

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 15 1991

Carol F. DiRenzo
Agrolinz, Inc.
1755 Kirby Parkway, Suite 300
Memphis, TN 38120

Dear Ms. DiRenzo:

Subject: Label Amendment - Revised Label Text
MCPA Amine 4 Herbicide
EPA Registration No. 42545-18
Your Submission dated March 11, 1991

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) Under AMOUNT OF SPRAY TO APPLY, change the amount of spray from aircraft from 1 to 5 gallons to 3 to 5 gallons. The aerial application volume rate of 1 to 5 gallons is unacceptable. Please refer to the previous Agency letter regarding 2,4-D Low Volatile Ester Herbicide dated March 28, 1991 for the reasoning behind this policy.
- 2) Under ESTABLISHED GRASSLAND AND PASTURES, change the amount of sufficient water from 1 to 10 gallons to 5 to 10 gallons.
- 3) Add the appropriate net contents statement to the front panel.

A stamped copy is enclosed for your records. Please submit five (5) final printed copies for the referenced label, incorporating the above changes.

Please note that all future label amendment submissions must include five (5) copies of the sample label.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	4/15/91						

PM 23 42545-18

2078

ACCEPTED
with COMMENTS
EPA Letter Dated:

April 15, 1991

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AGROLINZ, INC.

MCPA AMINE 4

HERBICIDE

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

42545-18

FOR SELECTIVE CONTROL OF CERTAIN WEEDS
IN WHEAT, OATS, BARLEY, RYE, RICE, FLAX,
ESTABLISHED GRASSLANDS AND NON-CROP AREAS

ACTIVE INGREDIENT:

Dimethylamine salt of
2-methyl-4-chlorophenoxyacetic acid*.....48.9%

INERT

INGREDIENTS:.....51.1%

*This product contains 3.7 pounds 2-methyl-4-chlorophenoxyacetic acid per gallon or 39.9% Isomer specific by AOAC Method No. 6.A-18-22 (13th Ed.)

EPA Reg. No. 42545-18

EPA Est. No. 42545-MO-1

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush with plenty of water for at least 30 minutes. Get medical attention.

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE
CALL CHEMTREC (800) 424-9300

Before buying or using this product, read "Warranty Limitations and Disclaimer" elsewhere on this label. If terms are not acceptable, return unopened package at once to seller for full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under the Warranty Limitations and Disclaimer.

PRECAUTIONARY STATEMENTS

DANGER - PELIGRO

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes irreversible eye damage. Wear goggles, face shield or safety glasses. Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Mixers/loaders or applicators are required to use face shields or goggles.

ENVIRONMENTAL HAZARDS

Drift or run-off may adversely affect nontarget plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters. Avoid use of small-diameter spray nozzles. Do not apply when weather conditions favor drift from target area, as this product may injure cotton, beans, other vegetables, certain legumes and ornamentals. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides as such sites to prevent contamination or groundwater supplies. Use of closed systems for mixing and 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

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 through any type of irrigation system.

REENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Protective clothing means, at least, a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body including the arms and legs), shoes and socks. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE

Store in a dry location away from children, animals, foods, feeds, seeds, or other agricultural chemicals.

Do not store below 40°F or expose to subfreezing temperatures.

Handle in accordance with information given under "Precautionary Statements".

In the event of spillage or leakage, soak up material with absorbent clay, sand, sawdust or other absorbent material. Scrape up and dispose of in accordance with information given under "Disposal". Repackage and relabel useable product in a sound container.

In case of fire or other emergency, report at once by toll-free telephone to 800-424-9300.

DISPOSAL

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinseate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

METAL CONTAINERS - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

PLASTIC CONTAINERS - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

USE PRECAUTIONS

Under no circumstances should MCPA Amine Herbicide be used in the vicinity of vegetables, flowers, grapes, tomatoes, cotton, beans and other legumes, etc., or other susceptible crops as severe damage may result. Extreme care must be exercised to prevent drifting of this material. Do not apply on windy days. Coarse sprays are less likely to drift. Do not apply this product through any type of irrigation system. Do not use around the home, recreation areas or similar sites. Equipment used to apply MCPA Amine should not be used to apply other agricultural chemicals to susceptible crops. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

AMOUNT OF SPRAY TO APPLY

Apply 5 to 15 gallons of total spray per acre when making applications with ground equipment and 3 to 5 gallons of total spray per acre when making applications by aircraft, unless directed otherwise under specific directions. Carefully read the Environmental Hazards section of the Precautionary Statements for further information on spray volume.

**CONTROLS THESE WEEDS
SUSCEPTIBLE (MOST AREAS)**

Cocklebur
Dragon head mint
Field pepper grass
Goats beard
Lambsquarters
(goosefoot)

Marsh elder
Mustards (annual)
Puncturevine
Ragweed
Shepherdspurse
Stinkweed

Wild radish
Yellow rocket
or wintercress
and many others

LESS SUSCEPTIBLE

Buttercups
Canada thistle
Dandelions
Hempnettle
Kochia
Pigweed

Plantains
Purslane
Russian pigweed
Sow thistle
Stinging nettle
Sunflower

Vetch
White top
and hoary cress
and many others

DIRECTIONS FOR USE

SELECTIVE SPRAYING: Wheat, Oats, Barley and Rye - Apply as a water mix spray by ground sprayer or airplane. Use 1/2 to 1 pint per acre for the more susceptible weeds after crop has reached the 3 to 4 leaf stage up to boot stage. Use up to 3 pints per acre for less susceptible weeds after crop has tillered and up to early boot stage. Do not spray from boot to dough stage. For small grains underseeded with legumes, see the following paragraph.

