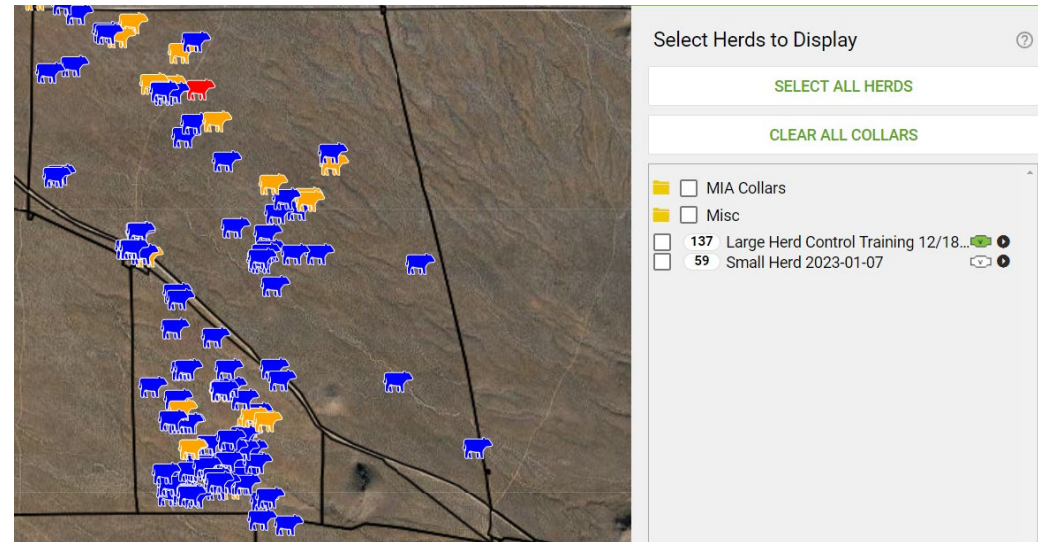
- Depending on costs, **return on investment** is contingent on immediate implementation.
- Desire to see the benefits of VF on grazing management



- 1. Focusing** on animals we can actively manage
2. Immediately **identify and locate** missing collars
- 3. Remove obstacles** limiting VF use in a ranching operation

Preface for organizing your herd

- Herdmanager organizes virtual herds by collar not the animal
- Organizing collars with specific animals requires separate documentation



- Eartags, EIDs, Breed, etc.
 - Organization is based on collars but may change with improvements with herdmanager

cattle id	Ear tag	Breed	EID	device eui	status
bdfd7c53-07c3-4d30-ba0a-13d6ee91450c	101			00007cf2dd1fd4d0	ACTIVE
7dc75696-4f78-43a3-affe-ab952b91557b	1033			00007cf2dd1feacd	ACTIVE
2635cd5b-ed2d-4ac3-90b8-c6cbb9ed7455	1041			00007cf2dd1fe906	ACTIVE

Managing collar changes to a herd.

Updating Eartags and EIDs after the initial upload requires manual changes per collar.

This is difficult to manage with out external documentation animals related info.

Edit 101

CANCEL SAVE ?

Ear Tag
101

Electronic ID
NA

Regulatory ID

Personal Number

Brand

Collar
00007cf2dd1fd4d0 ✕

Created ↑	Type	Alert	Herd
01/08/2023, 22:04:21	No Movement	The collar 00007cf2dd1ffab4 does not appear to have moved in 24 hours	Large Herd Control Training 12/18/2022
01/08/2023, 21:19:55	Critical Battery	Collar 00007cf2dd2017f8 has a critically low battery. Sound and shock have been dis...	Large Herd Control Training 12/18/2022
31/07/2023, 19:17:41	Low Battery	Collar 00007cf2dd2017f8 has a low battery.	Large Herd Control Training 12/18/2022
30/07/2023, 19:16:41	Critical Battery	Collar 00007cf2dd201b34 has a critically low battery. Sound and shock have been di...	Large Herd Control Training 12/18/2022
26/07/2023, 14:13:18	Shock Disabled	Collar 00007cf2dd203295 has automatically updated. Sound and shock have been di...	Large Herd Control Training 12/18/2022
25/07/2023, 08:42:32	Critical Battery	Collar 00007cf2dd203295 has a critically low battery. Sound and shock have been di...	Large Herd Control Training 12/18/2022

How do we know what's going on with collars?

