

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

244311

### Application for Pesticide - Section I

1. Company/Product Number 10182-130	2. EPA Product Manager George T. LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) FORCE 1.5G Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) ZENECA AG PRODUCTS P.O. BOX 15458 WILMINGTON, DE 19850-5458 ATTN: ANDREW DAVIDSON <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated Feb. 13 & April 5, 1996
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

FINAL PRINTED LABELING - NOTIFICATION

o Feb. 13, 1996

o April 5, 1996

o Notification - addition of "1760 Conservation Planter"

**NOTIFICATION**

JUN 27 1996

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.      No. per container	If "Yes" Package wgt.      No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Andrew A. Davidson	Title Regulatory Product Manager	Telephone No. (Include Area Code) 302-886-1220	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped) JUN 19 1996 PM 2:10 RECEIVED UPR/DPD2
2. Signature <i>Andrew A. Davidson</i>	3. Title Regulatory Product Manager		
4. Typed Name Andrew A. Davidson	5. Date June 18, 1996		

RECD EPA/OPP/DPD2

'96 JUN 19 P12:11

# FORCE<sup>®</sup> 1.5G

## **insecticide**

**...for use to control insects on field corn,  
popcorn, seedcorn and sweet corn**

**ACTIVE INGREDIENT:**

Tefluthrin

(2,3,5,6-tetrafluoro-4-methylphenyl)methyl-(1 $\alpha$ ,3 $\alpha$ )-(Z)-(1)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-

2,2-dimethylcyclopropanecarboxylate

1.5%

**INERT INGREDIENTS:**

Total

98.5%

100.0%

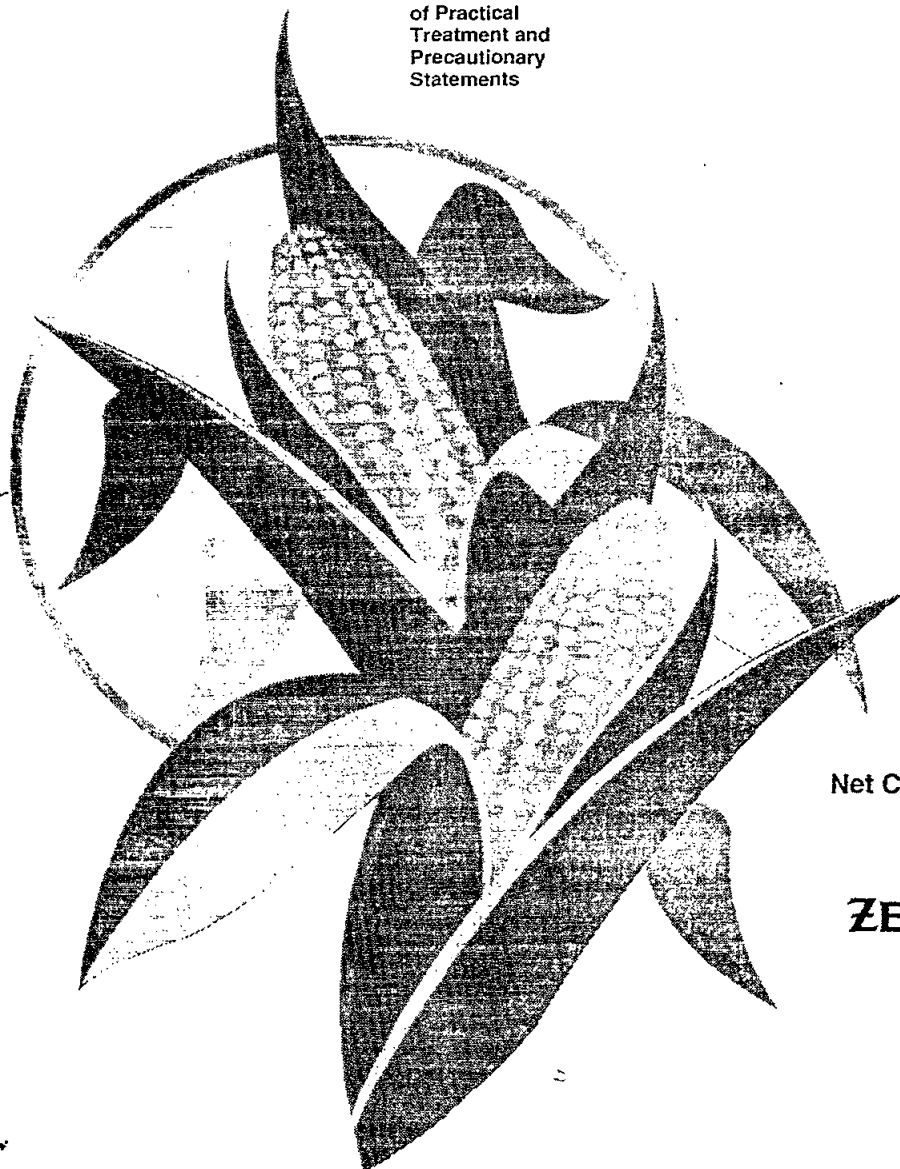
Contains 1.5 lbs. active ingredient per 100 lbs. of granular insecticide

