

USDA - NRCS West National Technology Support Center

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Conservation Agronomist

Pest Management Policy

General Manual

Title 190 – Ecological Sciences

Part 404 – Pest Management

NRCS Roles in Pest Mgt.

(404.10 Pest Mgt. & Technical Assist.)

- 1. Evaluate environmental risk associated with a clients probable pest suppression strategies.
- 2. Provide technical assistance to clients to mitigate the identified environmental risk of pest suppression strategies through mitigation practices and activities.

NRCS Roles in Pest Mgt. (cont.)

- 3. Assist clients to adopt IPM techniques that protect natural resources.
- 4. Assist clients to:
 - Inventory, assess and suppress noxious and invasive weeds on non-cropland.
 - ii. Suppress weeds to ensure successful implementation and/or maintenance of permanent vegetative conservation practices.

Evaluate environmental risk associated with a clients probable pest suppression strategies.

404.32 Pest Management Environmental Risk Analysis

- A. Environmental risk of pest management activities must be evaluated in the conservation planning process, including:
- (1) The potential impacts of pesticides in ground and surface water on humans and non-target plants and animals [WIN-PST].
- (2) The potential impacts of mechanical pest suppression techniques on on-site soil loss and potential offsite resource effects [RUSLE2/WEPS].
- (3) The potential impacts of biological pest suppression techniques on natural resources (use land grant university publications or other appropriate literature).
- (4) The potential impacts of cultural pest suppression techniques (e.g., burning) on natural resources, specifically air and soil quality resources.

2. Provide technical assistance to clients to mitigate the identified environmental risk of pest suppression strategies through mitigation practices and activities.

 Mitigation guide associated with Conservation Practice Standard 595 and Agronomy Technical Notes 5 & 9.

3. Assist clients to adopt IPM techniques that protect natural resources.

- Mitigation guide associated with Conservation Practice Standard 595 and Agronomy Technical Notes 5 & 9.
- University IPM Guidelines and publications.

4. Assist clients to:

i. Inventory, assess and suppress noxious and invasive weeds on non-cropland.

- University publications.
- This is mainly to bring Conservation Practice Standards such as Brush Management (315) and Herbaceous Weed Management (314) under the umbrella of the Pest Management Policy.

4. Assist clients to:

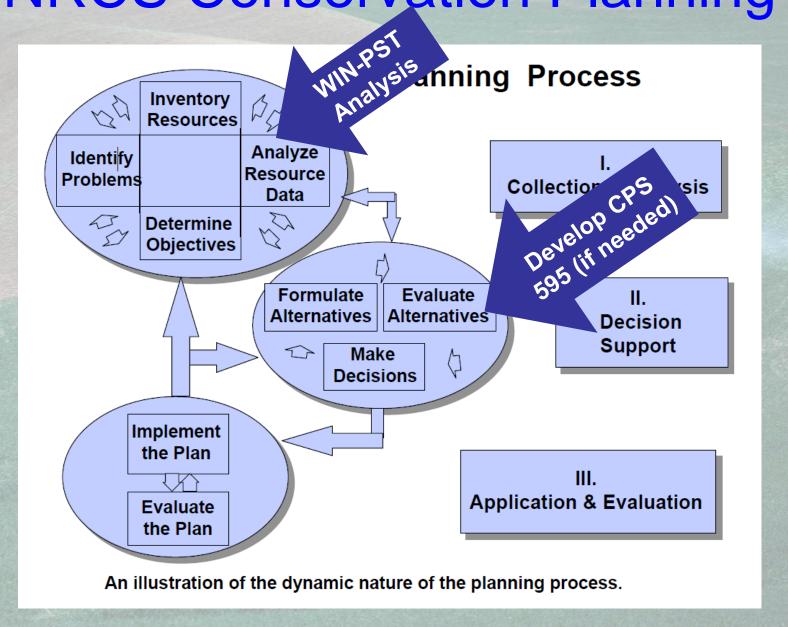
- ii. Suppress weeds to ensure successful implementation and/or maintenance of permanent vegetative conservation practices.
- University publications.
- This is mainly to allow NRCS to reference publications that detail weed management for practices such as Conservation Cover, Filter Strip, Field Border, etc. so that successful stands are established and are not overrun by weeds because of improper site preparation or vegetation management.

