

100-1075

09/30/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 30, 2011

Timothy E. Wilson
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419


Subject: Amendment – Revise Container Handling Instructions and Precautionary
Statements
Force® 3G Insecticide
EPA Reg. No. 100-1075
Your submission dated August 8, 2011

Dear Mr. Wilson:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Replace “Force 3G must be used only in accordance with recommendations on this label or in separately published Syngenta supplemental labeling recommendations for this product” with “Force 3G must be used only in accordance with this label or in separately published Syngenta supplemental labeling for this product” under the *Directions For Use* section.

If you have any questions regarding this action, please contact BeWanda Alexander at Alexander.bewanda@epa.gov or (703) 305-7460.

Sincerely,

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

Enclosure

(Master label)

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 COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.**

Force® 3G Insecticide

GROUP	3	INSECTICIDE
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For Use to Control Insects on Field Corn, Popcorn, Seed Corn and Sweet Corn

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 3.0%

Other Ingredients:	97.0%
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Total:	100.0%
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Contains 3 lbs. active ingredient per 100 lbs. of granular insecticide.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use on printed bag[in booklet].

EPA Reg. No. 100-1075

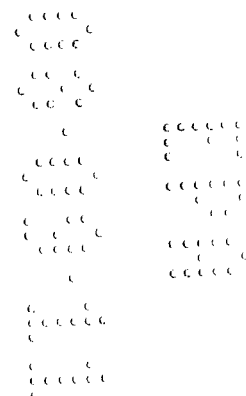
EPA Est. XXXX

Product of
Formulated in the USA

SCP 1075A-M (draft)

Net Weight

ACCEPTED
with **COMMENTS**
In EPA Letter Dated
SEP 30 2011
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
100-1075



FIRST AID	
Contains a Pyrethroid Insecticide (Tefluthrin)	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin, inhaled or swallowed. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove 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 (PPE)

Some of the materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves Category A, made of any waterproof material such as polyethylene or polyvinyl chloride (PVC) ≥ 14 mils
- Shoes plus socks

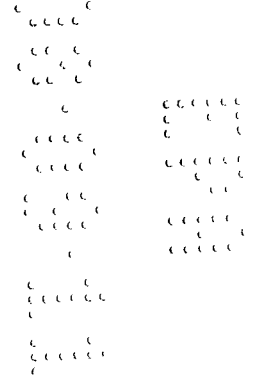
Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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.

Engineering Controls (SMARTBOX only)

This product is formulated into a “SMARTBOX” system that meets the definition of a closed loading system as defined by the Worker Protection Standard for Agricultural Pesticides.

Important: When reduced PPE is worn because a closed system is being used, handlers must be provided with all PPE specified above for “Applicators and other handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.



User Safety Recommendations

Users should:

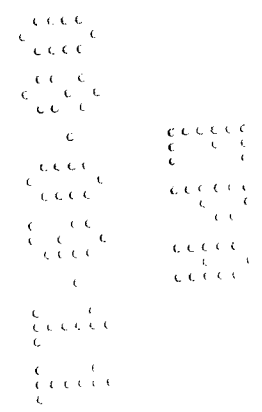
- Remove PPE immediately after handling this product.
- Wash the outside of gloves before removing.
- As soon as possible, wash thoroughly and change into clean clothing.

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 wash water.

Endangered Species Restrictions

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



DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

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

Force 3G must be used only in accordance with recommendations on this label or in separately published Syngenta supplemental labeling recommendations for this product.

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.

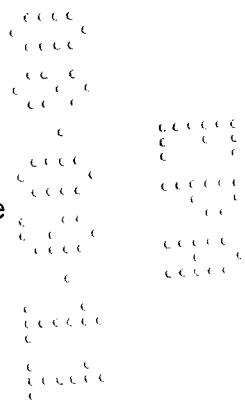
The REI for this product is zero hours.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR INSECT CONTROL, AND/OR ILLEGAL RESIDUES.

SMARTBOX Information (*SMARTBOX only*)

Please refer to the SMARTBOX manual for information on system operation and calibration.

- Do not attempt to open or tamper with the container.
- Do not attempt to repair the SMARTBOX application system. If repairs are necessary, contact your Sales Representative or the manufacturer of the application system.



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 for the control of corn rootworms, cutworms, seedcorn maggots, seedcorn beetles, lesser corn stalk borer, white grubs and wireworms. Place the granules in a 7-inch wide band across the open seed furrow between the furrow openers and the press wheels.

