

Agricultural Stewardship Program Update



4/13/2022

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MASTER PLAN STRATEGIES

(CHECK ALL THAT APPLY)

- EHR.1

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Preserve and restore important habitat blocks and corridors
- EHR.2

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Update and continue implementing system plans guiding ecosystem management
- EHR.3

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Address the global climate crisis here and now
- ATT.1

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Reduce maintenance backlog for agriculture and water infrastructure
- ATT.2

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Increase soil health and resilience
- ATT.3

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Address conflicts between agriculture and prairie dogs
- RRSE.1

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Assess and manage increasing visitation
- RRSE.2

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Reduce trail maintenance backlog
- CCEI.1

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Welcome diverse backgrounds and abilities
- CCEI.2

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Enhance communications with visitors

- EHR.4

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Reduce undesignated trails
- EHR.5

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Extend on-trail requirements
- EHR.6

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Control invasive species
- EHR.7

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Develop a learning laboratory approach to conservation
- ATT.4

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Protect water resources in a warmer future
- ATT.5

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Encourage diverse and innovative agricultural operations
- RRSE.3

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Update guidelines and standards for quality trail design and construction
- RRSE.4

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Encourage multimodal access to trailheads
- RRSE.5

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Manage passive recreation activities requiring a permit
- CCEI.3

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Connect youth to the outdoors
- CCEI.4

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Support city-wide engagement with federally recognized American Indian Tribes and Indigenous Peoples

- EHR.8

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Reduce impacts from noise, light and nearby land uses
- EHR.9

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Reduce and offset OSMP greenhouse gas emissions
- ATT.6

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Support the success of ranchers and farmers
- ATT.7

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Integrate native ecosystems and agriculture
- ATT.8

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Further reduce or eliminate pesticide use
- ATT.9

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Enhance enjoyment and protection of working landscapes
- RRSE.6

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Support a range of passive recreation experiences
- RRSE.7

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Build new trails as guided by past and future plans
- RRSE.8

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Provide welcoming and inspiring visitor facilities and services
- RRSE.9

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Develop a learning laboratory approach to recreation
- CCEI.5

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Foster wellness through immersion in the outdoors
- CCEI.6

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Inspire environmental literacy and new involvement in OSMP
- CCEI.7

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Cultivate leaders in stewardship
- CCEI.8

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Heighten community understanding of land management efforts
- CCEI.9

