



STATE OF HAWAII
Department of Agriculture

ACCEPTED
LICENSE NO. **9226.468**

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.

PULL HERE TO OPEN ►



Force[®] CS
Insecticide

GROUP **3** INSECTICIDE



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

<i>Active Ingredient:</i>	
Tefluthrin ¹ :	23.4%
<i>Other Ingredients:</i>	76.6%
<i>Total:</i>	100.0%

¹CAS No. 79538-32-2

Force CS Insecticide is formulated as a soluble concentrate.
Force CS Insecticide contains 2.1 pounds tefluthrin per gallon.

SCP 1253A-L1E 0914
4043830

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.)

See additional precautionary statements and directions for use in booklet.

EPA Reg. No. 100-1253 EPA Est. 5905-AR-001

Product of the United Kingdom
Formulated in the USA

2.5 gallons Net Contents



FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call 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.
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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p align="center">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</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING/AVISO

May be fatal if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if absorbed through skin. 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.

Personal Protective Equipment

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

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves – Category C, such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride [PVC] ≥ 14 mils, or Viton® ≥ 14 mils
- Shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. 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.

Engineering Control Statements

When handlers use closed systems, or enclosed cabs 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.

- Mixers and Loaders must use a mechanical transfer system that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4).
- The system must be capable of removing the pesticide from the shipping container and transferring it into mixing tanks and/or application equipment.
- At any disconnect point, the system must be equipped with a dry disconnect or dry couple shut-off device that is warranted by the manufacturer to minimize drippage to not more than 2 ml. per disconnect point.
- Persons using a closed system that operates under pressure shall wear protective eyewear.

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.

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PRECAUTIONARY STATEMENTS (continued)

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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. Use with care when applying in areas adjacent to any body of water. Runoff may be hazardous to aquatic organisms in neighboring areas.

For terrestrial uses: 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 washwater.

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. 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 SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA 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. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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.

The restricted entry interval (REI) for this product is 12 hours.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 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—Category C, such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride [PVC] ≥ 14 mils, or Viton® ≥ 14 mils
- Shoes plus socks

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

USE INFORMATION

PROTECTION OF AQUATIC AREAS

- Runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. **DO NOT** apply this product within 20 yards of aquatic bodies (lakes, reservoirs, rivers, permanent streams, marshes, estuaries, natural ponds, or commercial fish farm ponds).
 - At least 10 feet of the 20 yard setback area must be left in grass or other natural vegetation.

- Use only properly maintained ground application equipment that has been calibrated using appropriate carriers.
- **Highly Erodible Land (HEL):** When used on erodible soils, best management practices for minimizing runoff must be employed. When applied to highly erodible land that drains 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 pesticide runoff. When the highly erodible land is adjacent to aquatic bodies, the entire 20 yard buffer/setback must be left to grass or other natural vegetation.
For NO-TILL corn acreage that drains to adjacent or neighboring aquatic sites, apply as an in-furrow treatment only. See in-furrow directions.
- **DO NOT** apply this product as a T-band treatment unless the product can be incorporated into the top one inch of soil using tines, chains or other suitable equipment.

RESISTANCE MANAGEMENT

GROUP 3 INSECTICIDE

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

Force CS Insecticide contains a Group 3 insecticide (tefluthrin). Insect biotypes with acquired or inherent resistance to Group 3 insecticides may eventually dominate the pest population if Group 3 insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by Force CS Insecticide or other Group 3 insecticides.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

In order to maintain susceptibility to this class of chemistry:

- Avoid using Group 3 insecticides exclusively for season-long control of insect species with more than one generation per crop season.

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- For insect species with successive or overlapping generations, apply Force CS Insecticide or other Group 3 insecticides using a "treatment window" approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated) of the Group 3 insecticides. Do not exceed the maximum Force CS Insecticide allowed per growing season.
- Following a treatment window of Group 3 insecticides, rotate to a treatment window of effective products with a different mode of action before making additional applications of Group 3 insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest's ability to develop resistance to these classes of chemistry.
- If resistance is suspected, do not reapply Force CS Insecticide or other Group 3 insecticides.