- Updates on collar state and changes to that state are transmitted from collars
- No Movement alerts are not always reliable

Organizing herds

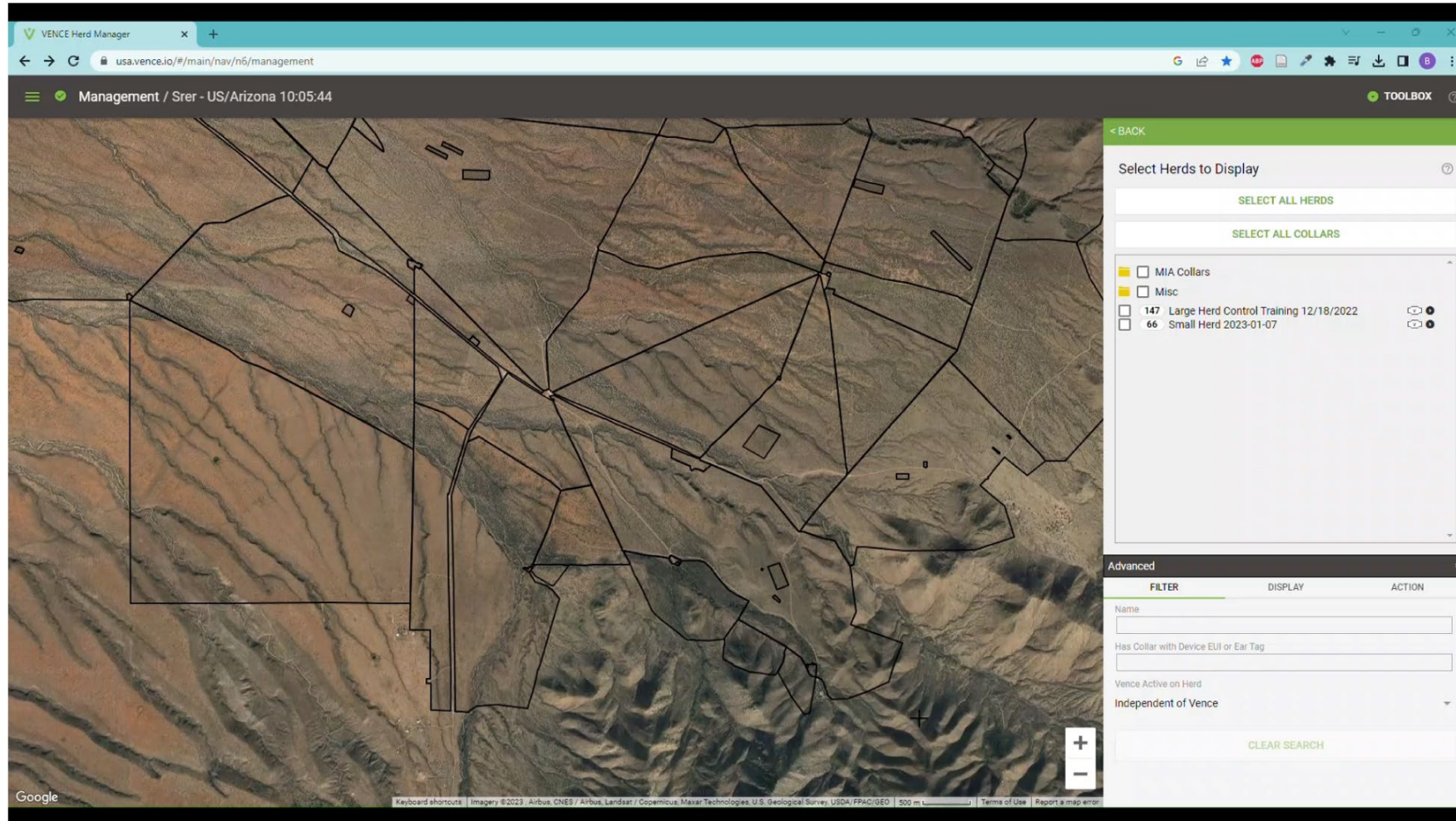
- Unavoidable circumstances

- Batteries on collars will run out
- Collars will fall off animals
- Collars can malfunction

