

BEST DOCUMENT AVAILABLE

ACCEPTED
WITH COMMENTS
in EPA Letter Dated:

OCT 22 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, 7 U.S.C. 135
Registration No. 1258-1044

DIRECTIONS FOR USE

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

COTTON, FIELD CORN, WHEAT ... To delay maturation of any
nutritional or urea based fertilizer by reducing the activity of Nitrosomonas
soil bacteria. Apply Dwell 4E at the rate of 1 quart per acre as a fall or spring
pre-plant or at planting band or broadcast application in conjunction with
urea or ammonia based fertilizers. This granular application may be made at
a rate of 1/2 lb Dwell per acre. **INCORPORATE ALL SURFACE
APPLICATIONS BY TILLAGE OR IMMEDIATELY AFTER APPLICATION**
to a depth of 2 to 4 inches (5 to 10 centimeters) below the soil surface.
Do not feed or forage the treated cotton. Do not use treated corn or wheat as
feed or forage within 4 months of application.

ANHYDROUS AMMONIA Apply Dwell 4E as a band application in
conjunction with anhydrous ammonia. Application may be made using stan-
dard ammonia application equipment equipped with in-line or Y-tube injec-
tion systems, or dual tube knives. Apply with suitable metering equipment.
DO NOT tank mix with anhydrous ammonia. Apply at the standard ammonia
injection depth.

UREA OR LIQUID SOLUTION FERTILIZERS Apply Dwell 4E as a tank mix
combination with liquid urea or liquid fertilizers using appropriate application
equipment. To test for compatibility in liquid fertilizers place 1 pint of the
fertilizer mixture and 2 teaspoonsful of Dwell in a quart jar. Close jar and
shake well. Observe the mixture at once and again after 30 minutes. If a
stable emulsion is formed, no compatibility agent is required. If the mixture
balls up or forms an oily layer at the top of the fertilizer, an appropriate
compatibility agent is recommended. If a precipitate forms or the mixture
takes, or the Dwell cannot be physically mixed with the fertilizer, Dwell and
the liquid fertilizer should not be used together in the same spray tank. See
overlay application if incompatibility exists. To insure a uniform mixture
application in tanks is recommended.

DAILY OR GRANULOPULVER FERTILIZERS See overlay for broadcast or
band dry fertilizer applications.

PRE-REGULATED FERTILIZERS Dwell 4E may be coated on dry urea or
ammoniacal forms of fertilizer using suitable equipment designed for im-
pregnation of fertilizers. Treated fertilizers should be impregnated daily in
accordance with instructions.

OVERLAY WITH FERTILIZERS Applications may be made in conjunction
with all liquid or dry forms of ammoniacal or urea based fertilizers at a water
mulsion broadcast spray alone or in combination with pre-plant incorporate
related herbicides in surface water to assure uniform application.

STORAGE AND DISPOSAL

PRECAUTIONS Do not contaminate water, food or feed by storage
or disposal. Open dumping is prohibited. Do not reuse empty
containers.

PESTICIDE DISPOSAL Spray mixture or residue that cannot be
used according to label instructions must be disposed of accord-
ing to Federal, State or local procedures under the Resource Con-
servation and Recovery Act.

CONTAINER DISPOSAL These units for equivalent and offer for
recycling or reconditioning or dispose of in a sanitary landfill or
by incineration if permitted by State and local authorities.



Dwell 4E

nitrification inhibitor

| | |
|--|--------|
| ACTIVE INGREDIENT | 44.0% |
| 5-Ethoxy-3,4-dichloromethyl-1,2,4-thiazazole | 44.0% |
| INERT INGREDIENTS | 56.0% |
| TOTAL | 100.0% |

*U.S. Patents 3,263,588 and 3,260,725, others pending.

(Contains 4 lbs. 5-Ethoxy-3,4-dichloromethyl-1,2,4-thiazazole per U.S. gallon at 68°F.)

EPA Reg. No. 1258-1044

EPA Est. 1-58MS-1

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

KEEP OUT OF REACH OF CHILDREN

WARNING

Warning: May be fatal if absorbed through skin. Causes eye irritation. Harmful if swallowed or inhaled. Do not breathe vapors. Do not get in eyes, on skin or on clothing. Wash contaminated clothing prior to reuse. When handling or using the concentrate, wear natural rubber gloves and eye protection.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, do not induce vomiting. Contains petroleum hydrocarbons. Obtain prompt medical attention. In case of skin contact, wash affected areas thoroughly with soap and warm water and flush with water for 15 minutes. If in eyes, flush with plenty of water for at least 15 minutes. If inhaled, remove to fresh air.

ENVIRONMENTAL HAZARDS

This material is toxic to fish. Avoid contamination of lakes, ponds and streams. Do not apply directly to water.

PHYSICAL OR CHEMICAL HAZARDS

Do not use near heat or flames and avoid open flame.

DWELL and are trademarks of Olin Corporation.

NET CONTENTS
5 GALLONS

BEST DOCUMENT AVAILABLE

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OCT 22 1982

Olin Corporation
P.O. Box 38-275
2755 Winchester Avenue
New Haven, CT 06511

Attention: Mr. J. C. Rockwell

Gentlemen:

Subject: Dwell 4E
EPA Registration No. 1258-1044
Your letter of July 30, 1982

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(B), is acceptable, provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit production information (pounds or gallons produced) for this product for the fiscal year in which the use(s) on field corn and wheat is (are) conditionally registered, in accordance with FIFRA sec. 29. The fiscal year begins October 1 and ends September 30. Production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year.

This information should be submitted to:


Process Coordination Branch
Registration Division (TS-767)
Environmental Protection Agency
Washington, D.C. 20460

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,


Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TE-767)

Enclosure

TE-767; Jacoby; DCR-03794; WANG-0489C; hk; Haven; 479-2013; 10/1/82