

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.

TEFLUTHRIN GROUP **3A** INSECTICIDE

FENCE

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-(1a,3a)-(Z)-(±)-3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate **WT. BY %**
3.09%

OTHER INGREDIENTS: **96.91%**

TOTAL: **100.00%**

FENCE contains 3.09 pounds tefluthrin per 100 pounds of granular insecticide.

KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID Contains a Pyrethroid Insecticide (Tefluthrin)	
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 a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
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 by mouth-to-mouth, if possible.• 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 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.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call your poison control center at 1-800-222-1222 .	

See label booklet for complete Precautionary Statements, Directions For Use, and Storage and Disposal.

Manufactured For:



7217 Lancaster Pike, Suite A
Hockessin, Delaware 19707

EPA Reg. No.: 83529-123
EPA Est. No.: 5905-GA-001

Net WT. 50 Lbs

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING/AVISO

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

Si usted o entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, or polyvinyl chloride (PVC) ≥ 14 mils or Viton® ≥ 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

This product is formulated into a closed handling as defined by the Worker Protection Standard for Agricultural Pesticides to deliver product to soil. Do not open or tamper with container.

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:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change 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.

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.

continued

AGRICULTURAL USE REQUIREMENTS (continued)

The restricted-entry interval (REI) for this product is 48 hours.

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
- Chemical-resistant gloves made of any waterproof material, such as barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, neoprene rubber \geq 14 mils, or polyvinyl chloride (PVC) \geq 14 mils or Viton[®] \geq 14 mils
- Shoes plus socks

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

USE PRECAUTIONS:

- Runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites.

USE RESTRICTIONS:

- 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).
- DO NOT plant rotational crops sooner than 30 days after application.

INSECT RESISTANCE MANAGEMENT		
GROUP	3A	INSECTICIDE

FENCE contains tefluthrin and is classified in the pyrethroid chemical class as a Group 3A insecticide, sodium channel modulator. Any insect population may contain individuals naturally resistant to **FENCE** and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of **FENCE** or other Group 3A insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues for the targeted pests between the individual components of a mixture.

In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):

- Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
- Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
- When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
- Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
- The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance, contact your local Sharda USA LLC representative.

APPLICATION DIRECTIONS

At-Planting Band Treatment

Make application of **FENCE** at-plant to control listed pests - corn rootworms, cutworms, seedcorn maggots, seedcorn beetles, lesser corn stalk borer, white grubs, and wireworms. Make application by placing granules across a 7-inch-wide band spanning the open seed furrow between the furrow openers and the press wheels.

USE PRESS WHEELS, TINES, CLOSING WHEELS OR OTHER SUITABLE EQUIPMENT TO PRESS THE PRODUCT INTO THE GROUND TO COMBINE INTO THE FIRST INCH OF THE SOIL.

USE RESTRICTION:

DO NOT make applications of this product as either a band or T-band treatment, unless the granules can be integrated into the first inch of soil with the proper equipment. Control will be improved and negative impacts to any aquatic organisms will be reduced.

Highly Erodible Land (HEL)

Management practices to minimize runoff must be employed when **FENCE** is used on erodible soils. Consult with the Natural Resources Conservation Service (NRCS) and/or other agricultural agencies to ensure efforts are made to minimize soil erosion as well as runoff when applying to highly erodible land draining to water bodies. When highly erodible land (HEL) is adjacent to aquatic bodies, the 20-yard buffer/setback area must be left in grass or other natural vegetation.

Apply **FENCE** as an in-furrow treatment only in **NO-TILL** corn where runoff drains into adjacent or neighboring aquatic sites (ponds, streams, lakes). Refer to the in-furrow directions below.

At-Planting In-Furrow Treatment

For the most effective at-plant treatment, make certain to maintain a root protection zone of approximately 7 inches wide and 5 inches deep. This zone is where the developing root system will grow and needs protection from insects that feed on seeds, plants, and roots of corn. **FENCE** will control listed insects in this zone when applied as directed below.

Make applications of **FENCE** at-plant as an in-furrow treatment to control corn rootworms, wireworms, and seedcorn maggots.

In-furrow applications may be made by:

- Directing granules into the planter shoe with the seed or
- Placing applicator tube behind the planter shoe so the granules drop into the seed furrow.