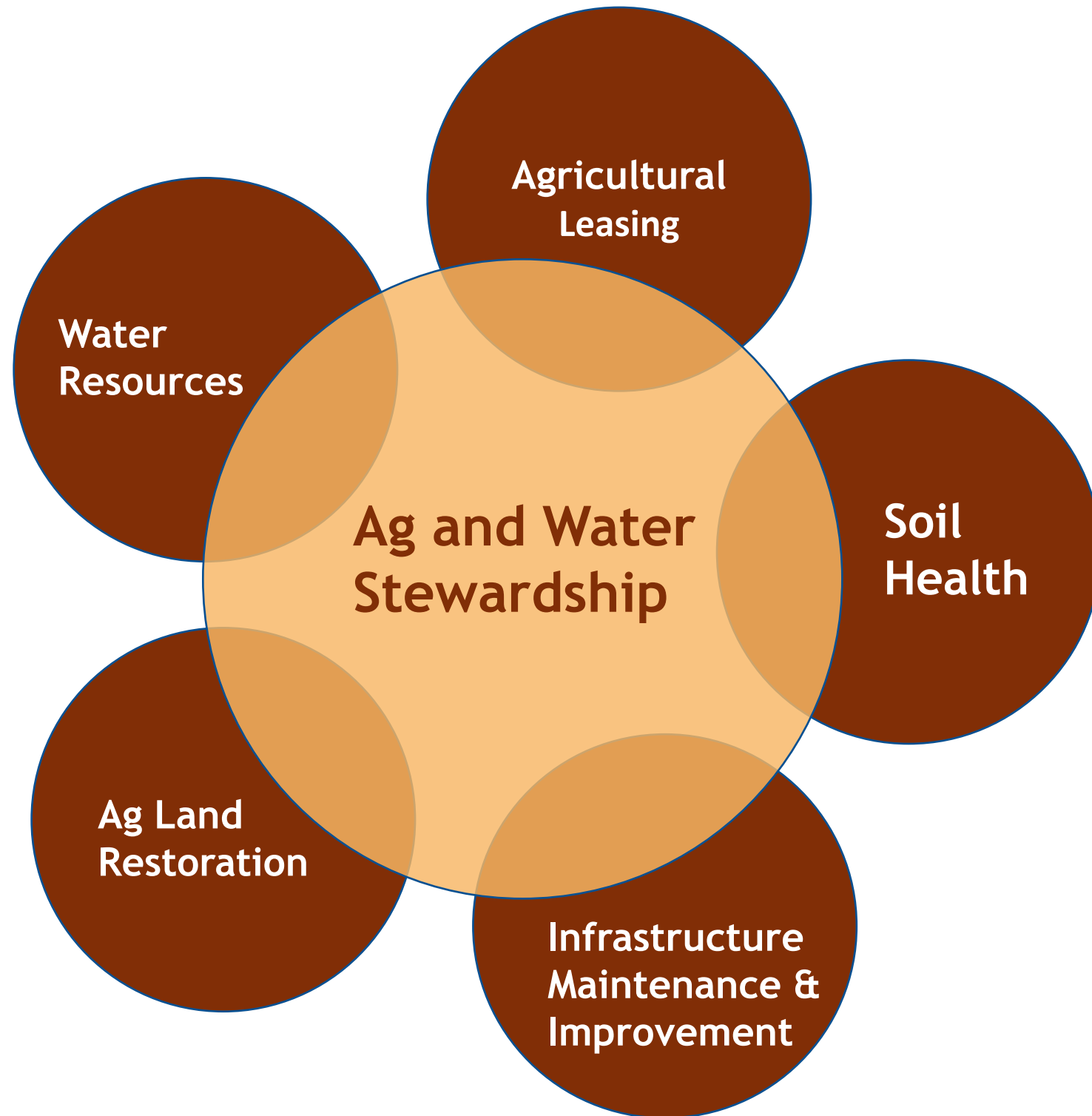
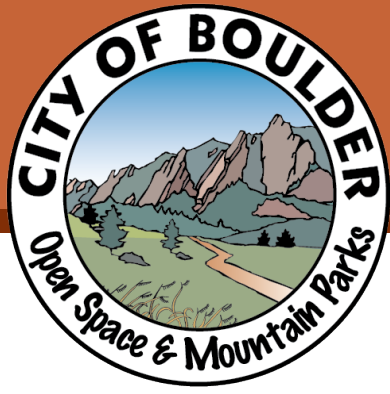
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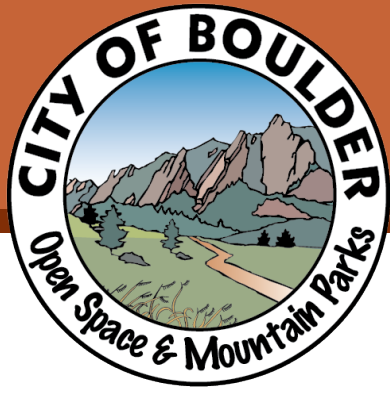
Preserve and protect Boulder’s cultural heritage

TIER 1

TIER 2

TIER 3





Agricultural leasing program

15,992 leased acres

28 agricultural lessees

13 residential units

Predominant agricultural uses:

