

PRODUCT NAME: ALCO SIMAZINE 4G  
EPA FILE SYM: 5481-ERG(213)

Submitted: 6/19/85  
Original Submission : 5/20/85  
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REVISED DRAFT LABELING

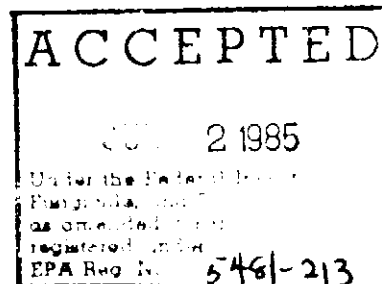
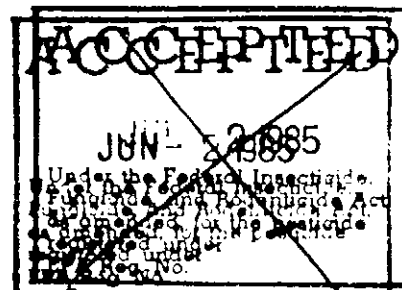
**RESTRICTED USE PESTICIDE**  
For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification.

# ALCO SIMAZINE 4G

## GRANULAR HERBICIDE

*For weed control in certain crops, ornamental plantings, industrial sites, and around the farm.*

**Active Ingredients:**  
Simazine (2-chloro-4, 6-bis (ethylamino)-s-triazine) ..... 4%  
**Inert Ingredients** ..... 96%  
**Total 100%**



**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**STATEMENTS OF PRACTICAL TREATMENTS**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

**IF IN EYES:** Flush eyes with plenty of water. Get medical attention.

**IF ON SKIN:** Remove contaminated clothing. Wash affected area with soap and water.

**IF INHALED:** Remove victim to fresh air. Get medical attention.

SEE SIDE/BACK PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 5481-213-AA

EPA Est. No. 5481-CA-1

NET WEIGHT 50 POUNDS

**AMVAC CHEMICAL CORPORATION**

4100 EAST WASHINGTON BOULEVARD  
LOS ANGELES, CA 90023

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid inhalation of dust. Avoid contamination of food and feed.

**ENVIRONMENTAL HAZARDS**

Do not contaminate water by cleaning of equipment or disposal of wastes. SIMAZINE is a chemical which can travel (seep or leech) through the soil and can contaminate ground water which may be used as drinking water. Simazine has been found in ground water as a result of agricultural use. Users are advised not to apply Simazine where the water table (ground water) is close to the surface and where the soils are very permeable (i.e., well-drained soils such as loamy sands). Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**GENERAL INFORMATION**

SIMAZINE 4G is a herbicide that should be applied before weeds emerge or following removal of weed growth. It controls a wide variety of annual broadleaf and grass weeds when used at selective rates in agricultural crops and ornamental plantings. When used at higher, non-selective rates in noncrop areas, it also controls many perennial broadleaf and grass weeds.

Since SIMAZINE enters weeds mainly through their roots, rainfall or irrigation is needed to move it into the root zone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.

SIMAZINE 4G is noncorrosive to equipment, nonflammable, and has low electrical conductivity.

SIMAZINE 4G controls many annual broadleaf and grass weeds such as: annual bluegrass, annual ryegrass, common chickweed, crabgrass (*Digitaria* spp.), lambsquarters, pigweed.

**USE DIRECTIONS****Selective Weed Control**

In each case where a range of dosage rates is given, the lower rate should be used on light soils and soils low in organic matter; the higher rate should be used on heavy soils and soils high in organic matter. For band applications, reduce the rate of SIMAZINE 4G in proportion to the area treated. For example: when applying a 2-foot band to a crop planted in rows 6 feet apart, apply one-third the recommended rate of SIMAZINE 4G per acre. SIMAZINE 4G should be distributed uniformly over the soil surface by means of a cyclone-type spreader or other suitable application equipment. For treatment of small areas, application by hand may be adequate.

After treatment with SIMAZINE 4G, do not plant any crop other than those specified on this label until the following year or injury may occur. Do not rotate with oats, sugar beets, or vegetables.

**Fruit Crops****Blueberries**

Broadcast a single application of 50-100 lbs. per acre in the spring before bud break and weed emergence, or split the application, broadcasting 50 lbs. per acre in the spring before bud break and weed emergence and follow with a second application of 50 lbs. per acre in the fall. Do not apply when fruit is present, or illegal

residues may result.

To control quackgrass, broadcast 100 lbs. per acre in the fall or split the application, broadcasting 50 lbs. per acre in the fall and 50 lbs. per acre in early spring, when quackgrass is actively growing and before bud break.

