

PM 23

1/4

APR 3 1997

Richard R. Brumfield
Schall Chemical Supply, L.L.C.
120 North Broadway
Monte Vista, CO 81144

Dear Mr. Brumfield:

Subject: Corrected Labeling - Change Signal Word to "DANGER"
Amine 4 Weed Killer
EPA Registration No. 3468-20
Your Response to the Agency Letters Dated April 30, 1996
and September 16, 1996

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following provisions:

- 1) Revise the typographical error appearing at the end of the first sentence in the Agricultural Use Requirements box so that it reads "...40 CFR part 170."
- 2) In order to comply with the requirements of the 2,4-D Exposure Reduction Program, make the following revisions in the directions for use on Non-Cropland Grass Areas, Such as Lawns, Golf Courses, Cemeteries...And Similar Places:
 - a) Revise the statement "...other noxious perennials somewhat resistant to 2,4-D will require repeated treatments..." appearing near the end of the first paragraph to read "...will require a repeat treatment..." so that it does not suggest more than a total of two applications per year.
 - b) In order to avoid confusion, the directions for use on woody plants, currently beginning at the third sentence of the second paragraph (beginning "To control small areas of woody plants..."), should be moved so that they start a new paragraph. In addition, the prohibition "The maximum number of broadcast applications to turf per treatment site is two per year" should be relocated so that it appears with the other use directions for use on turf (first paragraph in this section).

DK:305-7546:FHB/PM23

CONCURRENCES

| | | | | | | | | |
|-----------|----------|--|--|--|--|--|--|--|
| SYMBOL ▶ | 7505C | | | | | | | |
| SURNAME ▶ | D. KENNY | | | | | | | |
| DATE ▶ | 4/2/97 | | | | | | | |

2/4

A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the referenced label, incorporating the above changes, before releasing the product for shipment.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

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PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapors or spray mist.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

A chemical-resistant apron should also be worn when cleaning equipment, mixing or loading. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water except as specified on the label. Do not contaminate water when disposing of equipment washwaters. Most cases of groundwater contamination involving phenoxy herbicides such as 2, 4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2, 4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

Extreme care must be used when applying AMINE-4 to prevent injuring desirable plants and crops. AMINE-4 should not be used in susceptible crops such as cotton, tomatoes, vegetables, grapes, fruit trees, soybeans, tobacco or beans. Do not allow spray mist to drift onto such plants since even minute quantities of spray may cause severe injury. Use low pressures when spraying to produce coarse sprays which are less likely to drift.

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not use in greenhouses.

Large amount of AMINE-4 in the soil may temporarily inhibit seed germination. Do not use in any manner other than recommended on the label to avoid possible crop injury or residues at harvest.

DO NOT apply to lawns containing Bent, St. Augustine and Carpet grasses or Dicondra and Clover as injury may result.

PHYSICAL AND CHEMICAL HAZARDS

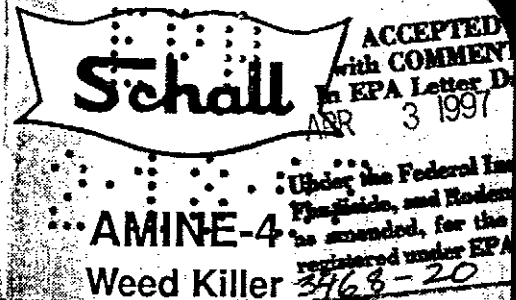
Store above 25° to keep from freezing. If allowed to freeze, warm to 45° and redissolve before using by rolling or shaking the container.

DIRECTIONS FOR USE

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

Do not apply this product through any type of irrigations system. Do not contaminate water used for irrigation, domestic or spray purposes.

BEST AVAILABLE COPY



| | | |
|--------------------|--|--------------|
| ACTIVE INGREDIENT: | Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid | 46.5% |
| INERT INGREDIENTS: | | 53.5% |
| | | Total 100.0% |

*Equivalent to 38.5% 2,4-D acid or 3.74 pounds per gallon.
*Isomer specific by AOAC Method No. 6.275-6.279 (13th Ed.)

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.)

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: - Wash skin with plenty of soap and water. Remove contaminated clothing. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: - Remove victim to fresh air. If not breathing, give artificial respiration; preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: This product contains a phenoxy herbicidal chemical. There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. Probable mucosal damage may contraindicate the use of gastric lavage.

See Left Panel For Additional Precautions.