EPA Reg. No. 10162-130

EPA Est. No. 10162-NB-1

**KEEP OUT OF REACH OF CHILDREN****CAUTION**

See Back Panel  
for Statement  
of Practical  
Treatment and  
Precautionary  
Statements



NOTIFICATION

JUN 27 1996

NOTIFICATION

JUN 27 1996

Net Contents: 50 lb (22.7 kg)

Made in U.S.A.

**ZENECA** Ag ProductsZENECA Inc.  
Wilmington, Delaware 19850-545804003847  
059605**HOLD FLAP TO POUR**

# FORCE<sup>®</sup> 1.5G

## insecticide

### 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 ON SKIN: Wash with plenty of soap and water. Get medical attention.  
IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-FA-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

## CAUTION

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. CAUSES MODERATE EYE IRRITATION. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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 apparent skin damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

### Personal Protective Equipment

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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 modified as specified in the WPS.

### User Safety Recommendations

Users should:

- 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 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.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. 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 manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ZENECA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENECA and Seller harmless for any claims relating to such factors.

ZENECA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. 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 or ZENECA, and Buyer and User assume the risk of any such use. ZENECA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE. In no event shall ZENECA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ZENECA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAMOR) BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ZENECA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

ZENECA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ZENECA.

### 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 protection equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to users 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 48 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Waterproof gloves
- Shoes plus socks

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Do not store or use in or around the home. Store in original containers only, in case of spill on floor or paved surfaces, sweep up and remove to chemical waste area.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**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.

### 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 maggot. 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 (lb/1000 ft of row) or In-Furrow	Application
At Planting	Western Corn Rootworm	8-10 Banded, 1 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 on the seed furrow behind the planter shoe.
	Northern Corn Rootworm		
	Southern Corn Rootworm		
	Mezocoma Rootworm		
At Planting	Seedcorn Maggot	8-10 Banded, 1-banded	Apply FORCE 1.5G by placing the granules at the base of the plant on both sides of the row (right hand). Cover the treated bands with 2-3 inches of soil by making the application ahead of culm row equipment. Apply FORCE 1.5G when activity of rootworm larvae is first observed. Make this application within 30 days of seedling emergence. Do not apply this product as a band treatment unless you can incorporate the granules as directed above. DO NOT FOLLOW A FORCE 1.5G PLANT APPLICATION WITH A LAY BY APPLICATION. USE FORCE ONLY ONCE PER CROP.
	Southern Beetle		
	Lesser Cornstalk Borer		
	White Grub*		
At Planting	Wireworms	8-10 Banded, 1-banded	Apply FORCE 1.5G by placing the granules at the base of the plant on both sides of the row (right hand). Cover the treated bands with 2-3 inches of soil by making the application ahead of culm row equipment. Apply FORCE 1.5G when activity of rootworm larvae is first observed. Make this application within 30 days of seedling emergence. Do not apply this product as a band treatment unless you can incorporate the granules as directed above. DO NOT FOLLOW A FORCE 1.5G PLANT APPLICATION WITH A LAY BY APPLICATION. USE FORCE ONLY ONCE PER CROP.
	Chinch Bug*		
	Bilgus*		
	Red imported Fire Ant*		
At Planting	Culex	8 Banded or 1-banded only	Apply FORCE 1.5G by placing the granules at the base of the plant on both sides of the row (right hand). Cover the treated bands with 2-3 inches of soil by making the application ahead of culm row equipment. Apply FORCE 1.5G when activity of rootworm larvae is first observed. Make this application within 30 days of seedling emergence. Do not apply this product as a band treatment unless you can incorporate the granules as directed above. DO NOT FOLLOW A FORCE 1.5G PLANT APPLICATION WITH A LAY BY APPLICATION. USE FORCE ONLY ONCE PER CROP.
	Mezocoma Rootworm		
	Northern Corn Rootworm		
	Southern Corn Rootworm		
At Planting	Western Corn Rootworm	8-10	Apply FORCE 1.5G by placing the granules at the base of the plant on both sides of the row (right hand). Cover the treated bands with 2-3 inches of soil by making the application ahead of culm row equipment. Apply FORCE 1.5G when activity of rootworm larvae is first observed. Make this application within 30 days of seedling emergence. Do not apply this product as a band treatment unless you can incorporate the granules as directed above. DO NOT FOLLOW A FORCE 1.5G PLANT APPLICATION WITH A LAY BY APPLICATION. USE FORCE ONLY ONCE PER CROP.
	Northern Corn Rootworm		
	Southern Corn Rootworm		
	Mezocoma Rootworm		