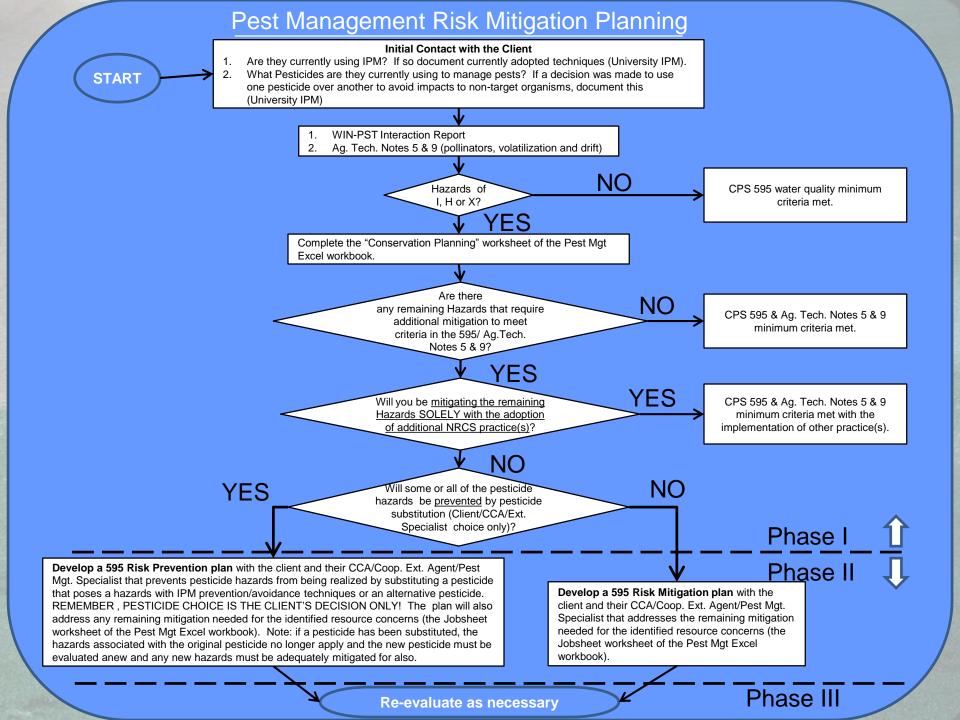
Conservation Planning Policy

General Manual

Title 180 – Conservation Planning and Application Part 409 – Conservation Planning Policy

