

 United States Environmental Protection Agency Washington, DC 20460	Registration Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number 264563
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Application for Pesticide - Section I

1. Company/Product Number 10182-373	2. EPA Product Manager George T. LaRocca	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) FORCE © 3G Insecticide	PM# 03	
5. Name and Address of Applicant (Include ZIP Code) Zeneca Agricultural Products P.O. Box 15458 Wilmington, DE 19850-5458 <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 type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 11/13/97 "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION
 JUN 16 1998

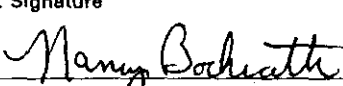
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Revised use directions and use on highly erodible land (HEL) in field corn, popcorn, seed-corn and sweet corn approved in the agency's letter dated November 13, 1997. Under the FORCE 3G Rate Recommendations chart we have revised footnote 1 to read "heavy infestations" instead of "severe infestations."

Section - III

1. Material This Product Will Be Packaged In:			
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	2. Type of Container <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"/> _____
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nancy Bockrath	Title Regulatory Assistant	Telephone No. (Include Area Code) 302-886-1066
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)
2. Signature 	3. Title Regulatory Assistant	
4. Typed Name Nancy Bockrath	5. Date June 15, 1998	

2 of 3

RESTRICTED USE PESTICIDE
Due to Toxicity 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 connected by the Certified Applicator's certification.



FORCE[®] 3G

Insecticide

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

NOTIFICATION
JUN 16 1998

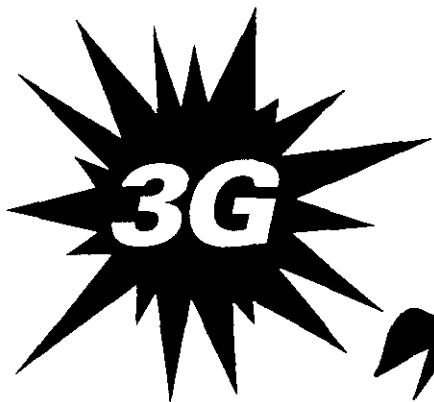
ACTIVE INGREDIENT:

Tefluthrin	
(2,3,5,6-tetrafluoro-4-methylphenyl(methyl(1a,3a,4Z,4a)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate	3.0%
INERT INGREDIENTS:	97.0%
Total	100.0%

Contains 3 lbs. active ingredient per 100 lbs. of granular insecticide
EPA Reg. No. 10182-373
EPA Est. No. 10182-NB-1

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Back Panel
for Statement
of Practical
Treatment and
Precautionary
Statements

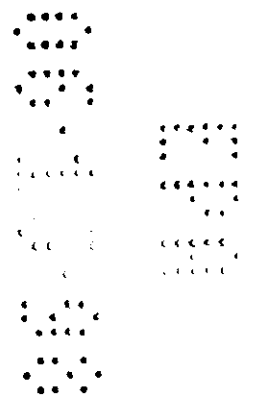


ZENECA Ag Products

ZENECA Inc.
Wilmington, Delaware 19850-5458

Net Contents:
50 lb (22.7 kg)

04005938
059807



FORCE 3G

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 the 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 INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. 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-F-A-S-T-M-E-D (327-6633).

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 skin, eyes, or clothing. AVOID breathing dust. WASH thoroughly with soap and water after handling. REMOVE contaminated clothing and wash contaminated clothing 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 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 CLAIMS 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 protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. The REI for this product is zero hours.

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 (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, or ponds used for commercial fishing).

Cover or incorporate spills (including end row spillage).

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

DIRECTIONS FOR APPLICATION

At Planting Band Treatment

Apply FORCE 3G insecticide 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.

Highly Erodeable Land (HEL)

When used on erodible soils, best management practices for minimizing runoff should be employed. On highly erodible land draining to water bodies, ZENECA recommends consultation with the Natural Resources Conservation Service (NRCS) and/or other agricultural agencies to ensure that effective efforts are made to minimize soil erosion as well as runoff of herbicides and insecticides. In particular, where highly erodible land (HEL) is adjacent to aquatic bodies, the 20 yard buffer setback area should be left in grass or other natural vegetation.

For NO-TILL corn where runoff drains into adjacent or neighboring aquatic sites (ponds, streams, lakes), apply FORCE 3G as an in-furrow treatment only. See in-furrow directions below.

