

**FIFRA § 24(c) REGISTRATION  
EPA SLN No.: OR-170010**

**SPECIAL LOCAL NEED REGISTRATION**

**FOR DISTRIBUTION AND USE ONLY IN THE STATE OF OREGON  
FOR CONTROL OF NIGHTSHADE AND DODDER IN ESTABLISHED ALFALFA  
GROWN FOR SEED**

**Sonalan® HFP**

**EPA Reg. No. 10163-356**

**Expiration Date: This label valid until December 31, 2022 or until otherwise amended, withdrawn, canceled, or suspended.**

**ATTENTION**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This label and the federal label must be in the possession of the user at the time of pesticide application.
- Read the label affixed to the container for Sonalan HFP herbicide before applying. Follow all other applicable directions, restrictions, and precautions on the EPA-registered label.
- Use of Sonalan HFP according to this Sec. 24(c) labeling is subject to all precautions and limitations imposed by the label affixed to the container for Sonalan HFP

**Active Ingredient:**

ethalfluralin: *N*-ethyl-*N*-  
 (2-methyl-2-propenyl)-2, 6-dinitro-  
 4-(trifluoromethyl)benzenamine ..... 35.4%

Other Ingredients ..... 64.6%

Total ..... 100.0%

Contains 3 lb active ingredient per gallon.

**Keep Out of Reach of Children**

**DANGER PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

**Environmental Hazards**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Runoff or erosion from treated areas may be hazardous to fish in neighboring areas.

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Sonalan HFP is a preemergence incorporated herbicide that controls weeds as they germinate. Sonalan HFP will not control established weeds. Control of both nightshade and dodder requires separate applications of Sonalan HFP.

#### **Dodder Control**

Apply Sonalan HFP to established alfalfa at a broadcast rate of 4 pints per acre before dodder germination in the spring, preferably after all tillage operations, bedding, corrugating, etc., and incorporated application of Sonalan HFP for nightshade control have been completed. Apply in a minimum spray volume of 5 gallons per acre using a properly calibrated low-pressure herbicide sprayer. Sonalan HFP should be activated within 2 days after application. For dodder control, Sonalan HFP may be activated by rainfall, irrigation (overhead sprinkler, flood, or furrow), or mechanical incorporation. If activated using furrow irrigation, the surface of beds between furrows should be thoroughly wetted. If activated using mechanical incorporation, soil incorporate thoroughly and uniformly no deeper than 1 inch.

#### **Nightshade Control**

Apply Sonalan HFP to established alfalfa at a broadcast rate of 4 to 4 1/2 pints per acre prior to germination of nightshade. Apply in at least 5 gallons of water per acre using any properly calibrated, low-pressure herbicide sprayer that will spray uniformly. Use incorporation equipment that thoroughly and uniformly mixes Sonalan HFP into the top 2 to 3 inches of the soil.

#### **Chemigation**

This product may be applied through irrigation systems. Refer to the EPA registered label for chemigation directions.

#### **Specific Use Restrictions:**

- Do not apply both the nightshade and the dodder control applications of Sonalan HFP to alfalfa in the year prior to rotating to another crop.
- Where alfalfa is to be rotated to another crop in the season following application of Sonalan HFP, plant only those crops to which Sonalan HFP may be applied as a preplant incorporated treatment or crop injury may occur. Do not plant sugar beets or red beets within 13 months following an application of Sonalan HFP
- Do not apply to seedling alfalfa (before 6 true leaf stage).
- Do not apply Sonalan HFP to soils that are wet, cloddy, or subject to prolonged periods of flooding.
- For flood or furrow irrigation, do not allow the tail waters from the first irrigation after application to enter aquatic habitats.
- If incorporation is to be accomplished by supplemental overhead sprinkler irrigation, for crops with application rates that exceed 3.7 pints per acre, do not apply more than 3.7 pints (1.4 lb ai ethalfluralin) per acre, regardless of the application rate in the specific use directions. If incorporation is to be accomplished by rainfall only, do not apply more than 2 pints (0.75 lb ai ethalfluralin) per acre, regardless of the application rate in the specific use directions.
- Do not make more than one application per crop.

#### **Special Crop Use Restrictions:**

The pesticide applicator, the producer of the crop, and the seed conditioner must be aware that use of this product according to this labeling is deemed a nonfeed/non-food use by the Oregon Department of Agriculture, and is regulated by Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use on Crops Grown for Seed. If the applicator of this pesticide is not the producer, the applicator must provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate, must provide a copy of this pesticide label to the seed conditioner.

This pesticide does not have an established pesticide residue tolerance for this crop. Consequently, no portion of this seed crop may be used or distributed for food or feed for 1 year (365 days) after the last

application of the product. This restriction pertains to, but is not limited to, green chop, forage, hay, pellets, meal, whole seed, cracked seed, straw, roots, bulbs, foliage or seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes, as indicated in OAR 603-057-0535. Additional regulations concerning seed screenings are stated in OAR 603-057-0535.

Any seed from a field treated with this pesticide product shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading. The labeling shall contain the following statement:

“This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may not be used for human consumption or animal feed. Failure to comply with this condition may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies.”

Sonalan® is a registered trademark of Gowan Company LLC.

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