

Reg # 7969-25

PM-23

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 13 1991

Khalid H. Akkari, Ph.D.
BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709-3528

Dear Dr. Akkari:

Subject: Revised Label Text
U-46 D6 Herbicide
EPA Registration No. 7969-25
Your Submission Dated October 3, 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) The acid equivalency statement below the active ingredient within the ingredients statement should have a different right and left margin than the ingredients themselves. It is preferred that all acid equivalency statements be grouped together beneath the entire ingredients statement. In this case the margins would be irrelevant.

2) Please note the typographical error in the protective clothing statement.

A stamped copy is enclosed for your records. Please submit three (3) final printed copies for the referenced label, incorporating the above changes.

Sincerely yours,

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

Enclosure

CONCURRENCES

SYMBOL	H7505C						
SURNAME	D. KENNY						
DATE	10/29/91						

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U-46™ D6

2,4-D Non-volatile Amine Salt Herbicide

For the selective control of many broadleaved weeds in non-crop areas and in certain crops.

Active Ingredient:

Dimethylamine Salt of

2,4-Dichlorophenoxyacetic acid 69.5%

2,4-Dichlorophenoxyacetic Acid Equivalent 57.7%

Inert Ingredients 30.5%

Acid Equivalent: 6 Pounds Per Gallon

CAUTION

KEEP OUT OF REACH OF CHILDREN

Statement of Practical Treatment

If in eyes, flush eyes with plenty of water for 15 minutes and get medical attention.

If swallowed, induce vomiting by touching the back of the throat or give strong salt water to drink. Repeat until vomit is clear. Never induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If on skin, wash skin with soap and water.

See Side Panel for Additional Precautionary Statements.

Net Contents 1 gal.

Made In West Germany

BASF CORPORATION
Agricultural Products
PO Box 13528
Research Triangle Park
North Carolina 27709-3528

EPA Est. No. 7969-WG-01

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DIRECTIONS FOR USE

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

Local conditions may affect the use of herbicides. We believe the following instructions can be depended upon but users are advised to follow recommendations of local agricultural experiment station and extension service weed control specialists regarding the quantity of water and of U-46 D6 to be used.

GENERAL INFORMATION: The smaller doses are usually satisfactory for susceptible and young tender and succulent weeds. For more resistant weeds and under conditions where control is difficult, use the higher dosages.

Use the recommended quantity per acre of U-46 D6 with enough water for uniform distribution. To prepare to spray, first add one-half of the water to the tank, then add the U-46 D6, stirring the mixture, and finally add the rest of the water with constant stirring. Apply when weeds are tender and actively growing using moderate pressure.

FOR ROADSIDES AND OTHER NON CROP AREAS: Apply from 1 to 2 pints of U-46 D6 per acre in a convenient amount of water so that the entire area can be sprayed uniformly with equipment available.

Observe the following intervals for Pastures and Rangeland:

- (A) A 7-day pregrazing interval for dairy cattle;
- (B) A 30-day preharvest interval for grass cut for hay; and
- (C) A preslaughter interval for meat animals of 3 days.

FOR CROPLAND USES: Consult table listing crops and other applicable information.