At Planting In-Furrow Treatment

Apply FORCE 3G 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 3G RATE RECOMMENDATIONS			
Time of Application	Insects Controlled	Rate: (oz/1000 R of row)	Application
At Planting	Western Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Mexican Corn Rootworm	4-5 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.
	Cutworm Seedcorn Maggot Seedcorn Beetle Lesser Cornstalk Borer White Grub? Wireworm? Chinch Bug? Billbug? Red Imported Fire Ant?	4-5 Banded, T-banded	IN-FURROW - Place granules directly in the seed furrow behind the planter shoe.
At emergence within 30 days of seeding emergence	Mexican Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Western Corn Rootworm	4-5	Apply FORCE 3G by placing the granules at the base of the plant on both sides of the row, one inch deep. Cover the treated bands with 2-3 inches of soil by making the application ahead of cultivation equipment. Apply FORCE 3G when activity of rootworm larvae is first observed. Make the application within 30 days of seeding emergence. Do not apply this product, unless you can incorporate the granules as directed above. DO NOT INCORPORATE FORCE AT-PLANT APPLICATION WITH A LAY-BY APPLICATION. USE FORCE ONLY ONCE PER CROP.
	Cutworm	3-4 Banded or T-banded Only First year corn only	

Use 5 ounces per 1000 feet of row for heavy infestations.

For best wireworm and/or white grub control, apply the granules as an in-furrow treatment.

Suppression only.

Suppression only for 25 days.

Amount of FORCE 3G/ 1000 ft of row	Pounds of FORCE 3G Required Per Acre for Various Row Spacings						Row Spacing Linear FL/A
	40"	36"	30"	24"	22"	20"	
3 oz	11,868	13,756	14,520	15,374	16,235	17,424	
4 oz	25	26	29	29	31	33	
5 oz	33	34	36	39	41	44	
6 oz	41	43	45	45	47	50	

GAUGE SETTINGS FOR FORCE 3G INSECTICIDE APPLICATION												
Spread MPH	4		5		6		7		8		9	
APPLICATION RATE/1000 Row Feet (Oz/1000 Row Feet)	2	4	3	4	3	4	3	4	3	4	3	4
Applicator												
Krone	6	9	10	5	10	32	9	11	13	13	15	14
Alfa Chalmers (new, with noble metering unit)	6	9	9	6	6	10	11	11	11	11	11	12
Bullfinch (10-20-30-40)	6	6	7	6	6	6	9	11	11	11	11	9
Bullfinch (fluted-roll feed) revolutions on hexagonal adjusting nut	UNIFORM FLOW AT ALL SPEEDS											
Gandy (single-on and both-on bottom models)	13	15	17	15	17	19	16	19	21	17	20	22
International Harvester (one gauge per hopper, Gate/Dial) - Old	1/4	1/6	1/7	1/6	1/7	1/6	1/7	1/6	1/7	1/5	1/5	2/3
International Harvester (two gauges per hopper, Gate/Dial) - New	1/1	1/2	1/2	1/2	1/2	1/3	1/4	1/4	1/4	1/5	1/7	1/5
John Deere 7200/7300 MaxEmerge 2												
1960 Conservation Planter	11	13	15	15	17	14	17	20	16	19	24	17
John Deere 7000 MaxEmerge (Even) (D-10-20-30-40)	7	9	13	9	11	13	11	12	14	12	14	15
John Deere 7000 MaxEmerge (Odd) (5-15-25-35-45)	7	8	9	9	11	10	11	11	11	13	13	14
John Deere MaxEmerge (adjustable dial 0-70)	11	13	15	13	15	17	14	17	20	16	19	22
John Deere (metal box with 3 range settings and dial, Range/Watch)	1/24	1/25	1/26	1/28	1/28	1/28	1/27	1/24	1/23	1/23	1/23	2/11
Noble/White Planter (rectangular opening) - New	6	6	7	6	6	6	7	9	9	9	9	11
Noble (round opening) - Old	6	8	8	6	6	6	6	6	6	6	6	14
White 5100	6	7	8	7	8	9	8	9	9	10	12	10
White 6100	6	8	10	9	10	12	9	12	14	10	15	11

NOTE: These settings should be used as starting points only. Continually check the amount of FORCE 3G used against a known length of row or acreage and make further adjustments accordingly. Also, check calibration occasionally to make sure old, clogged, or worn parts, changing conditions, etc., have not caused a change in flow rate.

FORCE 3G is a trademark of a ZENECA Group Company. MaxEmerge is a trademark of Deere and Company. © 1999 ZENECA Inc.

ZENECA Ag Products

ZENECA Inc.
Wilmington, Delaware 19850-5458

04005938
059807

FORCE® 3G

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 the 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 INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. 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-F-A-S-T-M-E-D (327-8633).

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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.

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ENDANGERED SPECIES RESTRICTIONS

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CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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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 ZENCA or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ZENCA and Seller harmless for any claims relating to such factors.

DIRECTIONS FOR APPLICATION

At Planting Band Treatment

Apply FORCE 3G insecticide 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.

