



# Spokane County Conservation District

**Bringing People and Resources Together** 

## SRF Loan Program - History

- Program started in 1995 with a \$100,000 loan from DOE
- Program to Date Loaned out more than \$18 Million on 395 contracts
  - Average of \$45,500/loan





## SRF Loan Program - History

- Impacted over 500,000 acres
- Investment of \$36/acre
  - Money is paid back with Interest!





## How the Program Started...

- Development of a relationship with State and Federal Regulatory Agencies (Region 10 EPA & the Department of Ecology in WA.)
- Became educated on the SRF program and potential uses of the fund





### How the Program Started...

- Outlined a program that would work for producers in our region and presented it to DOE.
- Continue to apply for funds today through a competitive application process.





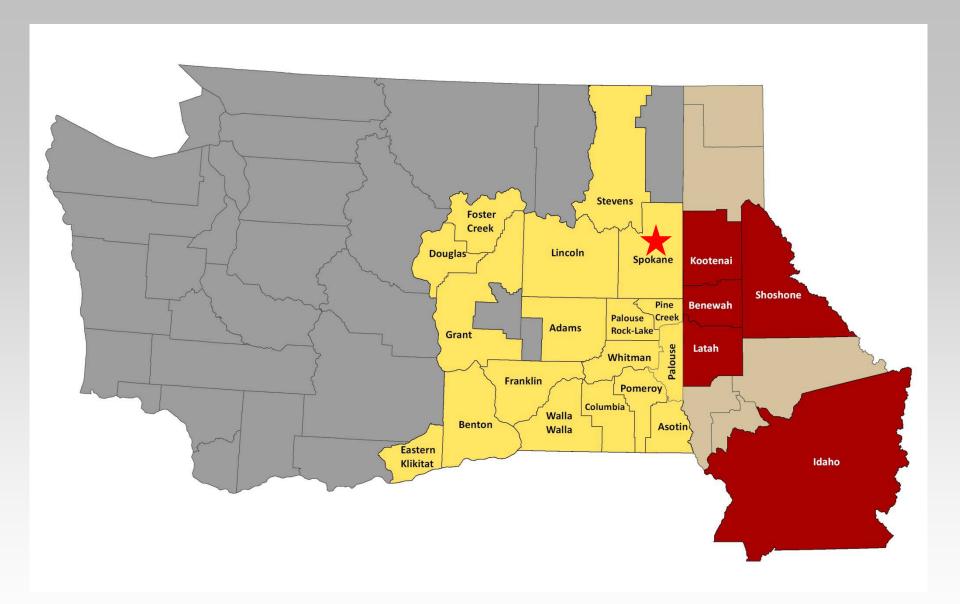
# SRF Program Overview

CD Partners: Spokane, Palouse, Palouse-Rock Lake, Pine Creek, Whitman, Asotin, Columbia, Adams, Walla Walla, Pomeroy, Lincoln, Grant, Franklin, Stevens, Benton, South Douglas, Foster Creek, and Eastern Klickitat Conservation Districts.

Four additional Counties in North Idaho: Benewah, Kootenai-Shoshone, Latah, and Idaho SWCDs.









- Eligible Purchases include:
  - Implements which aid in the direct placement of seed and/or fertilizer in one or two passes (No-till and Minimum tillage drills, air drills, fertilizer placement implements, sprayers, and power units).





- Eligible Purchases include:
  - Implements that aid in the removal or management of residue (Heavy harrows, mowers/shredders, swathers, balers and bale handling equipment).







# Potential Impacts of a \$5 Million SRF loan program:

Average Loan amount of \$75,000 = 67 Loans
Average Farm Size = 3,000 Acres
Total Acres Impacted = 201,000 Acres



#### Impacts Continued:

201,000 Acres @ \$14/acre savings = \$2,814,000/year

Over the 10-year life of the equipment = \$28,140,000

Initial \$5 Million investment is paid back over 20 years @ 2.6% interest = \$6,405,000 back to DOE.

Return on the funds of nearly 440% over the life of the asset.

#### **Environmental Impacts:**

Reduce erosion rates from 14 tons/acre to 3 tons/acre.

On 201,000 acres @ 11 tons/acre reduction = 2,211,000 tons of soil erosion averted per year.

Phosphorus Savings - Hangman Creek Watershed Phosphorus Study showed 1.4 lbs/ton of soil erosion.

2,211,000 tons of soil @ 1.4 lbs/ton = 3,095,000 lbs of Phosphorus saved per year.



# Custom Seed Operation financed using SRF Funds

Cross Slot No-Till Drill seeding into alfalfa residue at the Washington State Penitentiary farm in Walla Walla, WA.







# Non-Performing Loans

- Must mitigate risk of bad loans.
  - Interest rate margins







# No-Till Seeding into 100+ Bushel Wheat Stubble



# No-Till Seeding into CRP Land









For more information:

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