EPA REG. NO. 3468-20 EPA EST. NO. 3468-CO-1

Net Contents Gallons

Manufactured by
Monte Vista, Colorado
Delta, Colorado

SCHALL CHEMICAL, INC.

AGR

Use this product Standard, 40 CF agricultural work agricultural pesticide and emergency as to the statements workers and restr product that are c Do not enter or a (REI) of 48 hours. PPE required for Standard and that or water, is:
■ Coveralls
■ Waterproof glove
■ Shoes plus sock
■ Protective eyew

POURING: Containe product must also w Containers 5 gallons used for transferring container are empty

1. Prohibitions: [dumping is prohibi
2. Storage: Store i food, fertilizer or other purposes.
3. Pesticide Dispo spray mixture, or r these wastes cann Pesticide or Enviro nearest EPA Regio
4. Container Dispo reconconditioning, or approved by state recycling or recon or, if allowed by sta

TIME OF APPLICAT young and in a rapid APPLICATION: Aeria acre. Ground Applic The specific amount below.
WEED CONTROL IN Oats, Rye, Wheat): S before the boot stage tiller stage nor from interfere with harvest when the grain is in adequate for plant gr meat animals being li after treatment. Do no WEED CONTROL IN to soil any time after Emergence - Apply emerged corn. When Do not apply from tas applied when corn is In such situations, use 10 days to allow the

tolerance to 2, 4-D. Some are easily injured. Spray only varieties known to be tolerant to 2, 4-D. Consult the seed company or your Agricultural Experiment Station or Extension Service Weed Specialist for this information. Do not permit livestock to forage or graze treated fields within 2 weeks after treatment. Do not feed treated straw to livestock.

AMOUNT OF AMINE 4 TO USE IN CROPS

By Air or Ground Application

NOTE: Do not apply when weather conditions favor drift from treated areas. Read complete directions and precautions before using.

| CROP | DOSAGE PER ACRE | |
|---|--|---|
| | Normal rates (Usually safe to crops) | Higher rate for special situations (more likely to injure crops) |
| SMALL GRAINS Spring postemergence wheat, barley, rye, oats Preharvest (dough stage) wheat, barley, oats | 1/2 to 1 1/2 pints 1/2 to 2 pints 1 to 2 pints | 2 to 3 pints 1 1/2 to 2 pints 2 to 3 pints |
| CORN Preemergence Emergence Postemergence up to 8 inches tall to tasseling (use only directed spray) | 2 to 4 pints 1 pint 1/2 to 1 pint 1 pint | 1 1/2 pints 1 1/2 to 2 1/2 pints |

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried or dust has settled.

GRASSES: IN ESTABLISHED PASTURES AND RANGELANDS -Use 1-2 quarts Amine-4 in 1-30 gallons of water per acre. Use the light rate on more easily injured grasses. For small areas, use 3/4 fluid ounce (1-1/2 - 3 tablespoons) per 1000 square feet; mix 1-3 gallons of water and apply uniformly over the area. Apply preferably when weeds are small and growing actively before bud stage. Fall or Spring is the best time to treat. Repeated treatments may be needed for less susceptible weeds. Treatment will kill or injure alfalfa, sweet clover and other legumes. White clover (including Ladino) may be injured by light application but recovers; repeated treatments will kill it. In some areas dichondra, bentgrasses, carpet, buffalo, and St. Augustine grasses may be injured. Usually colonial bents are more tolerant than creeping types; velvet is most easily injured. Where bentgrass predominates, make 2 applications of 1 pint per acre at 3 week intervals. Do not graze dairy cattle in treated area for 7 days after application. Do not cut forage for hay within 30 days of application. Do not permit dairy animals or meat animals being finished for slaughter to forage treated fields within 3 days of slaughter.

BROADLEAF WEED CONTROL IN NON-CROPLAND GRASS AREAS SUCH AS LAWNS, GOLF-COURSES, CEMETERIES AND PARKS, AIRFIELDS, RIGHTS-OF-WAY, FENCE-ROWS, ROADSIDES, VACANT LOTS, DRAINAGE DITCHBANKS, INDUSTRIAL SITES, AND SIMILAR PLACES: Do not use on dichondra or other herbaceous ground covers. Do not use on creeping grasses such as bent, except for spot treatment, nor on freshly seeded turf until grass is well established. Reseeding of lawns should be delayed following treatment. With Spring application, reseed in the Fall. With Fall application, reseed in Spring. Legumes are usually damaged or killed. Thoroughly wet weeds when applying this mixture. Bindweed, Whitetop, Perennial sow thistle, Blue lettuce, Bur ragweed, Canada thistle and other noxious perennials somewhat resistant to 2, 4-D will require repeated treatments to kill. Do not graze dairy animals for 7 days following application.