Livestock grazing

Hay / forage production

Annual grain production

Grass based dairy / meat production

Vegetables / herbs



Agricultural Lease Revenue

\$165,375

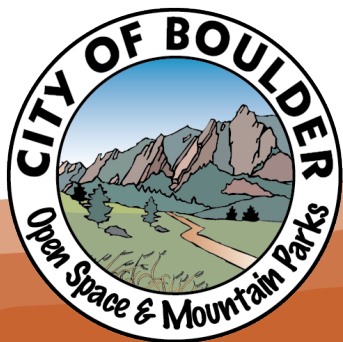
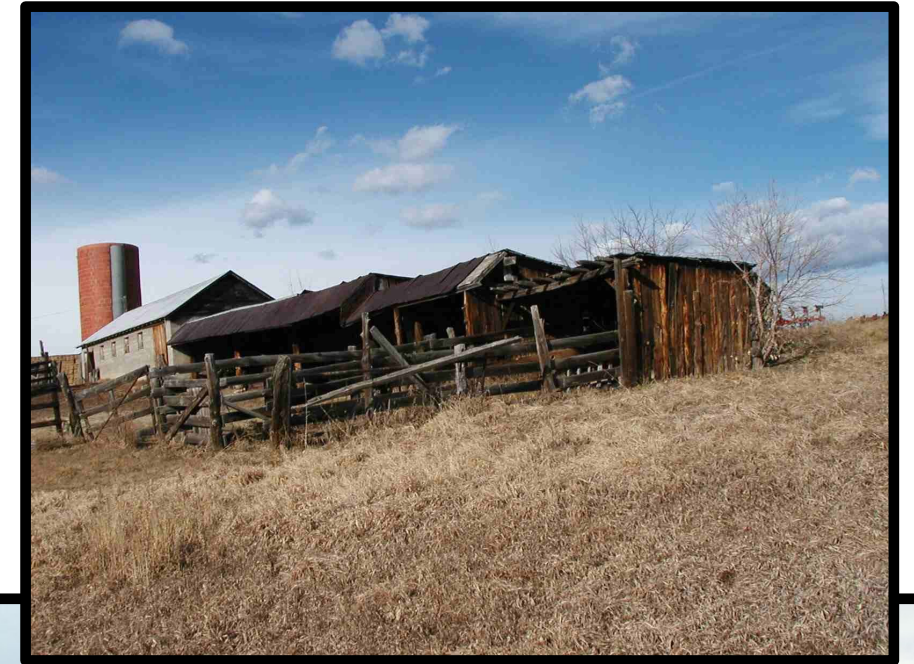
\$172,363

\$199,533

2016

2020

2021



Farm Site Improvements

5 active improvement sites

Hunter Kolb / Lightroot Comm. Farm

Hartnagle / Esoterra Culinary, LLC

Fort Chambers Poor Farm / 63rd St. Farm

Lewis / Jacob Springs Farm

ERTL / S&P LLC

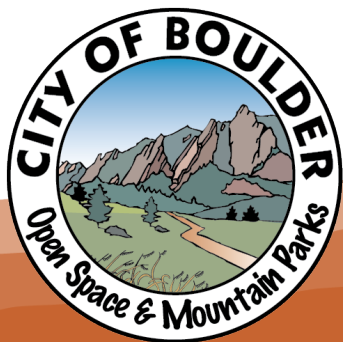
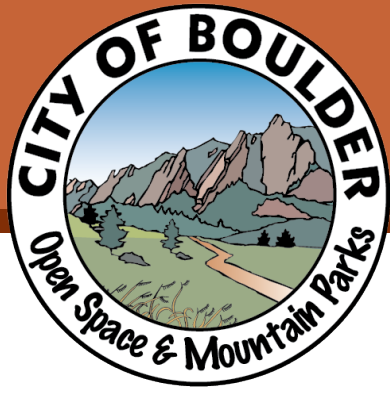