NRCS Conservation Planning





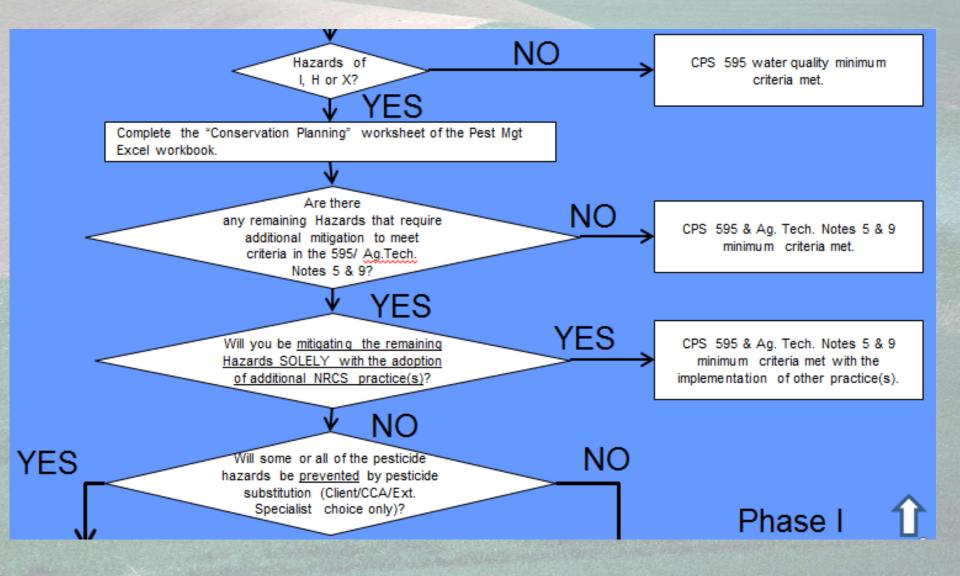
I. Collection and Analysis



Initial Contact with the Client

- Are they currently using IPM? If so document currently adopted techniques (University IPM).
- What Pesticides are they currently using to manage pests? If a decision was made to use one pesticide over another to avoid impacts to non-target organisms, document this (University IPM)
 - 1. WIN-PST Interaction Report
 - 2. Ag. Tech. Notes 5 & 9 (pollinators, volatilization and drift)

I. Collection and Analysis



II. Decision Support

Develop a 595 Risk Mitigation plan with the client and their CCA/Coop. Ext. Agent/Pest Mgt. Specialist that addresses the remaining mitigation needed for the identified resource concerns (the Jobsheet worksheet of the Pest Mgt Excel workbook).

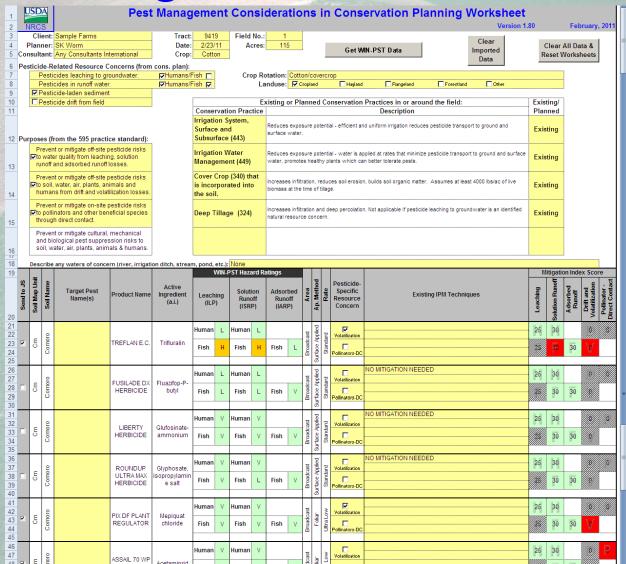
Develop a 595 Risk Prevention plan with the client and their CCA/Coop. Ext. Agent/Pest Mgt. Specialist that prevents pesticide hazards from being realized by substituting a pesticide that poses a hazards with IPM prevention/avoidance techniques or an alternative pesticide. REMEMBER, PESTICIDE CHOICE IS THE CLIENT'S DECISION ONLY! The plan will also address any remaining mitigation needed for the identified resource concerns (the Jobsheet worksheet of the Pest Mgt Excel workbook). Note: if a pesticide has been substituted, the hazards associated with the original pesticide no longer apply and the new pesticide must be evaluated anew and any new hazards must be adequately mitigated for also.

NRCS Pesticide Risk Prevention and Mitigation with CPS 595



NRCS Natural Resource Conservation Section Sec		9/23/2013	10:42AM	Page 1 of 2
Soil / Pesticide Inte	raction Loss Potential and Hazar	d Rating Re	port	
BEB Bandera 70% GR-L Hydro: B Apache County, Arizona, Central Part: AZ635 OM% 1.5 H1 Depth: 2	BDB Bandera 95% GR-L Hydro: B Apache County, Arizona, Central Part: AZ635 OM% 1.5 H1 Depth: 2			
GARLON XRT Reg No: 62719-553 83.9% Butoxyethyl triclopyr				
Loss Human Fish Hazard Hazard	Loss			
REMEDY ULTRA Reg No: 62719-552 60.45% Butoxyethyl triclopyr				
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NRCS Pesticide Risk Prevention and Mitigation with CPS 595



NRCS Pesticide Risk Prevention and Mitigation with CPS 595

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