

## PEST MANAGEMENT (CSP Enhancements)

### Enhancement Activity Task Sheet

March 2005

WA-CSPEPM-TS



Photo courtesy of NRCS

#### Enhancement Activities

Enhancements activities refer to actions exceed the requirements of NRCS Pest management Practice Standard 595. Once implemented, these activities should result in a measurable improvement to the condition of one or more of the soil, water, air, plant and/or animal resources, or provide for more efficient resource utilization and/or energy conservation.

#### Enhancement Activity Benefits

Enhancement activities associated with Pest Management such as implementing an IPM plan or substituting non-chemical methods of

- Lower costs by limiting chemical applications to only when and where necessary
- Reduced risks to ground and surface water quality

controlling pests can result in the following benefits to the producer and the environment:

- Reduced risks to beneficial insects and animals

#### CSP Payments

You can earn payments by participating in any of the following management activities:

- Substitute non-chemical and cultural pest management methods for pesticide use.
- Improve pesticide use by implementing an integrated pest management plan.
- Utilize pesticides with a “LOW” or “VERY LOW” WIN-PST risk rating.
- Utilize pesticide application techniques that reduce the potential for off-site losses.
- Increase application setback areas at least 25% to reduce the risk of pesticide runoff.
- Manage filter strips to improve pesticide filtering capacity.

CSP Enhancements earnings are subject to payment caps. Your actual payment will depend on your CSP Tier level and the number of acres enrolled.



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Client's Acknowledgement Statement:

I am currently applying or agree to apply the following Pest Management activities and understand the requirements of the selected activities (Check all that apply):

- | <u>Currently Apply</u>   | <u>Agree to Apply</u>    |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | Substitute non-chemical and cultural pest management methods for pesticide use. ( Worksheet 1 )        |
| <input type="checkbox"/> | <input type="checkbox"/> | Improve pesticide use by implementing an integrated pest management plan. (Worksheet 2)                |
| <input type="checkbox"/> | <input type="checkbox"/> | Utilize pesticides with a "LOW" or "VERY LOW" WIN-PST risk rating. (Worksheet 3)                       |
| <input type="checkbox"/> | <input type="checkbox"/> | Utilize pesticide application techniques that reduce the potential for off-site losses. (Worksheet 4). |
| <input type="checkbox"/> | <input type="checkbox"/> | Increase application setback areas at least 25% to reduce the risk of pesticide runoff. (Worksheet 5). |
| <input type="checkbox"/> | <input type="checkbox"/> | Manage filter strips to improve pesticide filtering capacity. (Worksheet 6).                           |

I agree that the following information will be provided to NRCS upon request:

- Written documentation of the activity performed (use attached worksheets or equivalent).
- Copies of dated receipts for equipment or services purchased.

I understand that CSP Enhancements earnings are subject to payment caps and that my actual payments will depend on my CSP Tier level and the number of acres enrolled.

I understand that it is my responsibility to obtain all necessary permits and to comply with all ordinances and laws pertaining to the application of these activities.

Accepted by: /s/ \_\_\_\_\_ Date: \_\_\_\_\_

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### Worksheet 1. Substitute non-chemical and cultural pest management methods for pesticide use.

Payment = \$8/Acre

Description: Where plant or insect pests are managed using low risk non-chemical control methods such as use of goats, alleleopathic cover crops, predator insects, mating disruptors, pheromone traps, or “baits”. Beneficial insects can reduce the need for pesticides and promote pollination.

Requirements: Identify fields or adjacent locations where IPM strategies are or will be used to replace chemical pest management methods. Examples include:

- biological control
- resistant varieties
- crop rotations
- field sanitation,
- prevention of re-establishment
- protection of beneficial and/or native species
- reduce the amount of pesticides applied
- consult with pest control specialists
- coordinate with county weed control program
- Using mating disruptors

### Worksheet 2. Improve pesticide use by implementing an integrated pest management (IPM) plan.

Payment = \$20/Acre

Description: for fields where a written Integrated Pest Management Plan is being used that addresses all pests (insects, invasive plants, etc.), and includes sufficient documentation to verify that the plan has been implemented (receipts, maps, field notes).

Requirements: NRCS planner approved pest management plan.

Where needed, the plan must include the following:

- Identify the pest problem.
- Identify the field(s) with the problem.
- Define your management goals and conservation targets and identify thresholds that trigger control action.

### Worksheet 3. Utilize pesticides with a “LOW” or “VERY LOW” WIN-PST risk rating.

Payment = \$4/Acre

Description: for fields where only those pesticides with a human and fish hazard rating of “Low” and “Very Low” (for leaching, and solution or adsorbed runoff) are used.

Requirements: Attach WIN-PST printout from your NRCS office showing your fields, soils, management system and risk ratings for Human and fish as well as runoff and leaching.

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WA-CSPEPM-TS****Worksheet 4. Utilize pesticide application techniques that reduce the potential for off-site losses.**

Payment = \$3/Acre

Description: pesticide application techniques are used that reduce the potential for off-site losses. Techniques beyond the requirements and mitigation techniques listed in the Pest management practice standard 595.

Requirements: Use of one or more of the following technologies: sensor technologies, hooded sprayers, low-rate spray systems, and use of materials with a short half-life.

**Worksheet 5: Increase application setback areas at least 25% to reduce the risk of pesticide runoff.**

Payment = \$20/Acre of increased setback area.

Description: Increase width of pesticide application setbacks established by pesticide label or state law, by 25% or more than the required setback from waterways and well locations.

Requirements: Field map showing location of application setback and application records.

**Worksheet 6: Manage filter strips to improve pesticide filtering capacity.**

Payment = \$100 per acre for filter strips managed to improve pesticide filtering capacity.

Description: Buffer strips include Field Borders, Filter Strips, Riparian Herbaceous Buffers, and/or Riparian Forest Buffers. Management activities to improve the filtering ability of vegetated buffer/filter areas include: Remove sediment accumulation, reseed as needed, harvest as needed to promote healthy growth, increase dimensions and control invasive weed and insect pests.