Photo credits: Light Root Community Farm



Ecological Integration and Agricultural Sustainability

Stewardship Planning

8 completed plans

9 in draft form / under staff review

Hayfield Bobolinks

275 acres Class A fields

340 acres Class B fields

Nesting Raptors

2 bald eagle

1 golden eagle

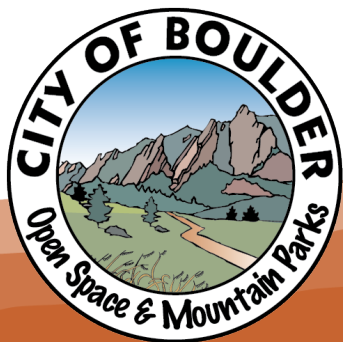
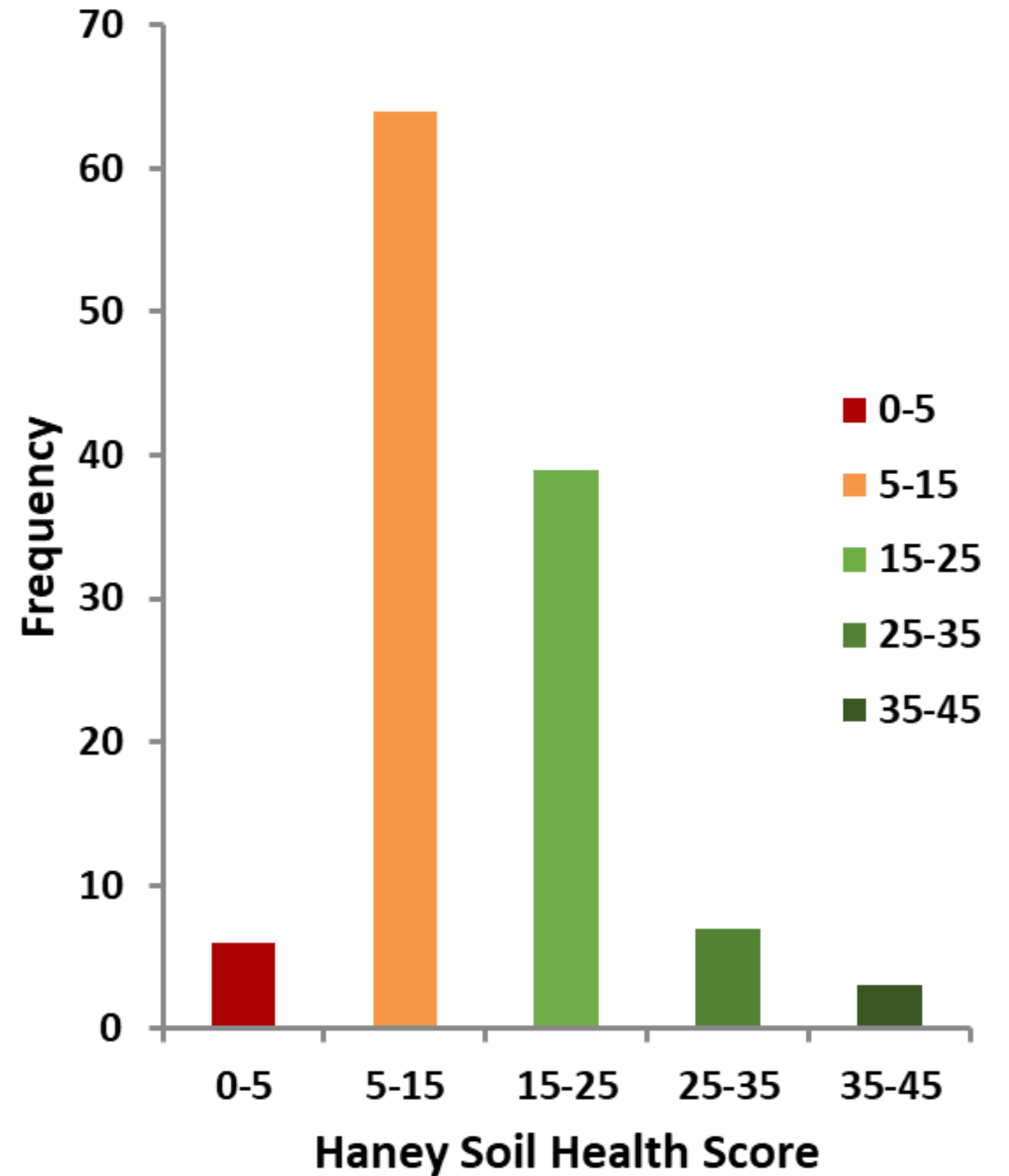
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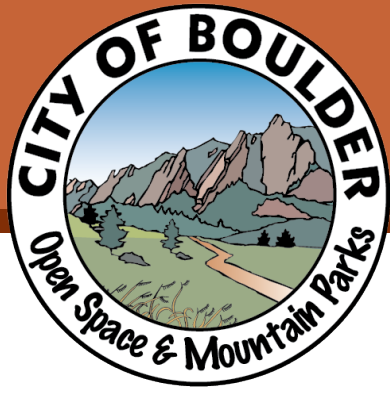


Soil Health

Baseline Soil Health Assessment

- Sampled 126 sites on irrigated agricultural fields. 5-year sampling interval.
- Individual grower reports were prepared and shared with lessees to provide interpretation of the lab results
- Seeking opportunities to cooperate with lessees on soil health improvement practices
- Sponsor, plan and participate in annual Soil Revolution Conference





Agricultural Land Restoration

Unleased Agricultural Land

Active management to improve conditions
Restoration activities

Prairie Dog Removal Sites

140 acres in 2021

160 acres in 2022

Ecosystem Services

Increase diversity / resiliency

Improve soil health

Pollinator habitat

