

PM 23 - 1381-98

1027

JUN 14 1996

Gene R. Currie
 Cenex/Land O'Lakes Agronomy Company
 P.O. Box 536
 Hampton, IA 50441

Dear Mr. Currie:

SUBJECT: Label Amendment
 Class MCPE Phenoxy Herbicide
 EPA Registration No. 1381-98
 Your Application Dated March 12, 1996

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

- As noted in the Agency's February 13, 1996 correspondence, the following statement should be added and located under the "Ingredients Statement":
"Product Contains Petroleum Distillates".

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

Sincerely yours,

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

Enclosure

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	DMorgan							
DATE ▶	Jun 13, 1996							

(R)
CLASS
CROP PROTECTION

2047
OPP ID NO. 213782

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUN 14 1996

(R)
CLASS
MCPE
PHENOXY HERBICIDE
For Wheat, Barley, Oats, and Rye

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
1381-98

ACTIVE INGREDIENT:		
2-methyl-4-chlorophenoxyacetic acid*		
isooctyl (2-ethylhexyl) ester.....		68.7%
INERT INGREDIENTS:		31.3%
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-1S, 2H, MN-1
Superscript corresponds to letter in lot number

B-96WPS
Generic Wheat

Distributed by CENEX/LAND O'LAKES AGRONOMY CO. St. Paul, MN 50164

NET CONTENTS _____

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING

Harmful if swallowed, inhaled, or absorbed through skin. Causes skin irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting. Do not give anything by mouth to an unconscious person. Avoid alcohol.

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

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

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

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 viton.
- 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 manufacturer's 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 or modified as specified in the WPS.

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 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 the 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.

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 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 or nitrile rubber or barrier laminate or viton.
- Shoes plus socks.
- Protective eyewear.

STORAGE AND DISPOSAL

STORAGE: Store in a secure area, in original container only, away from fertilizers, food, or feed. Do not contaminate water, food, or feed by storage or disposal.

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.

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.

This product is recommended for controlling the following as well as many other plants susceptible to MCPA.

ANNUAL AND BIENNIAL WEEDS

Annual sowthistle, Beggarticks, **Chervil, Cocklebur, Fanweed (pennycress), *Goatsbeard, *Hempnettle, Lambsquarter, *Marshelder, Miner's lettuce, Mustards (except blue), Pepperweed (field), Poison hemlock, *Puncturevine, Pigweed, *Purslane, Ragweed, **Russian thistle, *Shepherdspurse, Stinkweed, Sunflower, Wild radish.

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PERENNIAL WEEDS

Buttercup, *Canada Thistle, Dandelion, Dragonhead mint, Stinging nettle, Perennial sowthistle, Plantains, Vetch, *Whitetop (Hoary cress). *Yellow Rocket (Wintercress).

* Use the higher rate for control. Repeat treatments may be necessary.

** Regrowth may occur after repeat applications.

USE PRECAUTIONS

Unless noted otherwise under individual DIRECTIONS section, for aerial application, apply the recommended amount in a minimum of 2 gallons of water per acre. For ground application, apply the recommended amount in a minimum of 10 gallons of water per acre. Use more water for both methods when adverse growing conditions are present. DO NOT apply with high spray pressures, hollow cone or other nozzles types that produce small spray droplets which may drift. Avoid spray drift by making applications when conditions such as wind, air stability and temperature inversions are not a factor. The use of a suitable drift control agent at the proper rate will aid in the reduction of spray drift.

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

MIXING INSTRUCTIONS

WATERBASED SPRAY -- Fill the equipment half full of water, agitate while adding this product, then add rest of water.

Wash spray equipment thoroughly with CLASS R PROTANK TM cleaner after using this product. When cleaning, do not pour washwater on the ground: spray or drain over a large area away from wells or other water sources.

Consult local agricultural experiment station or extension service weed specialists for use 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.

WHEAT, BARLEY, OATS, AND RYE

WEEDS	AMOUNT OF CLASS (R) MCPE PER ACRE	DIRECTIONS
Annual weeds	1/2 pint	Apply when weeds are small.
Annual and biennial weeds	1 to 1-1/2 pints*	Apply after crop has reached the 3 to 5 leaf stage up to the early boot stage (Zadoks 13 to 40).
Perennial weeds	3 pints*	For less susceptible weeds, use the 3 pint rate after the 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).

* Higher rate may cause grain injury. Any legumes present may be killed

RESTRICTIONS AND LIMITATIONS FOR SMALL GRAINS

Do not forage or graze treated areas for 7 days after application.

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PASTURES, RANGELAND, CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES

WEEDS	AMOUNT OF CLASS (R) MCPE PER ACRE	DIRECTIONS
Established grasses* Annual and biennial weeds	1 to 3 pints	Apply to established grasses before the head comes into boot and on seedling grasses, after the grass has at least 5 leaves (tillered).
Canada thistle and whitetop (hoary-cress)	3 pints	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.

* Do not use on alfalfa, clover, other legumes or newly seeded areas.

RESTRICTIONS AND LIMITATIONS FOR PASTURES, RANGELAND, CONSERVATION RESERVE PROGRAMS AND SET-ASIDE ACRES
Do not forage or graze treated areas for 7 days after application.

GRASSES GROWN FOR SEED

Do not use on alfalfa, clover, other legumes or newly seeded areas.

WEEDS	AMOUNT OF CLASS (R) MCPE PER ACRE	DIRECTIONS
Annual and perennial weeds	1 to 2 pints**	Apply to established grasses before the head comes into boot. Do not spray in boot stage. Apply to seedling grasses after grass has at least 5 leaves. Use the higher rate where weeds stands are heavy.

** Repeat treatment may be needed for less susceptible weeds. In some cases Bent, Buffalo, Carpet and St. Augustine grasses may be injured by this treatment.

RESTRICTIONS AND LIMITATIONS FOR SEED GRASSES
Do not forage or graze treated areas for 7 days after application.

NON-CROP USES

Fence Rows, Roadsides, Rights-of-Way and Other Non-Crop Areas

WEEDS	AMOUNT OF CLASS (R) MCPE PER ACRE	DIRECTIONS
Extensive areas	3/4 gallon	Apply in minimum of 2 gallons of water per acre by air and from 20 to 100 gallons of water by ground. Spray when weeds are in bud to early bloom and again during active fall regrowth.
Spot treatment Canada thistle, whitetop (hoary-cress) and buttercup	1/2 pint	Apply in 3 to 4 gallons of water. Spray to thoroughly wet weeds.

RESTRICTIONS AND LIMITATIONS FOR NON-CROP AREAS
Do not forage or graze treated areas for 7 days after application.

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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.

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.