\*Use 10 lb/1000 ft. of row for severe infestations.

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

\*Suppression only.

\*Suppression only for 28 days.

### CALIBRATION TABLE

Amount of FORCE 1.5G/lb/1000 ft. of row	Pounds of FORCE 1.5G Required Per Acre for Various Row Spacings						Linear Feet/Acre
	12,000	13,750	14,500	15,250	16,000	17,000	Row Spacing
6 ft	80	52	55	58	61	65	Row Spacing
8 ft	60	39	41	43	45	48	Row Spacing
10 ft	48	31	33	35	37	39	Row Spacing

### GAUGE SETTINGS FOR FORCE 1.5G INSECTICIDE APPLICATION

Speed MPH	4				5				6				7				8			
APPLICATION RATE/1000 Row Feet (10/1000 Row Feet)	5	8	10	16	6	8	10	16	6	8	10	16	6	8	10	16	6	8	10	16
Appl rate																				
Kent	11	14	17	13	16	20	15	19	23	17	22	25	19	24	27					
Asst Chutters (rows, with nozzle running only)	*	13	15	*	*	*	*	13	16	*	*	*	*	14	16					
Buffalo 180-20-30-40	*	13	16	*	*	*	*	14	22	*	*	*	*	15	23					
Buffalo (United roll revolutions on mechanical adjusting nut)	*	8	10	UNIFORM FLOW AT ALL SPEEDS																
Castry (snap-on and bolt on bottom models)	19	22	24	21	24	27	23	27	30	25	29	32	27	31	34					
International Harvester (see gauge per hopper, Case/Chap—Old)	17/	21	26	20	26	31	23	28	34	27	32	41	3/8	3/8	4/8					
International Harvester (new gauges per hopper, Case/Chap—New)	1/6	1/6	1/9	5/8	1/2	3/2	3/7	3/7	2/7	3/9	2/5	3/7	5/2	2/8	3/4					
John Deere 7200/7300 1760 Conservator P1500r	12	22	27	21	27	34	25	32	40	29	36	45	32	42	48					
John Deere 2600 Max-Emerge (Evans) (5-10-20-30-40)	12	15	18	14	17	21	18	20	24	18	23	26	28	25	26					
John Deere 2600 Max-Emerge (Old) (5-15-25-35-45)	11	14	18	13	16	18	15	18	20	17	19	22	18	21	24					
John Deere Max-Emerge (adjustable dual 0-75)	13	22	21	21	27	34	25	22	40	29	38	45	32	42	48					
John Deere (install both with 3 range settings and dual Range/Notch)	100	25	310	27	212	216	26	215	270	213	274	275	215	276	277					
Nozzle/White Plunger (rectangular opening)—New	*	10	12	*	*	*	*	14	17	*	*	*	*	18	21					
Nozzle (round opening)—Old	*	15	18	*	*	*	*	21	25	*	*	*	*	26	31					
White 5100	9	11	14	14	16	18	13	16	18	14	16	19	16	18	21					
White 6100	12	14	16	14	16	18	16	16	18	17	20	23	18	22	24					

**FORCE<sup>®</sup>**

**1.5G** insecticide

**ZENECA**