

PM 23 1381-145
Imperial INC.

1075

GENERAL OFFICE

P. O. Box 98
W. Sixth Ave.
Shenandoah, Iowa 51601 — 0098
712-246-2150

BRANCH PLANT

P. O. Box 333A
Highway 13 North
Albert Lea, Minnesota 56007 — 9683
507-373-2566

February 3, 1993

Joanne I. Miller, Product Manager 23
U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (H7505C)
410 M Street S. W.
Washington D.C. 20460

Dear Ms. Miller:

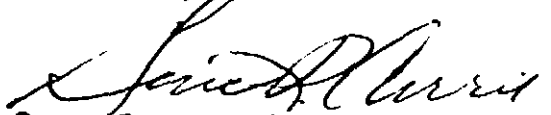
Subject: Revised labeling and certification of compliance for 2,4-D products.

For label copy bearing sod farm and pastures;

I, being an authorized representative of Cenex/Land O'Lakes certify that all containers of 4 LG 1381-145 produced by October 23, 1993 will bear revised labeling in accordance with the revised labeling required for Task Force technical and manufacturing-use products. I further certify that all containers of said product sold and distributed by this company by April 15, 1994 will bear revised labeling in accordance with the revised labeling required for Task Force technical and manufacturing-use products.

Please note that this submission will be marketed as a "split label", and label copy for both types, sod farms, and pastures and rangeland inclusive, and residential and other turf sites (excluding sod farms) is being submitted.

Sincerely;


Gene R. Currie
Regulatory Affairs Manager

2075

Task Force changes, sodfarm and pastures submission.

**YARDMASTER
4LG DANDELION CONTROL**

An Amine Formulation of 2,4-D to Control
Dandelions, Knapweed, & Certain Broadleaf Weeds in Turf

ACTIVE INGREDIENT:

Dimethylamine salt of 2,4-dichlorophenoxyacetic acid* ... 47.3%

INERT INGREDIENTS: 52.7%

Total 100.0%

2,4-dichlorophenoxyacetic acid equivalent 39.3% -- 3.8 Lb./gallon

*Isomer Specific by AOAC Method No. 6. DOI-5

KEEP OUT OF REACH OF CHILDREN

**DANGER
PELIGRO**

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 1381-145
EPA Est. No. 407-IA-1

A-93

NET CONTENTS _____

Distributed by
CENEX/LAND O'LAKES AGRONOMY COMPANY
St. Paul, MN 55164-0089

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

DANGER

Corrosive, causes eye damage. Do not get in eyes. Wear goggles or face shield when handling. Harmful if absorbed through skin. Avoid contact with skin. In case of contact, 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.

Harmful if swallowed. If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Never give anything by mouth to an unconscious person. Seek medical attention.

Do not feed treated straw to livestock. Do not graze pastures to dairy animals within seven days after treatment.

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 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.

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.

DIRECTIONS FOR USE

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

When mixing, loading, or applying this product or repairing or cleaning equipment used with this product, wear eye protection (face shield or safety glasses), chemical-resistant gloves, long-sleeved shirt, long pants, socks and shoes. For aerial applicators in enclosed cockpits and applicators applying this product from a tractor that has a completely enclosed cab, eye protection is not required.

NOTE TO THE EPA REVIEWER OF THIS LABEL:

Containers over 1 gallon and less than 5 gallon will bear the following statement at this location: "Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more will bear the following statement at this location: "A mechanical system (probe and pump) must be used for transferring the contents of this container. If the contents of a non-refillable container are emptied, the probe must be rinsed before removal.

Wash hands, face and arms with soap and water as soon as possible after mixing, loading or applying this product. Wash hands, face and arms with soap and water before eating, smoking, or drinking. Wash hands and arms before using toilet. After work, remove all clothing and shower using soap and water. Do not reuse clothing worn during the previous days mixing and loading or application of this product without cleaning first. Clothing saturated clothing as soon as possible and shower.

REENTRY STATEMENT

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. Do not enter treated areas without protective clothing for 48 hours after treatment.

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.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. The PRECAUTIONARY STATEMENTS should be read to workers as well as the instruction not to enter until sprays have dried. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: "DANGER: Area treated with 2,4-D on (date of application). Do not enter without appropriate protective clothing for 48 hours after treatment."

STORAGE AND DISPOSAL

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

STORAGE: Store in a secure area, in original container only, away from fertilizers, food, or feed. Do not store near insecticides or fungicides.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law and may contaminate groundwater. 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: 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.

When stored at temperatures below freezing, it may be necessary to warm contents to 45o F and mix thoroughly before using.

Avoid spray drift to susceptible plants, such as tomatoes, beans, peas and ornamentals. Coarse sprays are less likely to drift. Spray when air is calm. Under very high temperatures vapors of this product may injure susceptible plants in the immediate vicinity.

Do not spray grasses during periods of drought unless area has been watered thoroughly for several days before treatment.

Do not use the same spray equipment for other purposes. A sprayer used for weed control may still contain residues even after cleaning.