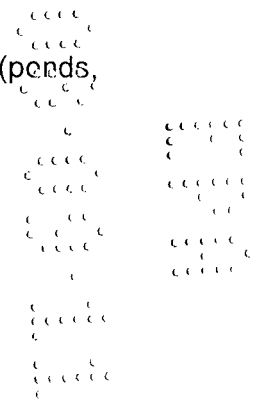
GRANULES MUST BE INCORPORATED INTO THE TOP ONE INCH OF SOIL USING TINES, PRESS WHEELS, CLOSING WHEELS OR OTHER SUITABLE EQUIPMENT.

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 Erodible Land (HEL)

When used on erodible soils, best management practices for minimizing runoff must be employed. When applying to highly erodible land draining to water bodies, consultation with the Natural Resources Conservation Service (NRCS) and/or other agricultural agencies will 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 must 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.

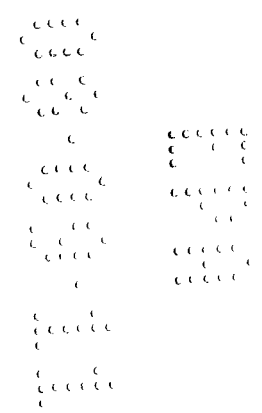


At-Planting In-Furrow Treatment

Apply Force 3G at planting time as an in-furrow treatment for control of corn rootworms, wireworms, and seed corn 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.

	Pounds of Force 3G Required Per Acre for Various Row Spacings			Row Spacing Linear Ft/Acre
	30"	20"*	15"*	
	17,424 ft.	13,068 ft.	17,424 ft.	
Ounces per 1000 Ft. of Row				
3 oz.	3.3 lb.	2.5 lb.	3.3 lb.	
4 oz.	4.4 lb.	3.3 lb.	4.4 lb.	
5 oz.	5.5 lb.	4.1 lb.	5.5 lb.	

* Refuge Treated Rows Only. Do not exceed more than 1/2 treated area.



GAUGE SETTINGS FOR FORCE 3G INSECTICIDE APPLICATION (Bags only)

Speed MPH	4			5			6			7			8		
APPLICATION RATE/1,000															
Row Feet (oz./1,000 Row Feet)	3	4	5	3	4	5	3	4	5	3	4	5	3	4	5
Applicator															
Kinze	6	8	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)	*	4¼	5½	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	1/28	1/26	1/28	1/31	1/28	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.

Force 3G Rates

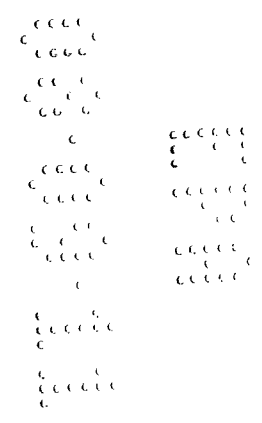
Time of Application	Insects Controlled	Rate: (oz./1,000 ft. of row)	Application
At Planting	Western Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Mexican Corn Rootworm Cutworm Seedcorn Maggot Seedcorn Beetle Lesser Cornstalk Borer White Grub ^{1,2} Wireworm ^{1,2}	4-5 Banded, T-banded Or In-Furrow	<p>Banded: Place granules in a 7-inch band directly behind planter shoe in front of or behind the press wheel.</p> <p>In-Furrow: Place granules directly in the seed furrow behind the planter shoe.</p>
	Chinch Bug ³ Billbug ³ Red Imported Fire Ant ⁴	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	<p>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.</p> <p>DO NOT FOLLOW A FORCE 3G AT-PLANTING APPLICATION WITH A LAY-BY APPLICATION. USE FORCE 3G ONLY ONCE PER CROP.</p>

¹Use 5 oz./1,000 ft. of row for heavy infestations

²For best wireworm and/or white grub control, apply the granules as an in-furrow treatment

³Suppression only

⁴Suppression only for 28 days



STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

Pesticide 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 Handling (Bags)

Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, by incineration, or by other procedures allowed by State and local authorities.

Container Handling/Return (SMARTBOX)

DO NOT DISCARD THIS CONTAINER. Do not attempt to open or tamper with the container. Completely empty container into application equipment. All SMARTBOX containers must be returned per instructions provided or by calling 1-888-SMARTBOX.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

(Bags)

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MaxEmerge® trademark of Deere and Company.

(SMARTBOX)

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