

PM 23 1381-98

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 25 1994

Gene R. Currie
CENEX/LAND O'LAKES
BOX 64089
ST. PAUL, MN 55164

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 07/17/93 in Response to PR Notice 93-7
EPA Reg. No. 1381-98
CLASS MCPE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling

AND

- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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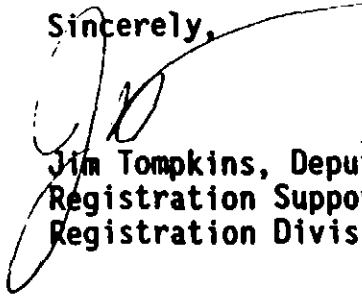
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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WPS Submission

ACCEPTED
with COMMENTS
in EPA Letter Dated
JAN 4 5 1994

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CLASS
CROP PROTECTION

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

1381-98

CLASS
MCPE
PHENOXY HERBICIDE
For Wheat, Barley, Oats, Rye and Flax

ACTIVE INGREDIENT:

2-methyl-4-chlorophenoxyacetic acid*	
isooctyl (2-ethylhexyl) ester.....	68.7%
INERT INGREDIENTS:	<u>31.3%</u>
Total	100.0%

*Equivalent to 44.1% of 2-methyl-4-chlorophenoxyacetic acid
or no less than 3.7 lbs. of MCPA acid per gallon at 68oF.
*Isomer specific by A.O.A.C. Method No. 6.A18-22 (13th ed.)

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

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.)

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

R CLASS is a registered trademark of Cenex/Land O'Lakes Agronomy Company

EPA Reg. No. 1381-98
EPA Est. 407-IA-1

H-92

Distributed by
CENEX/LAND O'LAKES AGRONOMY CO.
St. Paul, MN 55164

NET CONTENTS _____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

Harmful if swallowed. If swallowed, do not induce vomiting. If vomiting
occurs spontaneously, keep airway clear. Never give anything by mouth to
an unconscious person. Call physician immediately.

Causes eye and skin irritation. Do not get in eyes, on skin, or on
clothing. In case of contact, immediately flush eyes or skin with plenty
of water for at least 15 minutes. For eyes, call a physician. Get medical
attention if skin irritation persists. Remove and wash contaminated
clothing before reuse.

Personal Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on a EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves, such as neoprene, nitrile rubber, barrier laminate, or vitron
- Shoes plus socks.
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturers instructions for cleaning or maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statement:

- When handlers use closed systems, enclosed cabs, or aircraft, in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, 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.
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ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or runoff adversely affect aquatic invertebrates and non-target plants. For terrestrial uses, do not apply directly to water, to areas where surface water is present, or to intertidal areas below mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

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 at such sites to prevent contamination of 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.

Wash spray equipment thoroughly with CLASS Protank Cleaner after using this product. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box apply only to uses of this product that are covered by the Worker Protection Standard

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves, such as neoprene, nitrile rubber, barrier laminate, or vitron
- Shoes plus socks.
- Protective eyewear.

Do not apply this product around houses, recreation sites, or similar areas.

STORAGE AND DISPOSAL

STORAGE: Store in a secure area, in original container only, away from fertilizers, food, or feed.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of 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. Do not contaminate water, food, or feed by storage or disposal.

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.

CONTAINER DISPOSAL: 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.

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GENERAL INFORMATION

This product is recommended to control certain weeds in wheat, oats, barley, rye, flax, grassland, fence rows and roadsides and other similar non-crop areas.

This product is recommended to control the following as well as many other noxious plants susceptible to MCPA.

More Susceptible Weeds:

Annual sowthistle	Pepperweed, field
Beggarticks	Poison hemlock
Cocklebur	Puncturevine
Dragonhead mint	Ragweed
Goatsbeard	Shepherdspurse
Hempnettle	Stinkweed (fanweed Pennycress)
Lambsquarter	Wild radish
Marshelder	Yellow Rocket (Wintercress)
Mustards (except blue)	

Less Susceptible Weeds:

Buttercups	Purslane
Canada Thistle	Russian pigweed
Chervil	Russian thistle
Dandelion	Stinging nettle
Miner's lettuce	Sunflower
Perennial sowthistle	Vetch
Plantains	Whitetop (Hoarycress)

USE PRECAUTIONS

Avoid spray drift by making applications when conditions such as wind, air stability and temperature inversions are not a factor. The use of CLASS Precision Drift Control Agent at the proper rate will aid in the reduction of spray drift.

Use care to avoid spray contact or drift to susceptible plants such as beans and other legumes, cotton, flowers, grapes, vegetables, and other plants. Do not permit spray mist containing this product to drift onto them since even very small quantities of the spray, which may not be visible, can cause severe injury during both growing and dormant periods.

