



# Pine Creek Conservation District

District Manager: Raymond Brown Board Chair: Tom Henning  
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Legislative District: 9 Congressional District: 5

## Other Accomplishments

- ▶ Assisted landowners with riparian restoration planning.
- ▶ Created detailed geographic information system (GIS) planning/inventory maps for 23 landowners.
- ▶ Setup a program to use a drone for aerial pictures and conservation planning.
- ▶ Participated with 11 other entities in implementing the Regional Conservation Partnership Program.

### 2018 FEATURE ACCOMPLISHMENT

## Direct Seed Cost Share and Education Program

### Resource Challenge

Soil erosion is the highest priority resource concern at Pine Creek Conservation District (PCCD). Approximately 210,000 cropland acres are susceptible to water erosion within the District. Using direct seeding to fertilize and seed can reduce the soil loss to less than one ton per acre, per year, whereas conventional tillage and seeding can result in soil losses of 5 to 30 tons per acre, per year. Local landowners and operators asked the District to assist them with implementing direct seed on their properties.

### Project Summary and Results

PCCD, along with the Palouse-Rock Lake and Lincoln County Conservation Districts, jointly applied and received a grant through the Washington Department of Ecology for a direct seed cost share and education/outreach program. All three districts are working together to promote the program, educate landowners about implementing direct seed, and provide cost share to help offset the costs of starting this minimal ground disturbance way of farming. Dramatic results can be seen in the reduction of soil erosion between a direct seeded field and a conventional field after a rain event.

### Key Partners

Pine Creek District landowners; Palouse-Rock Lake Conservation District; Lincoln County Conservation District; Washington State Department of Ecology; Washington State Conservation Commission; USDA Farm Service Agency; USDA Natural Resources Conservation Service



Direct seed operation.



Harvesting a direct-seeded field.

## Priorities for 2019...

- ▶ Provide cost share to 8-10 landowners for purchase and installation of precision ag equipment.
- ▶ Complete a major riparian/drainage/flood prevention project near the town of Oakesdale.
- ▶ Assist the USDA Natural Resources Conservation Service with implementing the Conservation Reserve Program.