SMALL GRAINS: Underseeded with alfalfa, lespedeza, red and white clover: For emergency control of serious infestations of mustard, yellow rocket and other susceptible broadleaf weeds, apply 1/4 to 1/2 pint in not more than 5 to 10 gallons of water per acre. Make application after cereal is well tillered (4 to 8 inches tall) and before reaching boot stage. The nurse crop and weeds should provide a protecting canopy which, together with the use of low gallonage applied at low pressure, will reduce the risk of damage to the legumes. Do not apply to small grains underseeded with vetch or sweet clover, which are very susceptible. There is also some risk to other legumes if only thinly protected by a canopy. Do not forage or graze meat animals on treated areas within 7 days of slaughter.

CANNING PEAS: Use MCPA Amine at 1/4 to 3/4 pint in sufficient water to cover 1 acre. Apply to peas after the 3 node stage and before the first pea flowering. Do not apply during bloom period of crop. To control Canada thistle, use 1/2 to 3/4 pint of MCPA Amine per acre. Peas may be injured somewhat at the higher rate of application, but if thistle growth is heavy, control will more than compensate for injury to peas. Do not feed treated vines to livestock. Do not forage or graze treated pea field.

WEED CONTROL IN RICE: For control of certain broadleaf weeds and sedges, apply 2 to 3 pints of MCPA Amine in 10 to 30 gallons of water per acre. Treat when rice is fully tillered and 6 to 8 inches above water, usually 35 to 65 days after planting. Do not treat when rice is in the early seedling, boot or early heading stages, or when air temperature is over 90°F. Some rice varieties may be less tolerant to MCPA than others. Consult your Agricultural Experiment Station or Extension Service Weed Specialists for appropriate rates and timing of MCPA spray and on the tolerance of rice varieties. Do not grow crayfish or catfish in treated rice fields.

RICE IN CALIFORNIA: For early season broadleaf weed and sedge control in rice, apply 1 to 1-1/2 pints of MCPA Amine Herbicide per acre by air in 8 to 10 gallons of total spray volume when rice is in the 3 to 4 leaf stage, and with well established root systems, usually 18 to 24 days after planting. Applications made during hot weather or at the higher dosage range may cause temporary stunting

of the rice. For maximum effectiveness the weeds should be exposed at time of treatment. If retreatment is necessary, usually 35 to 65 days after planting, the total amount per acre of MCPA Amine applied in the two applications must not exceed 3 pints in one season. Do not grow crayfish or catfish in treated rice fields.

FLAX: Use 1/4 to 1/2 pint. Apply by ground sprayer or by airplane. Use sufficient water to give uniform and adequate coverage. Apply only when weeds are up and when flax is 4 to 8 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada thistle is present, it may be necessary to go as high as 3/4 pint per acre to prevent seed head production. Some injury to the flax may result. Do not forage or graze meat animals on treated areas within 7 days of slaughter.

ESTABLISHED GRASSLAND AND PASTURES: Use 1 to 3 pints per acre in sufficient water (1 to 10 gallons) in airplane or ground sprayer application and give thorough coverage. Use higher rate for white top Canada thistle and other less easy-to-kill weeds; spray perennials in early bud to full bloom stage and also regrowth in fall. Spray other weeds in spring or fall. Do not forage or graze meat animals on treated areas within 7 days of slaughter. Do not forage or graze dairy animals on treated areas within 7 days after treatment.

GRASSES GROWN FOR SEED: Use 1 to 2 pints per acre in sufficient water to give adequate coverage. Use higher rate where weed stands are heavy. In established grasses, apply in spring before head comes into boot and on seedling grass after grass has tillered.

NOTE: In weed control in grasses, repeat treatment may be needed for less susceptible weeds. White clover and other legumes may be temporarily injured or killed. In some areas, bent, buffalo, carpet and St. Augustine grasses may also be injured by the treatment.

RANGE AND TIMBERLANDS: For control of whitebrush - Use 1-1/4 quarts in a mixture of 1 gallon of diesel oil and sufficient water to make 8 gallons of solution per acre. Apply in spring or fall under good moisture conditions, full leaf, before blossoms begin to fall.

NON-CROP SPRAYING

CANADA THISTLE, WHITE TOP AND MEADOW BUTTERCUP (In non-crop areas such as roadsides, fence rows, rights-of-way and similar places): For spot treatment, use 1/4 pint to 3 to 4 gallons of water, or 3/4 gallon per acre in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth. Do not forage or graze livestock or dairy animals on treated areas within 7 days of

treatment. Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station Weed Specialists for specific recommendations for local weed problems and for information on possible lower dosages.

WARRANTY LIMITATIONS AND DISCLAIMER

Seller warrants that this product conforms to the chemical description on the label and is reasonable fit for the purposes stated on the label when used in strict accordance with the DIRECTIONS FOR USE when used under normal conditions. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc) or under conditions not reasonable foreseeable to or beyond the control of seller. When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify seller, in writing, of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of the seller will be one of the following, at the election of the seller:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of the Warranty Limitations and Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations and Disclaimer in any manner.

Manufactured by:

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