Application and Use Rate Information for FENCE

Application Timing	Insects Controlled	Use Rate (oz./1,000 ft. of row)	Application Method
At-Planting	Western Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Mexican Corn Rootworm Cutworm Seedcorn Maggot Seedcorn Beetle Lesser Cornstalk Borer White Grub ^{a,b} Wireworm ^{a,b}	4-5 oz. Banded, T-Banded or In-Furrow (0.0075 – 0.0094 lb. a.i./1,000 ft. row)	Banded: Apply granules in a 7-inch band directly behind planter shoe in front of or behind the press wheel. In-Furrow: Apply granules directly in the seed furrow behind the planter shoe.
	Chinch Bug ^c Billbug ^c	4-5 oz. Banded, T-Banded (0.0075 – 0.0094 lb. a.i./1,000 ft. row)	
	Cutworm	3-4 oz. Banded or T-Banded, Only First year corn, only (0.0056 – 0.0075 lb. a.i./1,000 ft. row)	
At cultivation within 30 days of seedling emergence	Mexican Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Western Corn Rootworm	4-5 oz. (0.0075 – 0.0094 lb. a.i./1,000 ft. row)	Place 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. Make application when rootworm larvae are first seen. Apply FENCE within 30 days of seedling emergence.

continued

Application and Use Rate Information for FENCE (continued)

Application Timing	Insects Controlled	Use Rate (oz./1,000 ft. of row)	Application Method
At cultivation within 30 days of seedling emergence	Mexican Corn Rootworm Northern Corn Rootworm Southern Corn Rootworm Western Corn Rootworm	4-5 oz. (0.0075 – 0.0094 lb. a.i./1,000 ft. row)	Restrictions <ul style="list-style-type: none"> Do not apply this product unless you can incorporate the granules in the soil as directed above. Do not follow an at-planting application with a lay-by application of FENCE. Use FENCE only once per crop season.

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

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

^cSuppression only.

Restrictions

- **Maximum Application Rate for FENCE:**

- Do not exceed 5.0 oz./1,000 row ft. (0.0094 lb. a.i./1,000 row ft.) of FENCE regardless of row spacing. See table below for amount of FENCE required per acre for typical row spacings.
- Do not exceed 10.9 lb./A of FENCE (0.327 lb. a.i./A of tefluthrin) per application regardless of row spacing.

- **Maximum Seasonal Application Rate for FENCE: Do not** exceed 10.9 lb./A of FENCE (0.327 lb. a.i./A of tefluthrin) per year.

- Do not make more than one application of FENCE a year.

- **For New York only: Do not** exceed 5.5 lbs./A of FENCE (0.164 lb. a.i./A of tefluthrin) per year regardless of the application rate/1000 ft. of row, or row spacing.

FENCE Required per Acre for Typical Row Spacings (pounds)

Row Spacing	38"	36"	30"	22"	20"	15"
Linear Ft. per Acre	13,758	14,520	17,424	23,760	26,136	34,848
Ounces/1,000 ft. of row						
3.0 oz.	2.6 lb.	2.7 lb.	3.3 lb.	4.5 lb.	4.9 lb.	6.5 lb.
4.0 oz.	3.4 lb.	3.6 lb.	4.4 lb.	5.9 lb.	6.5 lb.	8.7 lb.
5.0 oz.	4.3 lb.	4.5 lb.	5.5 lb.	7.4 lb.	8.2 lb.	10.9 lb.

GAUGE SETTINGS FOR FENCE APPLICATION (Bags only)

Speed MPH	4			5			6			7			8			
	3	4	5	3	4	5	3	4	5	3	4	5	3	4	5	
APPLICATION RATE/ 1,000 Row Feet (oz./1,000 Row Feet)																
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)	*	4%	5%	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	11	13	15	13	15	17	14	17	20	16	19	24	17	22	27	
1760 Conservation Planter																
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	

continued

GAUGE SETTINGS FOR FENCE APPLICATION (Bags only) (continued)

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
John Deere MaxEmerge (adjustable dial 0-79)	11	13	15	13	15	17	14	17	20	16	19	24	17	22	27
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

*No settings currently established.

NOTE: These settings should be used as starting points only. Adjust the amount of **FENCE** used against a known length of row or acreage and make further adjustments as necessary. Equipment wear and changing conditions can alter the flow rate of the product, check calibration occasionally to make sure the flow rate is consistent.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or 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:

Do not reuse or refill this container. Completely empty paper or plastic bag, fiber sack or drum liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Then offer for recycling if available or dispose of empty paper or plastic bag, fiber sack or fiber drum and liner in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

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 must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Sharda USA LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC and Seller harmless for any claims relating to such factors.

Sharda USA LLC 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 conditions not reasonably foreseeable to or beyond the control of Seller or Sharda USA LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, SHARDA USA LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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