- You need to plan and account for these changes by storing collars into unique virtual storage herds

<input type="checkbox"/>	<input type="checkbox"/>	MIA Collars		
<input type="checkbox"/>	175	LH Dead Batteries	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	104	LH No Movements	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	26	SH Dead Batteries	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	70	SH No Movements	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Misc		
<input type="checkbox"/>	8	z. GPS Test Herd	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	317	z. Removed Collars	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	140	Large Herd Control Training 12/18/2022	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	60	Small Herd 2023-01-07	<input type="checkbox"/>	<input type="checkbox"/>

Tips for organization: Dead Batteries and No Movements

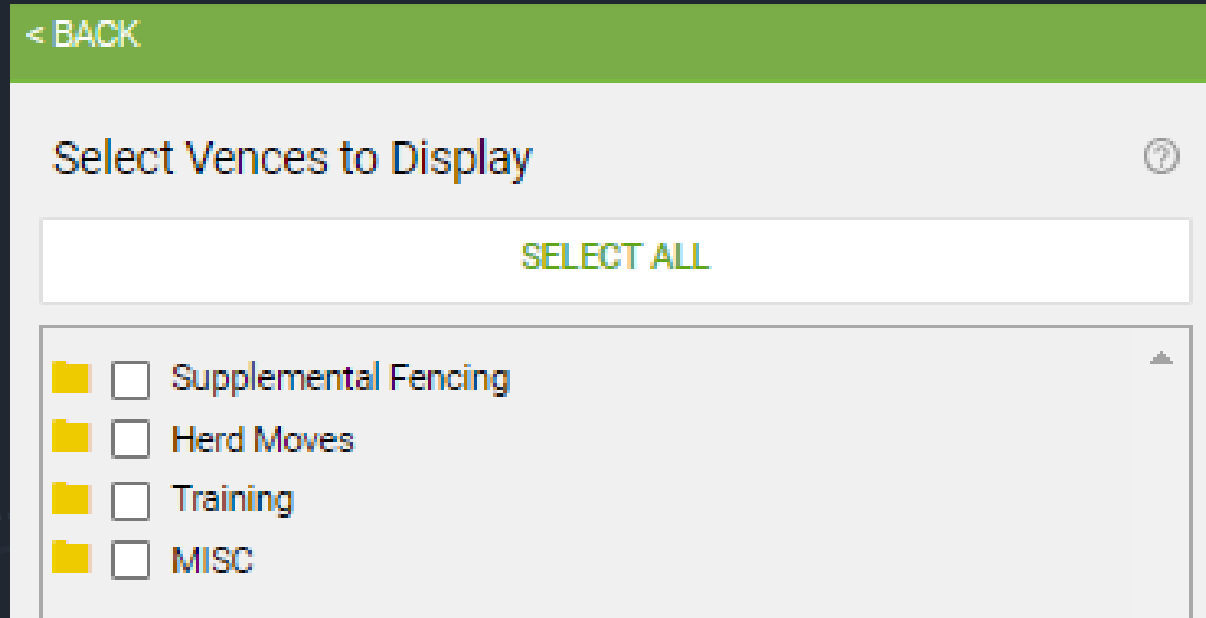




Tips For Organization: Broken Collars

- Collars can malfunction due to water damage, wear, or old age.
- Keeping track of these allows you to request replacements and keep unassigned collars separate.

