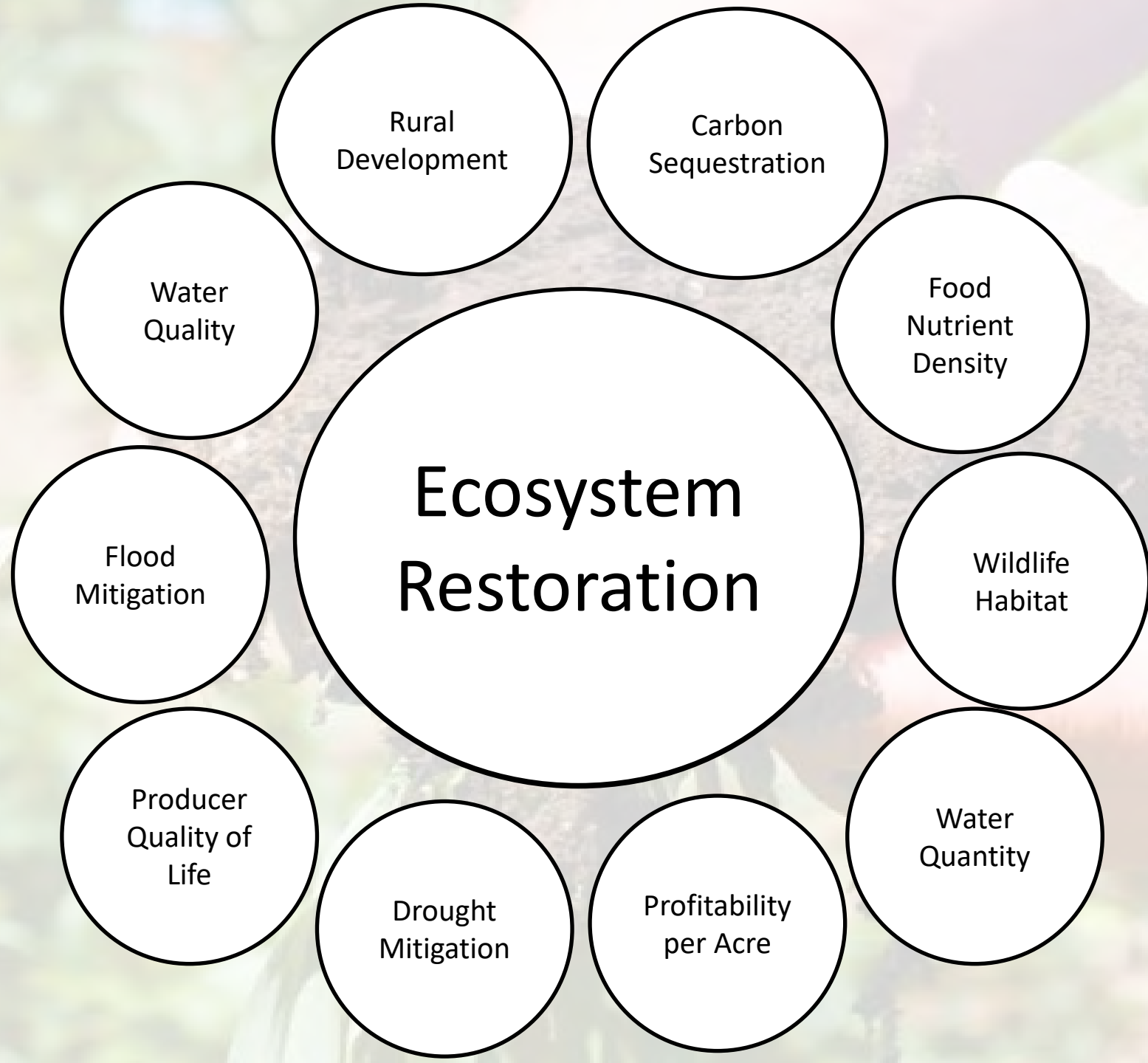




Clean Water State Revolving Fund for Agricultural Conservation in Kansas

Amanda Reed
EPA Region 7

CWSRF for Agricultural Conservation Webinar
April 28, 2022



Rural
Development

Carbon
Sequestration

Food
Nutrient
Density

Wildlife
Habitat

Water
Quantity

Profitability
per Acre

Drought
Mitigation

Producer
Quality of
Life

Flood
Mitigation

Water
Quality

**Ecosystem
Restoration**

NPS Tool Box



The Question Became:

How can we?

Build relationships with Agricultural Service Providers?



Global Food & Ag Companies



Partner with Implement Manufacturers?



Ecosystem Services







Kansas CWSRF Loan



- Local Municipality
 - \$3.5M
 - GPR
 - Principal Forgiveness
 - Sole source bid award
- Glacial Hills RC&D
 - Go between for Municipality and KDHE
 - Managing Contracts with Local Retailers

Retailer Agreements

A close-up photograph of a person's hand holding a large amount of dark, rich soil. The soil is piled high and appears moist and fertile. The background is a soft-focus green field, suggesting an agricultural setting. The overall image conveys a sense of care and attention to soil health.

- Recruitment
- 5,000 Acres in targeted areas – minimum
- Provide Operators
- Soil Health Education for Operators
- Customize seed mixes for each producer
- Charge Reasonable seeding rate

Load Reductions

- Interseeders are required to plant at least 10,000 acres of cover crop each year.
- 5,000 in targeted areas, remaining 5,000 in watershed as whole.

156,000
Pounds of
Nitrogen

78,160 Pounds
of Phosphorus

53,440 tons of
Sediment

Progress and Adjustments

- 8 machines ordered from John Deere in February 2020
 - 7 machines placed with retailers by July 1, 2020
 - 1 machine used as a demonstration
- Most had overwhelming positive response but had limited success hitting targets
- Some machines will be rehoused with different retailers or with independent custom planters in the future

A close-up photograph of a person's hands holding a large amount of dark, rich soil. The soil is piled high in the palms, and a small insect is visible on the left side. In the background, a sunflower is visible, and the overall scene is outdoors with green foliage.

Thank You!

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