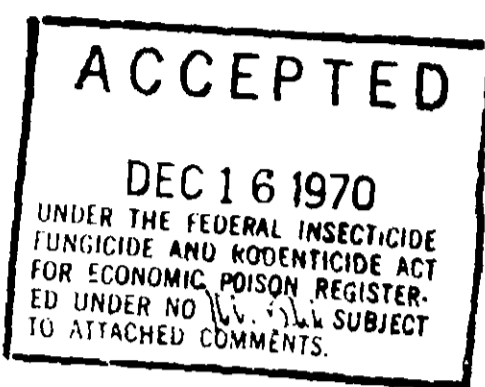


Simazine .167 PLUS



Herbicide fertilizer combination

For weed control in alfalfa and alfalfa-orchardgrass mixtures (Northeast and North Central States only.)

Ingredients for Weed Control	
Active Ingredient:	
Simazine (2-chloro-4,6-bis [ethylamino]-s-triazine)*	0.167%
Inert Ingredients:	99.833%
Total	100.000%

Ingredients for Plant Food	
Total Nitrogen (N)	0.00%
Available Phosphoric Acid (P ₂ O ₅)	10.00%
Soluble Potash (K ₂ O)	30.00%

0-10-30 Fertilizer with Simazine Contains 0.167% Simazine or 3.34 lbs. per ton

**100 Pounds
Net Weight**

Caution:
Keep out of reach of children. See additional caution statements on back of bag.

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire **Directions For Use** and the **Conditions Of Sale And Warranty** before using this product.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Geigy or the Seller. All such risks shall be assumed by the Buyer.

Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks referred to above. Geigy makes no other express or implied warranty of **Fitness or Merchantability** or any other express or implied warranty. In no case shall Geigy or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Geigy.

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 most annual broadleaf and grass weeds such as pigweed, chickweed, speedwell, henbit, shepherdspurse, knawel (German moss), fanweed (pennycress), seedling yellow rocket (wintercress), pepper grass, downy brome, kochia, lambsquarters and wild oats.

Directions for Use (Northeast and North Central States Only)

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).

Note: Do not use rates higher or lower than those recommended below

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 450 to 750 lbs. per acre (0.75 to 1.25 lbs. per acre active herbicide). Use 450 lbs. A rate for sandy loam soil types, intermediate rate for loam soil types, and 750 lbs. A rate for clay soil types

Alfalfa Stands Less Than One Year Old

Pure stands of alfalfa which have been seeded in the spring (prior to June 1st) and have become

well established may be treated in the fall by uniformly broadcasting 450 to 475 lbs. per acre (0.75 to 0.80 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 one year, may be treated in the fall, after they have gone dormant, by uniformly broadcasting 450 to 475 lbs. per acre (0.75 to 0.80 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 the Northeast and North Central States, 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.

U.S. PATENT OFFICE

GEIGY AGENCIES, INC.
NEW YORK, N.Y.

Geigy

Simazine-chlorate-borate

Granular Herbicide

For control of weeds in
noncrop areas.

Active Ingredients:	94.0%
Sodium chlorate (NaClO ₂)	40.0%
Sodium metaborate* (Na B O ₃ · 5H ₂ O)	50.0%
Simazine (2-chloro-4, 6-bis (ethylamino)-s- triazine)	4.0%
Inert Ingredients:	6.0%
Total:	100.0%

* Equivalent to 4.97% boron
expressed as elemental boron

Caution:

Keep out of reach of chil-
dren. See additional cau-
tion statements on back.

50 Pounds
Net Weight

**Bare ground
weed control**
around
buildings
storage areas
fences
pumps
machinery
fuel tanks
ditch banks
recreational areas
roadways
guard rails
airports
military installations
highway medians
pipelines
railroads
lumber yards
industrial sites
rights-of-way
... Or
similar areas

Geigy

Reg. # 168-476

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express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Geigy or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. Geigy and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions Of Sale And Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Geigy.

General Information

Simazine -- chlorate-borate is a broad spectrum, nonselective, deep-rooted broadleaf and grass weed killer. It is effective when applied before or after weeds emerge. Since simazine -- chlorate-borate acts through the roots, its effect on weeds is dependent upon adequate rainfall to move the chemical into the root zone. Excessively dry soil conditions and absence of rainfall may result in poor weed control.

Do not apply to areas underlaid by desirable trees and shrubs or injury may occur. Use only in areas where complete control of all vegetation is desired.

Directions for Use

Apply 1 - 1 lb per 100 sq ft of soil surface to control annual broadleaf weeds and grasses.

Apply 1 - 2 lbs per 100 sq ft of soil surface to control perennial broadleaf weeds and grasses. Where deep-rooted perennial grasses are predominant, use the higher rate.

Use the higher application rates in areas of high rainfall, long growing season and where extended residual control is desired.

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.

EPA Reg. No. 14-115
EPA Pesticide 12891-91

Geigy Agricultural Chemicals
Division of CIBA-GEIGY Corporation
Ardsley, New York