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

Apply when weeds are actively growing. Do not apply to newly seeded areas until grass is well established. (For lawns, wait until they have been mowed twice). Do not apply to dichondra or other herbaceous ground covers or to creeping grasses such as bent. Do not reseed until 3 weeks after treatment. To be sure, reseed in fall after spring treatment and in spring after fall treatment.

Use of this product will control the following broadleaf weeds, plus many others. Use of the lower dose rate will give adequate control of most of them, however, difficult to control weeds such as sheep sorrel, bindweed, chickweed, clover, creeping jenny, and other deep-rooted perennials may require the higher dose rate or a repeat application.

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|-----------------|---------------|----------------------|--------------------|
| beggarticks | elderberry | morning glory-annual | |
| bindweed, hedge | fanweed | mustards | sowthistle, annual |
| bitterweed | galinsoga | nettles | spanish needles |
| blueweed, Texas | garlic, wild | nutgrass | stinkweed |
| boxelder | goatsbeard | onion, wild | sumac |
| broomweed | goldenrod | pennycress | sunflower |
| buckwheat, wild | groundivy | pennywort | sweetclover |
| bulrush | hemp, dogbane | pepperweed, field | tansymustard |
| burdock | hemp, wild | pigweed | tansyragwort |
| burhead | hoary cress | plantains | thistle, bull |
| carpetweed | honeysuckle | poison ivy | thistle, Canada |
| catnip | iron weed | poorjoe | thistle, musk |
| chamise | jewelweed | purslane | thistle, Russian |
| chickweed | jimsonweed | rabbitbrush | tumbleweed |

chicory	knapweed, Russian	radish, wild	velvetleaf
cocklebur	kochia	ragweed	vervains
coffeeweed	lambsquarter	redstem	vetch
cornflower	loco, Big Bend	rape, wild	water plantain
creeping jenny	mallow, Venice	salsify	willow
croton	manazanita	shepherdspurse	witchweed
dandelion	marshelder	sicklepod	wormwood
docks	milkvetch	smartweed	yellow rocket
dogfern	milkweed	sneezeweed, bitter	yellow starthistle

HOSE END SPRAYERS -- Place sprayer jar on flat surface and add the correct amount of 4LG in either ounces or milliliters, then add the correct amount of water. Use 1-1/2 oz. or 3 Tbls. or 44 ml for the high dose rate; 3/4 oz. or 1-1/2 Tbls. or 22 ml of 4LG for the low dose rate diluted with water to the 3 to 5 gallon mark on the sprayer jar for each 1000 sq. ft. (20' X 50') of lawn area to be sprayed. Adjust water pressure so that stream sprays 10 to 15 feet out with no misting. Take precautions against spray drift.

KNAPSACK, HAND HELD OR SMALL PRESSURE SPRAYERS -- Use 1-1/2 oz. or 3 Tbls. or 44 ml for the high dose rate; 3/4 oz. or 1-1/2 Tbls. or 22 ml of 4LG for the low dose rate in 3 gallons of water for each 1000 sq. ft. of area (20' X 50').

LARGER AREAS SUCH AS NON-CROP GRASS AREAS, GOLF COURSES, CEMETERIES, PARKS, AIRFIELDS, ROADSIDES, VACANT LOTS, DRAINAGE DITCHBANKS AND SOD FARMS -- Use 1 to 2 quarts per acre in 100 gallons of water. Cenex/Land O'Lakes 17% Concentrate or other adjuvant may be added to increase effectiveness. Spray woody plants to run-off when fully leafed out and growing. Avoid spraying when plants are not actively growing such as mid-summer. Reseeding the treated areas should be delayed until the following season. Deep-rooted perennials may require repeated treatments.

PASTURES AND RANGE LAND -- NOTE: DO NOT apply after heads form or when grass is in boot to milk stage when a seed crop is desired. DO NOT use on alfalfa, clover, other legumes, or newly seeded pastures. DO NOT allow dairy animals to graze treated areas within 7 days of application. DO NOT harvest grass for hay within 30 days of application. Remove meat animals from treated pastures or rangeland 3 days before slaughter.

--Broadleaf Weeds: Apply 2 quarts per acre in sufficient water for good coverage. Deep-rooted perennial weeds may require repeated treatments.

--Brush: Apply 2 quarts in 5 to 10 gallons of water plus the labeled amount of CENEX/Land O'Lakes 17% Concentrate or other adjuvant per acre for Buckbrush, Rabbitbrush, Sagebrush, Coyotebrush and other Chaparral Species. Apply 2 quarts in 4 gallons of water plus the proper amount of CENEX/Land O'Lakes 17% Concentrate or other adjuvant per acre for Sand Shinnery Oak.

SPOT TREATMENT -- To control the listed weeds with a hand sprayer, use 4 oz. in 3 gallons of water. Mix thoroughly, and spray to run-off. This high dosage rate may only be used where injury can be tolerated.

NOTICE: Buyer assumes all risk of use, storage, or handling when not in strict accordance with directions given herewith.