

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

310/5443714
1758

-7 JUL 1993

Ms. Cheryl Bohenic
Regulatory Assistant
ZENECA Ag Products
Post Office Box 751
Wilmington, Delaware 19897

Dear Ms. Bohenic:

Subject: Revised Labeling
-Add New Pest, Reduce Rate and Revise Label Chart
FORCE 1.5G Insecticide
EPA File Symbol 10182-130
Your Amended Application Dated December 8, 1992

The revised labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is accepted. A stamped copy of the labeling is enclosed for your record.

Please note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure:

CONCURRENCES

SYMBOL	7.7.93						
SURNAME	H7505C						
DATE	HH						

RESTRICTED USE PESTICIDE
Toxic to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

FORCE® 1.5G Insecticide

For Use to Control Insects on Field Corn, Popcorn, and Seedcorn

ACTIVE INGREDIENT:

Tefluthrin

(2,3,5,6-tetrafluoro-4-methylphenyl)methyl-(1 α ,3 α)-(Z)-(\pm)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate 1.5%

INERT INGREDIENTS: 98.5%

Total 100.0%

Contains 1.5 lbs. active ingredient per 100 lbs. of granular insecticide.

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

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

**See Back Panel for Statement of Practical Treatment
and Precautionary Statements**

EPA Reg. No. 10182-130
EPA Est. No. 10182-

Net Contents:

Made in U.S.A.
ICI Agricultural Products
ICI Americas Inc.
Wilmington, DE 19897

ACCEPTED
with COMMENTS
in EPA Letter Dated

-7 JUL 1993

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

10182-130

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything to an unconscious person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

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

**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D
(327-8633)**

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call
CHEMTREC 1-800-424-9300.**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

CAUSES EYE INJURY. Do not get in eyes or on clothing. **HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.** AVOID contact with skin. AVOID breathing dust. WEAR goggles or face shield when handling. WASH thoroughly with soap and water after handling. REMOVE contaminated clothing and wash before reuse.

Skin exposure may result in a transient sensation described as a tingling, itching, burning or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2-30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

ENVIRONMENTAL HAZARDS

This pesticide is very highly toxic to freshwater and estuarine fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or 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.

ENDANGERED SPECIES RESTRICTIONS

This product may pose a hazard to endangered aquatic species. Follow all use directions.

DIRECTIONS FOR USE

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

GENERAL INSTRUCTIONS

Runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not apply this product within 20 yards of water (ponds, streams or lakes.)

Cover or incorporate spills.

Rotational crops may be planted no sooner than 30 days after application.

DIRECTIONS FOR APPLICATION

At Planting Band Treatment

Apply FORCE 1.5G at planting time. Place the granules in a 7-inch wide band over the row behind the planter shoe, and in front of or behind the press wheel.

GRANULES MUST BE INCORPORATED INTO THE TOP ONE INCH OF SOIL USING TINES, CHAINS OR OTHER SUITABLE EQUIPMENT.

DO NOT apply this product as either a band or T-band treatment unless you can incorporate the granules as directed above. This will improve insect control and reduce the potential for adverse effects to aquatic organisms.

For **NO-TILL** corn where runoff drains into adjacent or neighboring aquatic sites (ponds, streams, lakes), apply FORCE 1.5G as an in-furrow treatment only. See in-furrow directions below.

At Planting In-Furrow Treatment

Apply FORCE 1.5G at planting time as an in-furrow treatment for control of corn rootworms, wireworms, and seedcorn maggots. In-furrow applications may be made by (1) directing the granules into the planter shoe with the seed, or (2) placing the applicator tube directly behind the planter shoe so that the granules drop into the seed furrow.

FORCE 1.5G RATE RECOMMENDATIONS			
Time of Application	Insects Controlled	Rate: (oz/1000 ft of row)	Application
At Planting	Western Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Mexican Corn Rootworm Cutworms Seedcorn Maggot Seedcorn Beetle Lesser Cornstalk Borer White Grubs ¹ Wireworms ²	8-10 Banded, T-banded or In-Furrow	BANDED - Place granules in a 7-inch band directly behind planter shoe in front of or behind the press wheel. IN-FURROW - Place granules directly in the seed furrow behind the planter shoe.
	Cutworms	8 Banded or T-banded Only First year corn only	

¹Use 10 oz/1000 ft. of row for severe infestations.

²For best wireworm control, apply the granules as an in-furrow treatment.

³Includes Black cutworm.

CALIBRATION TABLE							
Amount of FORCE 1.5G/1000 ft of row	Pounds of FORCE 1.5G Required Per Acre for Various Row Spacings						
	13,068	13,756	14,520	15,374	16,335	17,424	Linear Ft/A
	40"	38"	36"	34"	32"	30"	Row Spacing
6 oz	5.0	5.2	5.5	5.8	6.1	6.5	
8 oz	6.5	6.9	7.3	7.7	8.2	8.7	
10 oz	8.2	8.6	9.1	9.6	10.2	10.9	

Page 6
FORCE 1.5G Clay Container
FOR130CC.RSB - RS-102792B

GAUGE SETTINGS FOR FORCE 1.5G INSECTICIDE APPLICATION								
Speed MPH	4			6				
APPLICATION RATE/1000 Row Feet (Oz/1000 Row Feet)	6	8	10	6	8	10	6	8
Applicator								
Kinze	9	11	14	13	17	21	17	21
Allis Chalmers (New, with noble metering unit)	11	13	15	14	17	20	17	21
Allis Chalmers (Old; fluted roll drive with notched gauge)	6	8	10	UNIFORM FLOW AT ALL SPEEDS				
Buffalo (10-20-30-40)	9	13	16	14	19	22	19	24
Buffalo (fluted-roll feed-revolutions on hexagonal adjusting nut)	8	8	10	UNIFORM FLOW AT ALL SPEEDS				
Gandy bolt-on bottom	20	22	24	23	27	30	27	30
Gandy snap-on bottom	19	22	24	23	26	30	26	30
International Harvester (one gauge per hopper; Gate/Dial) - Old	2/5	2/9	3/2	3/0	3/5	4/0	3/5	4/0
International Harvester (two gauges per hopper; Gate/Dial) - New	2/1	2/4	2/8	2/5	3/1	3/7	3/1	3/4
John Deere 7000 Maxi-Emerge (Even) (0-10-20-30-40)	14	18	22	20	25	29	25	30
John Deere 7000 Maxi-Emerge (Odd) (5-15-25-35-45)	12	15	17	16	18	21	18	21
John Deere 1986 (adjustable knob 0-79)	18	22	28	25	33	41	33	41
John Deere (metal box with 3 range settings and dial: Range/Notch)	1/26	1/33	2/5	2/3	2/9	2/15	2/9	2/11
Noble (rectangular opening) - New	8	10	12	11	14	17	14	17
Noble (round opening) - Old	12	15	18	17	21	25	21	25

NOTE: These settings should be used as starting points only. Continually check the amount of FORCE 1.5G used against a known acreage and make further adjustments accordingly. Also, check calibration occasionally to make sure equipment wear, changing conditions, etc. have not caused a change in flow rate.

CONTAINER DISPOSAL: Completely empty bag into application equipment. When bag is empty dispose of in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

FORCE® is a trademark of an ICI Group Company.