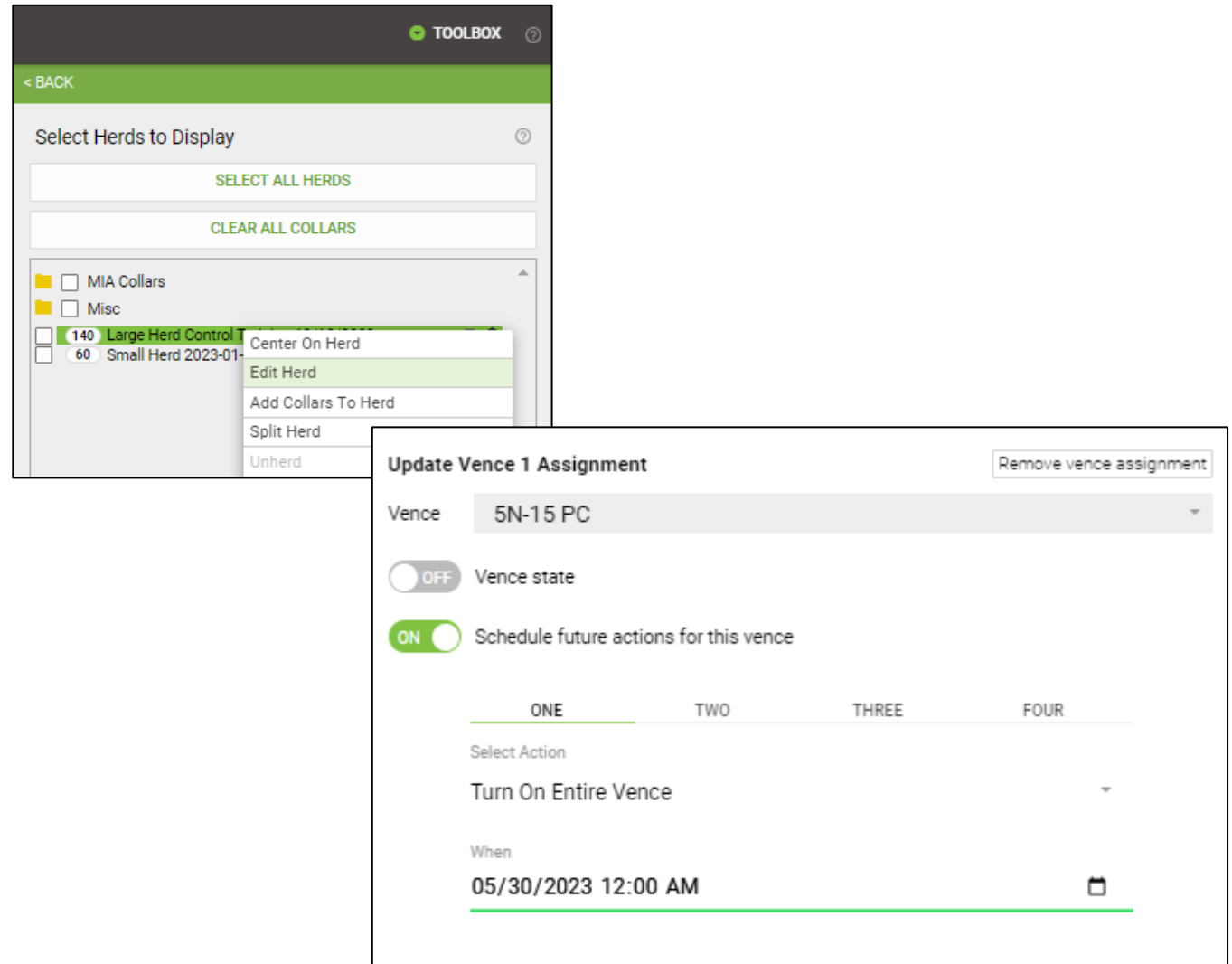
Fence Organization: Why?



- Organizing fencing allow for quick virtual fence assignment.
- Fences can be organized by pasture and by how they're used.

How: In Practice

- Every update to a virtual herd requires time.
- Larger the herd longer the period of time.
- Goal: Shorten the number of updates to streamline use



The University of Arizona

Virtual Fence Program

Supported by



THE UNIVERSITY OF ARIZONA
Cooperative Extension
Livestock Extension



COLLEGE OF AGRICULTURE & LIFE SCIENCES
**Natural Resources
& the Environment**

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This material is based upon work that is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, under award number 2021-38640-34695 through the Western Sustainable Agriculture Research and Education program under project number WPDP22-016. USDA is an equal opportunity employer and service provider. Any opinions, findings, conclusions, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the U.S. Department of Agriculture.

This work is supported by the AFRI Foundational and Applied Science Program: Inter-Disciplinary Engagement in Animal Systems (IDEAS) [award no. 2022-10726] from the USDA National Institute of Food and Agriculture.

Additional funding was provided by Arizona Experiment Station, the Marley Endowment for Sustainable Rangeland Stewardship, and Arizona Cooperative Extension.

