

ACCEPTED

# MILLER ALFALFA WEED AND FEED

Herbicide - Fertilizer Combination

FOR WEED CONTROL IN ALFALFA AND ALFALFA-ORCHARDGRASS MIXTURES GROWN IN THE NORTHEASTERN STATES

### Ingredients for Weed Control

#### ACTIVE INGREDIENT:

Simazine (2-chloro-4, 6-bis [ethylamino] -s-triazine)\*..... 0.25%

INERT INGREDIENTS:..... 99.75%

### Ingredients for Plant Food

Total Nitrogen (N)..... 0.00%

Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>)..... 15.00%

Soluble Potash (K<sub>2</sub>O)..... 30.00%

\*0-15-30 Fertilizer with Simazine Contains 0.25% Simazine or 5 lbs. per ton

### GENERAL INFORMATION

This mixture is formulated especially for weed control in alfalfa. The active herbicide ingredient, Simazine, enters weeds mainly through their roots and its effect on weeds is, therefore, dependent upon rainfall or irrigation to move the chemical into the root zone. Very dry soil conditions and the absence of precipitation may result in poor weed control.

Simazine controls the following annual broadleaf and grass weeds: pigweed, chickweed, speedwell, henbit, shepherdspurse, knawel (German moss), fatweed (pennycress), seedling yellow rocket (wintercress), pepper grass, downy brome, kochia, lambsquarters, and wild oats.

### DIRECTIONS

This mixture should be uniformly applied broadcast on alfalfa fields. Spinner type and gravity-flow type fertilizer applicators should be accurately calibrated to apply the proper amount per acre and to give uniform coverage. With gravity-flow applicators use deflectors under the fertilizer box where the mixture is dropped to help fan it out and assure uniform coverage. Do not overlap during application or injury may occur to the alfalfa. Wash application equipment thoroughly with clean water immediately after use. Application should be made at the rates listed below in fall but prior to snow cover or permanently frozen ground conditions. Alfalfa may be actively growing, semi-dormant or dormant at the time of application (unless otherwise stated). Established Pure Stands of Alfalfa (alfalfa stands which have been growing for at least one year prior to treatment). Uniformly broadcast at the rate of 500 lbs. per acre (1.25 lbs. per acre active herbicide). Do not use on sandy or silty loam soil as injury may occur. Alfalfa Stands Less Than One Year Old Pure stands of alfalfa which have been established in the fall or spring should be treated in the fall or

may be treated in the fall by uniformly broadcasting 325 lbs. per acre (0.81 lbs. per acre active herbicide). Do not use more than this rate per acre regardless of soil type. Alfalfa-Orchardgrass Mixtures Mixtures of alfalfa-orchardgrass which have been established for more than 1 year may be treated in the fall, after they have gone dormant, by uniformly broadcasting 325 lbs. per acre (0.81 lbs. per acre active herbicide). Do not use more than this rate per acre regardless of soil type. Precautions: 1) Use this fertilizer-Simazine mixture only in geographic areas where frost occurs and alfalfa goes into a dormant stage or injury may occur. 2) Make only one application per year or injury may occur. 3) Do not use on sand or loamy sand soil types or injury may occur. 4) Applications made to alfalfa growing on highly calcareous or highly alkaline soils may result in crop injury. 5) Do not apply on snow or frozen ground. 6) Simazine treated alfalfa land should not be planted to any rotational crop except corn for the growing season following application or injury may occur.

NOTE: Allow 30 days between last application and grazing to dairy and beef cattle and sheep, and 60 days between last application and cutting for hay.

### CAUTION

Keep out of reach of Children. Harmful if swallowed. Avoid inhalation of dust. Avoid contamination of food and feed. Do not contaminate domestic or irrigation water supplies or lakes, streams, or ponds. Do not reuse container. Destroy when empty. Store in a dry place.

The use of this material being beyond our control and involving elements of risk to human beings, animals and vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label.