Use 1/2-gallon of this product in 15 to 50 gallons of water per acre. Treat when weeds are young and growing well. To control small areas of woody plants, such as Willows, Honeysuckle, Virginia creeper, Alders, and other susceptible to 2, 4-D, use 1/2-1 gallon in 100 gallons of

water, spray to thoroughly wet plants when in full leaf. Re-treat as necessary for control of regrowth and seedlings. In general, it is better to cut tall weed growth and spray suckers when 2-4 feet high. The maximum number of broadcast applications to turf per treatment site is 2 per year.

SPOT TREATMENT IN NON-CROP AREAS: To control broadleaf weeds in small areas with a hand sprayer, use 1/4 pint of Amine-4 in 3 gallons of water and spray to thoroughly wet all foliage.

FOR AQUATIC WEEDS IN STILL LAKES, PONDS, DRAINAGE DITCHES AND MARSHES:
Aerial Application - Use 4-3/4 pints Amine-4 in 5-15 gallons of water to cover one surface acre.
Boat Application - Use 4-3/4 pints of Amine-4 in 50-100 gallons of water per acre. Uniform coverage is essential. Avoid submerging plants after treatment. Application should be made when leaves are fully developed above water line and plants are actively growing. Consult your State Game and Fish Department or Water control Agency prior to application of this product for aquatic weed control. Treatment of aquatic weeds can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore, to minimize this hazard, treat 1/3 to 1/2 of the water area in a single operation and wait at least 10 to 14 days between treatments. Begin treatments along the shore and proceed outwards in bands to allow fish to move into untreated areas.

SMALL QUANTITY DILUTION TABLE

To spray small areas use the following dilution table.

If Dosage on Label shows: Use this Amount for each Gallon of water

| | |
|---------|--|
| 2 pints | 1/2 ounces (4 teaspoons)/1,000 sq. ft. |
| 3 pints | 1 1/2 ounces (2 1/2 tablespoons)/1,000 sq. ft. |
| 4 pints | 1 1/2 ounces (3 tablespoons)/1,000 square ft. |
| 6 pints | 2 1/2 ounces (4 1/2 tablespoons)/1,000 sq. ft. |

SUSCEPTIBLE WEEDS

Some weeds listed below as susceptible may not be completely killed but growth is so retarded by proper application that they are no longer a factor affecting growth and yield of crop.

| | | | |
|--------------------------|-----------------------------|----------------------------------|--|
| ANNUAL SOW THISTLE | FOUR O'CLOCK FRENCH WEED | LOGO WEEDS MALLOW | SHEPHERD'S PURSE |
| BEGGAR TICKS BINDWEED | GROUND IVEY HEDGE | MARESTAIL MORNING GLORY | SMART WEED SOW THISTLE STINKWEED |
| BUCKHORN BULL THISTLE | BINDWEED HENBIT | MUSTARD NETTLES | SUNNYS SUNFLOWERS |
| BUTTERPRINT CATNIP | HORSETAIL JIMSONWEED | PIG WEED PLAINAINS | WILD MUSTARD WILD PARSNIP |
| CHICKORY CINQUEFOILS | KNOTWEEDS KOCCHIA | PRICKLY LETTUCE PUNCTURE VINE | WILD RADISH WILD ROPE |
| COCKLEBUR DANDELION | LAMBS- QUARTERS | PURSLANE RAGWEEDS | WILD SWEET POTATO |
| DOCKS FIGWORT | LAWN PENNYWORT | RUSSIAN THISTLE | |

GENERAL INFORMATION

PREPARATION OF THE SPRAY: Fill the spray tank with half the required amount of water, then add the recommended amount of AMINE-4 with agitation and continue filling the spray tank with water. Use enough water per acre to give uniform coverage.

WARRANTY AND LIMITATION OF DAMAGES

SELLER warrants that this material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and BUYER assumes the risks of any use contrary to such directions. SELLER makes no other expressed or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of SELLER is authorized to do so except in writing with a specific reference to this warranty. In no event shall SELLER's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

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