With ground equipment, spray keeping the spray boom as low as possible, applying high spray volumes, using low nozzle pressure with flat fan or flooding flat fan nozzle tips within the capabilities of the application equipment. Do not apply with hollow cone-type insecticide or other nozzles that produce a fine droplet spray. With aircraft application, spray using high spray volumes, low nozzle pressure within the capabilities of the application equipment. At high temperatures, (above 95 oF) vapors from this product may injure susceptible plants growing nearby. Do not use in or around greenhouses.

Do not apply this product through any type of irrigation system.

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Note: Local conditions, crop varieties and application regulations vary and may affect use of this herbicide. Consult local agricultural experiment station or extension service weed specialists and state regulatory agencies for recommendations in your area.

Note: When stored at temperatures below freezing, it may be necessary to warm contents to 70oF and mix thoroughly before using.

Preparation of the Spray: Mix the recommended amount of product with the volume of water indicated under each crop listing. Best results are obtained when spraying is done while weeds are young and actively growing.

FIELD CROPS

Wheat, Oats, Barley and Rye -- For aerial application, apply the recommended amount in a minimum of 1 gallon of water per acre. Use 3 or more gallons under adverse growing conditions. For ground application, apply the recommended amount in a minimum of 3 gallons of water per acre. Use 10 or more gallons under adverse growing conditions.(Fall planted) 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 (Zadoks 13 to 40). Apply as a water mix spray. Use up to 3 pints per acre for less susceptible weeds after crop has tillered and up to early boot stage (Zadoks 25 to 40). Do not spray from boot stage to dough stage (Zadoks 40 to 80).

Flax -- For aerial application, apply the recommended amount in a minimum of 1 gallon of water per acre. Use 3 or more gallons under adverse growing conditions. For ground application, apply the recommended amount in a minimum of 3 gallons of water per acre. Use 10 or more gallons under adverse growing conditions. Use 1/4 to 1/2 pint per acre. Apply only when weeds are up and when flax is 4 to 8 inches high and before bud stage. Treatment after early bud stage may result in severe damage. If Canada thistle is present, up to 3/4 pint per acre may be necessary for control. Flax may be injured at this higher rate. Do not forage or graze meat animals on treated areas within 7 days of slaughter.

PASTURES AND RANGE LAND

Grassland (Established grassland) Apply 1 to 3 pints per acre. For aerial application, apply the recommended amount in a minimum of 1 gallon of water per acre. Use 3 or more gallons under adverse growing conditions. For ground application, apply the recommended amount in a minimum of 3 gallons of water per acre. Use 10 or more gallons under adverse growing conditions. Use higher rate for Whitetop, Canada thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and during active regrowth in fall. Other weeds may be controlled during spring or fall when actively growing.

Grasses (grown for seed) Apply 1 to 2 pints per acre. For aerial application, apply the recommended amount in a minimum of 1 gallon of water per acre. Use 3 or more gallons under adverse growing conditions. For ground application, apply the recommended amount in a minimum of 3 gallons of water per acre. Use 10 or more gallons under adverse growing conditions. Use the 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: For weed control in grasses, repeat treatment may be needed for less susceptible weeds. In some areas bent, buffalo, carpet and St. Augustine grasses may also be injured by treatment. Do not forage or graze meat animals on treated areas within 7 days of slaughter.

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CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES

DO NOT use on alfalfa, clover, other legumes or newly seeded areas.

Apply 1 to 3 pints per acre. For aerial application, apply the recommended amount in a minimum of 1 gallon of water per acre. Use 3 or more gallons under adverse growing conditions. For ground application, apply the recommended amount in a minimum of 3 gallons of water per acre. Use 10 or more gallons under adverse growing conditions. Use higher rate for Whitetop, Canada thistle and other less susceptible weeds. Spray perennials in early bud to full bloom stage and during active regrowth in fall. Other weeds may be controlled during spring or fall when actively growing. In established grasses apply in spring before head comes into boot and on seedling grass after grass has tillered. Repeat treatment may be needed for less susceptible weeds.

FOR SET-ASIDE ACRES -- Once the Agricultural Stabilization & Conservation Service has released Set-Aside Acres for grazing, do not allow dairy animals or animals being finished for slaughter to forage or graze treated fields within 7 days after treatment.

FOR CONSERVATION RESERVE PROGRAMS -- Do not harvest or graze at any time.

NON-CROP USES

Non-Crop Areas (Fence rows, roadsides; aerial and surface applications): For spot treatment of Canada thistle, Whitetop and Meadow buttercups use 1/2 pint in 3 to 4 gallons of water. For more extensive areas use 3/4 gallon of this product per acre. Spray to wet weeds thoroughly when in bud to early bloom and again during active fall regrowth. Do not forage or graze livestock on treated areas within 7 days of treatment.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Direction for Use label copy and/or booklet ("Use Directions") when used in accordance with those Directions under the conditions described therein. **NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OF MERCHANTABILITY IS MADE.** This warranty is also subject to the conditions and limitations stated therein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop, or treated vegetation.

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THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF LIABILITY OF OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

In case of emergency involving this product or for user safety information on this product, contact Cenex/Land O'Lakes via CHEMTREC at 1-800-424-9300.