



**CONSERVATION ENHANCEMENT ACTIVITY**

**E595A**

**CONSERVATION STEWARDSHIP PROGRAM**

Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques

**Conservation Practice 595: Integrated Pest Management**

**APPLICABLE LAND USE: Crop (annual & mixed); Crop (perennial)**

**RESOURCE CONCERN ADDRESSED: Water Quality Degradation**

**ENHANCEMENT LIFE SPAN: 1 year**

**Enhancement Description**

Utilize precision application techniques to reduce risk of pesticides in surface water by reducing total amount of chemical applied and reducing the potential for delivery of chemicals into water bodies.

**Criteria**

- Documentation of producer’s record of integrated pest management meeting all Conservation Practice Standard Integrated Pest Management (CPS 595) general criteria
- Use of GPS or other geospatial technologies is required to document application and site-specific compliance with all label requirements for controlling non-target application.
- Utilize one or more of the following techniques to reduce the total amount of chemical applied and reduce the potential for delivery of chemicals into water bodies:
  - Precision guidance system which reduces ground or aerial spray overlap to less than 12 inches

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# CONSERVATION STEWARDSHIP PROGRAM

- Variable rate technology (VRT) which allows rate of pesticide application to dynamically change for site specific applications
- “Smart sprayer” technology which utilizes automatic sensors and computer controlled nozzles to turn individual nozzles on and off

## **Documentation and Implementation Requirements**

### **Participant will:**

- Prior to implementation, provide documentation of implementation of integrated pest management meeting all Conservation Practice Standard Integrated Pest Management (CPS 595) general criteria and additional criteria to prevent or mitigate off-site pesticide risks to water quality from leaching, solution runoff, and adsorbed runoff losses.
- During implementation, keep records of applications using the selected technology with maps and/or tabular data.
- After implementation, make the following items available for review by NRCS to verify implementation of the enhancement:
  - As applied records of actual applications using the selected technology (maps and/or tabular statistics).

### **NRCS will:**

- Prior to implementation, provide and explain NRCS Conservation Practice Standard Integrated Pest Management (CPS 595) as it relates to implementing this enhancement.
- As needed, provide technical additional assistance to the participant as requested.
- After implementation, verify implementation of the enhancement, by reviewing records created during enhancement implementation.

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**CONSERVATION ENHANCEMENT  
ACTIVITY E595A  
OREGON SUPPLEMENT**

**CONSERVATION  
STEWARDSHIP  
PROGRAM**

**Use Integrated Pest Management (595) Planning Worksheet and 595 Jobsheet found in Section 4 of the FOTG under Integrated Pest Management**



# CONSERVATION STEWARDSHIP PROGRAM

### NRCS Documentation Review:

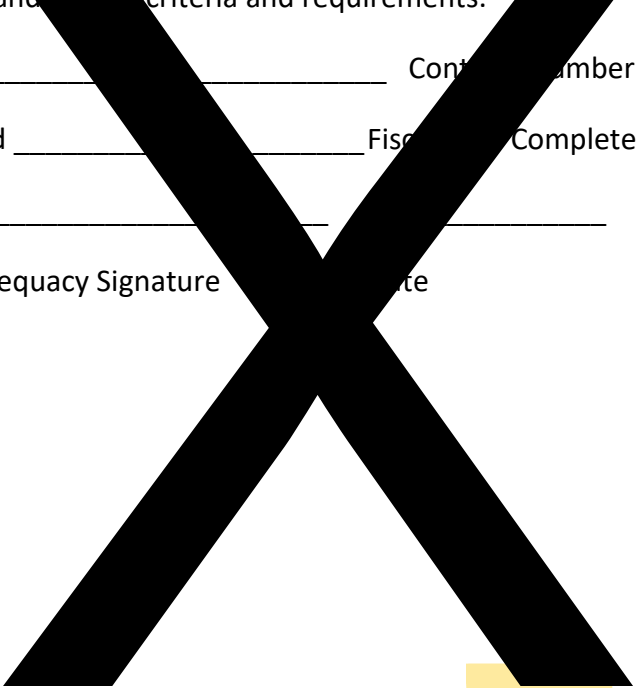
I have reviewed all required participant documentation and have determined the participant has implemented the enhancement and met all criteria and requirements.

Participant Name \_\_\_\_\_ Cont. Number \_\_\_\_\_

Total Acres Applied \_\_\_\_\_ Fiscal Year Completed \_\_\_\_\_

\_\_\_\_\_

NRCS Technical Adequacy Signature \_\_\_\_\_



**Design Approvals & Acknowledgements:**

<b>Design Approval</b>	<b>Date</b>	<b>Job Approval Authority</b>
Designed by:		
Approved by:		

**Client's Acknowledgement Statement:**

The client acknowledges:

- I have received a copy of the specification and understand the contents and requirements.
- It is my responsibility to obtain all necessary permits and/or rights and to comply with all ordinances and laws pertaining to the application of this practice.
- I will not begin installation of this practice until I have received appropriate approval to do so. I understand NRCS also has Federal and state laws to comply with that may take some time to address (e.g. cultural resources).

<b>Client's</b>	<b>Date</b>
<b>Signature</b>	

**Certification Documentation:**

	Field Evaluation: Post-treatment inventory, measurements, notes, as-built, and supporting documentation (document completion in conservation plan), as required.
	Map(s): Including field numbers, fields treated, and units treated (may document on conservation plan map), as required.
	Photos or other supporting documentation (e.g., seed tags, soil tests, receipts, invoices, spray records, fertilizer records, etc.)
Brief Description of Work Accomplished (types of equipment used, date of application, extents and quantities installed, etc.)	

**Certification Statement:**

The employee certifies the implementation of this conservation practice:

- Meets the purpose, general criteria, and any required additional criteria as documented in the conservation practice standard and/or enhancement sheet.
- Meets the specifications contained herein and is complete.
- Conforms to my existing Job Approval Authority controlling factors and levels.

Name	Date	Job Approval Authority

<b>Field Level Certification</b> – For multiple applications of this design.				
Land Unit/ Contract Item Number	Date	Unit(s)	Amount Installed	Certifier