

WIN-PST Exemption for Brush Management, Herbaceous Weed Control and Integrated Pest Management Using Specific Pesticides

Background Information:

NRCS Pest Management Policy GM-190, 404 B, 404.1 requires that when conservation planning includes pest management, risk assessments for probable treatment method(s) will be performed.

When planning the following conservation practices, or other practices may involve the use of pesticides, Windows Pesticide Screening Tool (WIN-PST) Version 3.0 must run to determine the potential risk of any pesticides:

Brush Management (Code 314)
Herbaceous Weed Control (Code 315)
Integrated Pest Management (Code 595)

The Technical Service Provider (TSP) Foresters in Maine were polled to determine the most commonly-used herbicides that they utilize for Brush Management. The list we received was short. A programmatic run of WIN-PST for the listed herbicides were performed. The program assessed the chemicals as “Low” or “Very Low” risks to humans and fish. Therefore, no mitigations are required when these practices are used.

Exemption:

To facilitate the use and planning of Brush Management (Code 314) and Herbaceous Weed Control (Code 315) practices by NRCS staff and/or a TSP, a “Blanket” WIN-PST Assessment will apply for the pesticides listed below, and the Plan is considered **Exempt** from needing an individual WIN-PST run.

WIN-PST does not need to be run when the use of the following chemicals are planned:

**Metsulfuron-methyl
Glyphosate
Imazapyr
Triethylamine triclopyr**

If utilizing this Blanket in lieu of running WIN-PST and/or planning of Integrated Pest Management (Code 595), the Planner should note on the Brush Management (Code 314) practice or Herbaceous Weed Control (Code 315) practice Job Sheet which of the chemicals will be used.

The use of any alternate or additional chemicals will require a WIN-PST Assessment by the Planner.

A copy of this information and the WIN-PST printouts are located in eFOTG – Section IV – B. Conservation Practices under each individual folder:

Brush Management Conservation Practice (Code 314)
Brush Management WIN-PST Exemption. (Code 314).docx

Herbaceous Weed Control Conservation Practice (Code 315)
Herbaceous Weed Control WIN-PST Exemption (Code 315).docx

Integrated Pest Management Conservation Practice (Code 595)
Integrated Pest Management WIN-PST Exemption (Code 595) docx.

If you have any questions, contact Alice Begin, NRCS Resource Conservationist at 207-990-9568 or email alice.begin@me.usda.gov

Pesticide Active Ingredient Rating Report

Active Ingredient Common Name	pH	Solubility in Water (ppm)	Half Life (days)	KOC (mL/g)	Human Toxicity (ppb)	Fish Toxicity MATC* STV (ppb)	SPIS II Pesticide Ratings			Exposure Adjusted Toxicity Category		
							Leaching Solution	Runoff Adsorbed		Water Human	Fish	Sediment Fish

ACTIVE INGREDIENTS

100% Metsulfuron-methyl

PC_Code: 7.00 9500 120 35 1,750.00 6,000.00 210,000.00 L (fp) L (fp) L (fp) V V V
 Method: Foliar
 Area: Spot
 Rate: Standard

ACCORD HERBICIDE

41.5% Glyphosate, isopropylamine salt

PC_Code: 900000 47 24000 700.00 168.00 4,032,000.00 V (fp) L (fp) L (fp) V L V
 Method: Foliar
 Area: Spot
 Rate: Standard

ARSENAL HERBICIDE

27.8% Imazapyr, isopropylamine salt

PC_Code: 500000 90 100 251,189.00 25,118,900.00 L (fp) L (fp) L (fp) V V
 Method: Foliar
 Area: Spot
 Rate: Standard

TRICLOPYR 3 HERBICIDE

44.4% Triethylamine triclopyr

PC_Code: 2100000 46 20 350.00 129,800.00 2,596,000.00 L (fp) L (fp) L (fp) V V V
 Method: Foliar
 Area: Spot
 Rate: Standard

Pesticide Active Ingredient Rating Report

Active Ingredient Common Name	pH	Solubility in Water (ppm)	Half Life (days)	KOC (mL/g)	Human Toxicity (ppb)	Fish Toxicity MATC* STV (ppb)	SPISP II Pesticide Ratings		Exposure Adjusted Toxicity Category		
							Leaching Solution	Runoff Adsorbed	Water Human	Fish	Sediment Fish

LEGEND

- X -- eXtra high
- H -- High
- I -- Intermediate
- L -- Low
- V -- Very low

Conditions that affect ratings:

- (none) -- Broadcast application (default); applied to more than 1/2 the field
- b -- Banded application; applied to 1/2 the field or less
- p -- Spot application; applied to 1/10 of the field or less

- (none) -- Surface applied (default); applied to the soil surface
- i -- Soil incorporated; with light tillage or irrigation
- f -- Foliar application; directed spray at nearly full crop/weed canopy

- (none) -- Standard application rate (default); greater than 1/4 lb/acre
- l -- Low rate of application; 1/10 to 1/4 lb/acre
- -- Ultra Low rate of application; 1/10 lb/acre or less

SPISP II P-Ratings:

- Leaching -- Pesticide Leaching Potential
- Runoff Solution -- Pesticide Solution Runoff Potential
- Runoff Adsorbed -- Pesticide Adsorbed Runoff Potential