**Caneberries (i.e., Blackberries, Boysenberries, Loganberries, Raspberries)**

Broadcast a single application of 50-100 lbs. per acre in the spring before bud break and weed emergence.

To control quackgrass, broadcast 100 lbs. per acre in the fall or split the application, broadcasting 50 lbs. per acre in the fall and 50 lbs. per acre in the early spring, when quackgrass is actively growing.

NOTE: (1) On new plantings (less than 6 months old), use one-half the above rates. (2) Do not apply when fruit is present.

**Cranberries**

In Massachusetts: Broadcast up to 100 lbs. per acre prior to weed emergence. Apply in the spring prior to new cranberry growth or in the fall after harvest.

In other areas: Broadcast 50 lbs. per acre in the spring prior to weed emergence.

**Grapefruit and Oranges**

In Florida: Broadcast 160-240 lbs. per acre in the spring (March or April) prior to weed emergence. Repeat annually.

In Texas: Broadcast 100-125 lbs. per acre in the spring prior to weed emergence. Repeat annually.

PRECAUTIONS: (1) Do not use in citrus nurseries. (2) Do not apply to bedded citrus. (3) Use only in groves where trees have been established for one year or more. (4) Do not apply to trees under stress from freeze damage for one year following the freeze to avoid possible injury. (5) Avoid contact with fruit and foliage.

#### Nonselective Weed Control on Noncrop Land

Apply SIMAZINE 4G at rates recommended below. Use the higher rates on heavy clay and muck soils. Best results are obtained when SIMAZINE 4G is applied before weeds emerge.

Do not contaminate domestic or irrigation water supplies, or lakes, streams, or ponds.

SIMAZINE 4G can be used to provide long-term weed control on industrial sites, highway medians and shoulders, railroad rights-of-way, lumberyards, petroleum tank farms, and in noncrop areas on farms, such as around buildings, equipment and fuel storage areas, along fences, roadsides, and lanes.

To control most annual broadleaf and grass weeds (such as barnyardgrass, cheat, crabgrass, lambsquarters, foxtail, ragweed puncturevine, and turkey mullein): Broadcast 250 lbs. per acre.

To control most annual and many perennial broadleaf and grass weeds (including quackgrass bluegrass, redtop, burdock Canada thistle, orchardgrass, purple top, smooth brome, dog fennel and plantain): Broadcast 250-500 lbs. per acre.

To control hard-to-kill perennial weeds (such as bull thistle and sowthistle): Broadcast 500-1000 lbs. per acre.

For longer residual control in regions of high rainfall and a long growing season, broadcast 500-1,000 lbs. per acre. For small areas, 5 1/2 lbs. per 1,000 sq. ft. is equivalent to 250 lbs. per acre.

Precaution: Do not use this product for nonselective weed control on land to be cropped, near adjacent desirable trees, shrubs or plants, or in greenhouses, or injury may occur.

#### Nurseries, Christmas Tree Plantings and Shelter Belts

Established Nursery Stock (see list below)

Broadcast 50-75 lbs. per acre in fall or spring to nursery stock established at least one year after transplanting.

Apply prior to weed emergence.

Shelter Belts and Christmas Tree Plantings (see list below)

Broadcast 50-100 lbs. per acre after transplanting and prior to weed emergence. For band applications reduce the rate of SIMAZINE 4G in proportion to the area treated. For example: Apply 25-50 lbs. according to your soil type in a 4-foot band one mile long or 1-2 lbs. per 1,000 sq. ft. Remove weed growth before application. Use the same rate for annual maintenance applications in established plantings.

Precautions: To avoid tree injury: 1. Do not use Simazine 4G on seedbeds or cutting beds. 2. In CA, OR, and WA, do not apply to Christmas Trees or shelterbelts sooner than one year after transplanting. In other areas, do not apply to Christmas tree or shelterbelt transplants less than three years of age. 3. Do not use until soil is firmly settled around roots. 4. Do not apply more than once a year, except as directed for quackgrass control.

Apply SIMAZINE 4G to these species of trees and shrubs, as recommended above:

American Elm	Mugho Pine
Arborvitae	Norway Spruce
Austrian Pine	Oregon Grape
Balsam Fir	(Mahonia spp.)
Barberry	Red Cedar
Blue Spruce	Red Oak
Boxelder	Red Pine (Norway Pine)
Bush Honeysuckle	Red Spruce
Caragana	Russian Olive
Cotoneaster	Scotch Pine
Dogwood	Siberian Elm
Douglas Fir	White Cedar
Fraser Fir	White Pine
Hemlock	White Spruce
Honey Locust	Yew (Taxus spp.)
Juniper	

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.