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RECOMMENDED U-46 D6 HERBICIDE DOSAGES FOR CROPLAND Read Complete Directions Before Using				
CROP	U-46™ D6 (Amount Per Acre)	WHEN TO USE	GALLONS OF SPRAY PER ACRE	REMARKS
Sugar Cane	1-1½ qt	preemergence*	30-50	Use lower rates on sandy soils. Clay soils may require higher rates.
	¾-1½ qt	postemergence	30-50	Use as overall application when weeds are small. Apply in spring after sugarcane emerges and through lay-by.
	1 tablespoonful per gallon of spray	spot	5-10	Apply as a directed spray, wetting weeds well.
Rice	1-1½ pt	postemergence	5-10	Apply when rice is in late tillering stage before boot or panicle development. This is usually 4-8 weeks after emergence. When flooded, treat 7-9 weeks after seeding, 3-21 days after plants have emerged above water and leaves are standing erect. Do not apply after seed stalks have emerged.
Corn	¾-1½ qt	preemergence*	10-20	Apply 3-5 days after planting but before corn emerges. Do not treat very light sandy soils.
	¾ qt.	emergence	5-10	Apply just as the seeding corn is breaking through the ground.
	¾ pt	postemergence	5-10	If corn plants are over 8 inches tall, use directed spray. Do not apply from tasseling to dough stage.
Grass Pastures	1-2 pt	postemergence	5-10	Most legumes including clover and newly seeded pasture may be severely damaged. Do not graze by dairy animals within 7 days after treatment.
* Best results from preemergence treatment are obtained when soil is well-pulverized and in good seed bed condition.				

WEED LIST

U-46 D6 IS RECOMMENDED FOR CONTROLLING THE FOLLOWING:

alligatorweed	peppergrass	thistles
docks	pigweed	vetch
fanweed	plantains	wild carrot
lambsquarters	shepherdspurse	wild morning glory
mustards	tarweed	wild radish

and many other broadleaved weeds without injury to most grasses. Use on lawns, golf courses, parks, playgrounds and other recreational areas; along highways and railroads rights-of-way; on air-fields, drainage ditch banks, pasture lands, around farm buildings, and in field crops such as listed on this label.

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PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

CAUTION

Harmful if swallowed. May cause irritation of skin and eyes. Do not get in eyes, on skin or clothing.

Remove and wash contaminated clothing before re-use. Do not wear contaminated shoes.

When handling this product wear chemical resistant gloves.shoes.

Environmental Hazards

Aquatic Uses: This product is toxic to fish and aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. Do not apply directly to water (lakes, streams, ponds) except as specified on this label. Do not contaminate water when disposing of equipment washwaters.

Nonaquatic Uses: This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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.

Groundwater Contamination: 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.

Other: Do not apply BASF U-46 D6 Herbicide directly to or otherwise permit it to come into contact with vegetables, flowers, grapes, fruit trees, ornamentals, papaya, cotton, or other desirable plants which are sensitive to 2,4-D-similar materials, and do not permit spray mist containing it to drift onto them, since even minute quantities of the spray may cause severe injury during both growing and dormant period. (Coarse sprays are less likely to drift.) Accordingly, applications by AIRPLANE, GROUND RIGS AND HAND DISPENSERS SHOULD BE CARRIED OUT ONLY WHEN THERE IS NO HAZARD FROM DRIFT. DO NOT APPLY BY AIRPLANE IN THE VICINITY OF COTTON, GRAPES OR OTHER DESIRABLE SUSCEPTIBLE VEGETATION. Do not contaminate irrigation ditches or water used for domestic purposes. Do not store near fertilizers, seeds, insecticides or fungicides. Excessive amounts of 2,4-Dichlorophenoxyacetic acid in the soil may temporarily inhibit seed germination or plant growth. To avoid injury to desirable plants, do not store, handle or apply other agricultural chemicals with the same containers or equipment used for BASF U-46 D6.

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NOTE: A tablespoonful in two gallons of water is about equal to one pound of 2,4-D in 100 gallons of water.

STORAGE AND DISPOSAL

Storage: Do not store near other pesticides or seeds.

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 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 approved State and local procedures.

LOCAL CONDITIONS MAY AFFECT THE USE OF HERBICIDES. STATE AGRICULTURAL EXPERIMENT STATIONS OR EXTENSION SERVICE WEED SPECIALISTS IN MANY STATES ISSUE RECOMMENDATIONS TO FIT LOCAL CONDITIONS.

Be sure that use of this product conforms to all applicable regulations.

WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but 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, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. The exclusive remedy of use or buyer and the limit of liability of BASF CORPORATION is the purchase price paid for the quantity of product involved.

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