

## 595 Integrated Pesticide Management Planning Worksheet

Name: \_\_\_\_\_ Date: \_\_\_\_\_

List the most common pests:

<u>Crop/Landuse</u>	<u>Weed</u>	<u>Weed</u>	<u>Non-Chemical Control</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

<u>Crop/Landuse</u>	<u>Noxious Weed</u>	<u>Noxious Weed</u>	<u>Non-Chemical Control</u>
_____	_____	_____	_____
_____	_____	_____	_____

<u>Crop/Landuse</u>	<u>Insects/Animals</u>	<u>Insects/Animals</u>	<u>Non-Chemical Control</u>
_____	_____	_____	_____
_____	_____	_____	_____

Check the description below that most closely describes your current method of pest management.

\_\_\_\_\_ Follow an Irrigation Water Management Plan. \_\_\_\_\_

**PAMS (Prevention, Avoidance, Monitoring, Suppression) strategy for Integrated Pest Management:**

**Prevention:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Avoidance:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Monitoring:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Suppression:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Chemical Control:**

- |   |   |
|---|---|
| _____ Seed treatment                                  | _____ Spray whole field when a weed is seen emerging                              |
| _____ Scout fields                                    | _____ Spot spray small areas of weed infestation                                  |
| _____ Spray borrow pits and fence lines               | _____ Contract independent spraying firm  |
| _____ Spray very early morning to protect Pollinators | _____ Keep records of planting date, pesticide date, and rate of chemical applied |
| _____ Rotate chemical families                        |   |

**Mechanical Control:**

- |                                    |                          |
|------------------------------------|--------------------------|
| _____ Tillage (plow, disc, harrow) | _____ Mowing or clipping |
| _____ Hand pulling                 | _____ Other _____        |

**Cultural Control:**

- |  |   |
|--|---|
| _____ National Organic Approved Product(s) _____ |   |
| _____ Crop rotation                              | _____ Early seeding date / harvest date _____ |
| _____ Disease resistant varieties                | _____ Certified seed                          |
| _____ Irrigation frequency                       | _____ Other _____                             |

**Biological Control:**

\_\_\_\_\_ Introduce pest's enemy      Name of Bio control \_\_\_\_\_

**PESTICIDES**

Field	Acres	Crop	Pest	Pesticide
EX: 1 2	23.4 68.2	Corn Barley	Corn Rootworm Wild Oats	Warrior Hoelon 3EC

**Pest Management Check sheet**  
**Includes Chemical Brush Management**

**WY-ECS- 57a**

**INVENTORY:**

- \_\_\_\_\_ WY-ECS-57 Pest Management Planning Worksheet
- \_\_\_\_\_ WY-ECS-46 Pest Management Mitigation Index (Agronomy Note 22)
- \_\_\_\_\_ WY-ECS-46 Pest Management Conservation Treatment Techniques – Management and Conservation Practices for non-chemical control; help mitigate the potential of pesticide risks

**CONSERVATION PLAN MAP:**

- \_\_\_\_\_ Follow proper Conservation Planning procedures for conservation plan map.
- \_\_\_\_\_ Acres and location of pesticide application and spot treatment areas delineated in fields
- \_\_\_\_\_ Sensitive areas located: domestic wells, irrigation canals/ditches, riparian areas/wetlands, surface water bodies such as ponds
- \_\_\_\_\_ Soils map with Non-technical soils report; and Physical Properties soils report
- \_\_\_\_\_ Erosion Prediction Calculations: WY-ECS-40A Wind (WEQ) -WY-ECS-40B Water RUSLE2
- \_\_\_\_\_ WY-ENG-39 Irrigation Water Management

**DESIGN:**

- \_\_\_\_\_ WY-ECS-46 Pest Management Worksheet with pesticides and WinPST evaluation on chemicals producer is using and if High, a lower risk chemical alternative(s) selected from the Weed Handbook or University of WY Crop Profiles and a non-chemical option.
- \_\_\_\_\_ WY-ECS-46A Job sheet -- Chosen alternative(s) from WY-ECS-46 Worksheet.

**NRCS does not give pesticide recommendations but we can give provide environmental assessment on pesticide alternatives provided from University of Wyoming/Extension, County Weed & Pest, Western or High Plains IPM references:**

- \_\_\_\_\_ WinPST 3.1 Environmental Assessment – Soil/Pesticide Interaction Report  
An appropriate non-chemical method of control will be given. If evaluation is H-High, mitigate with 3 Conservation Technique Treatments, 2 are needed for I-Intermediate.  
See “mitigation sheet” tab in the worksheet for best management practices
- \_\_\_\_\_ 2006 -2007 Montana Utah Wyoming CES WEED Management Handbook for Weed control and Biological control on pests in WY agricultural fields (crop, hayland, range)
- \_\_\_\_\_ University of WY Crop Profiles for Insects, Disease (chemical control alternatives)
- \_\_\_\_\_ University of WYBIO Handbook  
Attach reference page(s) from WEED Handbook or University of WY Crop Profiles
- \_\_\_\_\_ Attach reference page(s) from High Plains or Western IPM websites
- \_\_\_\_\_ WY-ECS-46A Pest Management Jobsheet alternative(s) with Producer signature, and Certified Pest Management Specialist signature

Discuss WY-ECS-46 Worksheet alternatives and Print Page 1 of each WY-ECS- 46A Jobsheet. Only one copy of Page 2, Operation and Maintenance should be signed by the Cooperator, and Certified PM Specialist. Give a copy of each jobsheet to the producer and the place original in the conservation plan/contract folder. Lower risk chemical alternatives and non chemical methods of control should be discussed. University of WY reference material used should be given to producer with WY-ECS-46 Worksheet. With the increasing costs of pesticides and fuel, any management decisions that could reduce pesticide applications are important for agricultural producers and benefits wildlife, pollinators, soil microorganisms, and the environment.