## CAUTION:

KEEP OUT OF REACH OF CHILDREN

NET WEIGHT 50 POUNDS

Manufactured By

MILLER CHEMICAL & FERTILIZER CORPORATION

Hanover, Pennsylvania 17331/Alice Standard Company

12-10-61  
**MILLER ALFALFA WEED AND FEED**

**Herbicide - Fertilizer Combination**

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**rol**

bis [ethylamina] -s-triazine)*.....	0.25%
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<b>d</b>	
.....	0.60%
l (F <sub>2</sub> O <sub>5</sub> ).....	15.00%
.....	30.00%

Simazine Contains 0.25% Simazine or 5 lbs. per ton

**GENERAL INFORMATION**  
 and especially for weed control in alfalfa. The active ingredient, Simazine, enters weeds mainly through their roots and is, therefore, dependent upon rainfall or irrigation to the root zone. Very dry soil conditions and the absence of irrigation may result in poor weed control. This material controls annual broadleaf and grass weeds: pigweed, lambsquarters, shepherdspurse, knawel (German loss), fatweed, yellow rocket (wintercress), pepper grass, downy woodpecker, and wild oats.

**DIRECTIONS**  
 Uniformly applied broadcast on alfalfa fields. Spin-type fertilizer applicators should be accurately calibrated to give proper amount per acre and to give uniform coverage. Applicators use deflectors under the fertilizer box to help fan it out and assure uniform coverage. No application or injury may occur to the alfalfa. Wash applicators thoroughly with clean water immediately after use. Make application at the rates listed below in fall but prior to hard frosts or frozen ground conditions. Alfalfa may be actively growing or dormant at the time of application (unless otherwise specified). **Pure Stands of Alfalfa** (alfalfa stands which have been established at least one year prior to treatment). Uniformly broadcast 500 lbs. per acre (1.25 lbs. per acre active ingredient) on sandy or silty loam soil as injury may occur. **On Old Pure Stands of Alfalfa** which have been established for more than one year.

may be treated in the fall by uniformly broadcasting 325 lbs. per acre (0.81 lbs. per acre active herbicide). Do not use more than this rate per acre regardless of soil type. **Alfalfa-Orchardgrass Mixtures** Mixtures of alfalfa-orchardgrass which have been established for more than 1 year may be treated in the fall, after they have gone dormant, by uniformly broadcasting 325 lbs. per acre (0.81 lbs. per acre active herbicide). Do not use more than this rate per acre regardless of soil type. **Precautions:** 1) Use this fertilizer-Simazine mixture only in geographic areas where frost occurs and alfalfa goes into a dormant stage or injury may occur. 2) Make only one application per year or injury may occur. 3) Do not use on sand or loamy sand soil types or injury may occur. 4) Applications made to alfalfa growing on highly calcareous or highly alkaline soils may result in crop injury. 5) Do not apply on snow or frozen ground. 6) Simazine treated alfalfa land should not be planted to any rotational crop except corn for the growing season following application or injury may occur.

**NOTE:** Allow 30 days between last application and grazing to dairy and beef cattle and sheep, and 60 days between last application and cutting for hay.

**CAUTION:**  
 Keep out of reach of children. Harmful if swallowed. Avoid inhalation of dust. Avoid contamination of food and feed. Do not contaminate domestic or irrigation water supplies or lakes, streams, or ponds. Do not reuse container. Destroy when empty. Store in a dry place.

The use of this material being beyond our control and involving elements of risk to human beings, animals and vegetation, we do not make any warranty, express or implied, as to the effects of such use, when this product is not used in accordance with the directions as stated on this label.

**CAUTION:** KEEP OUT OF REACH OF CHILDREN  
 NET WEIGHT 50 LBS.  
 Manufactured By  
 MILLER CHEMICAL & FERTILIZER CORPORATION  
 10000 E. 17th Avenue, Denver, Colorado 80231