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FORCE 3G 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 Cutworm Seedcorn Maggot Seedcorn Beets Lesser Cornstalk Borer White Grub ¹ Wireworm ²	4-5 Banded, T-banded or In-Furrow	BAND-ED - 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.
	Chinch Bug ¹ Billbug ¹ Red Imported Fire Ant ¹	4-5 Banded, T-banded	
	Cutworm	3-4 Banded or T-banded Only First year corn only	
At cultivation within 30 days of seedling emergence	Mexican Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Western Corn Rootworm	4-5	Apply FORCE 3G by placing the granules at the base of the plant on both sides of the row (split boot). Cover the treated bands with 2-3 inches of soil by making the application ahead of cultivation equipment. Apply FORCE 3G when activity of rootworm larvae is first observed. Make this application within 30 days of seedling emergence. Do not apply this product unless you can incorporate the granules as directed above. DO NOT FOLLOW A FORCE AT-PLANT APPLICATION WITH A LAY-BY APPLICATION. USE FORCE ONLY ONCE PER CROP.

¹Use 5 ounces per 1000 feet of row for heavy infestations

For best wireworm and/or white grub control, apply the granules as an in-furrow treatment

²Suppression only

³Suppression only for 28 days

4/8/85

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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 CLAIMS 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

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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 protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

The REI for this product is zero hours.

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

Ruoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not apply this product within 30 yards of water (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, or ponds used for commercial fishing).

Cover or incorporate spills (including end row spillage).

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



CALIBRATION TABLE							
Amount of FORCE 3G/ 1000 ft of row	Pounds of FORCE 3G Required Per Acre for Various Row Spacings						Row Spacing
	40"	38"	36"	34"	32"	30"	
	13,068	12,756	14,520	15,374	16,335	17,424	Linear FL/A
3 oz	2.5	2.6	2.8	2.9	3.1	3.3	
4 oz	3.3	3.4	3.6	3.8	4.1	4.4	
5 oz	4.1	4.3	4.5	4.8	5.1	5.5	

GAUGE SETTINGS FOR FORCE 3G INSECTICIDE APPLICATION																
Speed MPH	4			5			6			7			8			
APPLICATION RATE/1000 Row Feet (Oz/1000 Row Feet)	2	4	5	3	4	5	3	4	5	3	4	5	3	4	5	
Applicator																
Kinze	6	6	10	8	10	12	9	11	13	11	13	15	13	14	17	
Allis Chalmers (new, with noble metering unit)	*	8	9	*	*	*	10	12	*	*	*	*	*	12	14	
Buffalo (10-20-30-40)	*	6	7	*	*	*	9	11	*	*	*	*	*	9	11	
Buffalo (fluted-roll feed-revolutions on hexagonal adjusting nut)	*	4 1/4	5 1/4	UNIFORM FLOW AT ALL SPEEDS												
Gandy (snap-on and bolt-on bottom models)	13	15	17	15	17	19	16	19	21	17	20	23	19	22	24	
International Harvester (one gauge per hopper, Gate/Dial) - Old	1/4	1/6	1/7	1/6	1/7	1/9	1/7	1/8	2/1	1/8	1/9	2/3	2/0	2/1	2/5	
International Harvester (two gauges per hopper, Gate/Dial) - New	1/1	1/2	1/3	1/2	1/3	1/5	1/3	1/4	1/6	1/4	1/5	1/7	1/5	1/6	1/9	
John Deere 7200/7300 MaxEmerge 2																
1760 Conservation Planter	11	13	15	13	15	17	14	17	20	16	19	24	17	22	27	
John Deere 7000 MaxEmerge (Even) (0-10-20-30-40)	7	9	11	9	11	13	11	12	14	12	14	16	14	15	18	
John Deere 7000 MaxEmerge (Odd) (5-15-25-35-45)	7	8	9	8	9	11	10	11	13	12	13	15	13	14	16	
John Deere MaxEmerge (adjustable dial 0-79)	11	13	15	13	15	17	14	17	20	16	19	24	17	22	27	
John Deere (metal box with 3 range settings and dial; Range/Notch)	1/24	1/25	1/26	1/26	1/26	1/31	1/26	1/30	2/3	1/30	2/3	2/7	1/33	2/5	2/11	
Noble/White Planter (rectangular opening) - New	*	6	7	*	*	*	7	9	*	*	*	*	*	9	11	
Noble (round opening) - Old	*	8	9	*	*	*	11	13	*	*	*	*	*	14	17	
White 5100	6	7	8	7	8	9	8	9	11	9	10	12	10	12	14	
White 6100	6	8	10	8	10	12	9	12	14	10	13	16	12	15	17	

NOTE: These settings should be used as starting points only. Continually check the amount of FORCE 3G used against a known length of row or 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.

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