Other Insect Resistance Management (IRM) practices include:

- Incorporating IPM techniques into your insect control program
- Monitoring treated insect populations for loss of field efficacy
- Using tank-mixtures or premixes with insecticides from a different target site of action group as long as the involved products are all registered for the same crop outlet and effective rates are applied

For additional information on Insect Resistance Management:

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irac-online.org/>.

APPLICATION PROCEDURES

DIRECT INJECTION APPLICATIONS

Follow application equipment manufacturer's directions for spray preparation and calibration to deliver the correct Force CS Insecticide rates.

CROP USE DIRECTIONS

At Planting T-Band Treatment

Apply Force CS Insecticide at planting time for the control of corn rootworms, cutworms, lesser corn stalk borer, seedcorn beetles, seedcorn maggots, white grubs, and wireworms. **Liquid T-band** applications are to be placed in a 7-inch T-band across the open seed furrow between the furrow openers and the press wheels. T-band applications need to be followed by an incorporation of 1 inch into the soil either by using tines, press wheels, closing wheels, or other suitable equipment which are either attached to the planter or part of the planter system.

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

At Planting In-Furrow Treatment

Apply Force CS Insecticide at planting time as an in-furrow treatment for control of corn rootworms, seedcorn maggots, white grubs, and wireworms. **Liquid in-furrow applications** are to be applied into the seed furrow, through spray nozzles or microtubes, behind the planter furrow openers and in front of the press wheels.

The at-planting treatments described above ensure that there is a zone of root protection which is approximately 7 inches wide and 5 inches deep.

The zone of protection is the area around and within the corn root where Force CS Insecticide has activity against seed-, plant- and root-feeding insects. By controlling early-season insect feeding, Force CS Insecticide provides protection for developing corn root systems.

FORCE CS INSECTICIDE RATES

Time of Application	Insects Controlled	Force CS Rate: (fl oz/1000 ft of row)	Application
At Planting	Cutworm Lesser Cornstalk Borer Mexican Corn Rootworm Northern Corn Rootworm Seedcorn Beetle Seedcorn Maggot Southern Corn Rootworm Western Corn Rootworm White Grub ^{1,2} Wireworm ^{1,2}	0.46-0.57 T-banded, or In-Furrow	Banded applications are to be placed in a 7-inch T-band across the open seed furrow between the furrow openers and the press wheels or as a band application behind the press wheels. In-furrow applications are to be applied into the seed furrow, through spray nozzles or microtubes, behind the planter furrow openers and in front of the press wheels.
	Billbug ³ Chinch Bug ³ Red Imported Fire Ant ⁴	0.46 – 0.57 T-banded	

¹Use 0.57 fluid ounces per 1,000 feet of row for heavy infestations.
²For best wireworm and/or white grub control, apply the liquid as an in-furrow treatment.
³Suppression only.
⁴Suppression only for 28 days.

Use Restrictions

- **Maximum Force CS Insecticide Allowed per Year:** Do not exceed a total of 10 fl oz/A of Force CS Insecticide per year (0.165 lb ai/A of tefluthrin).
- **Make only one application of Force CS Insecticide per year.**

Force CS Insecticide Rates for Conventional Row Spacings

Row Spacing	Fluid Ounces of Force CS Insecticide Required per Acre for Conventional Row Spacings			
	36"	34"	32"	30"
Linear ft/Acre	14,520	15,374	16,335	17,424
Fluid Ounces per 1000 ft of Row				
0.46 fl oz	6.7 fl oz	7.1 fl oz	7.5 fl oz	8.0 fl oz
0.57 fl oz	8.3 fl oz	8.8 fl oz	9.4 fl oz	10.0 fl oz

Force CS Insecticide Reduced Rates for Narrow-Row Corn¹: The table below includes instructions for applying Force CS Insecticide at reduced rates for control of corn rootworm and other insects in narrow rows (15- to 22-inch rows).

Row Spacing	Fluid Ounces of Force CS Insecticide Required per Acre for Narrow Row Spacings		
	22"	20"	15"
Linear ft/Acre	23,760	26,136	34,848
Fluid Ounces per 1000 ft of Row			
0.29 fl oz	6.9 fl oz	7.5 fl oz	10 fl oz
0.38 fl oz	9.0 fl oz	10 fl oz	NA

¹ For use only in field corn that contains at least a single corn rootworm trait. In cases of high populations of corn rootworm, or in suspected areas of corn rootworm resistance to corn rootworm traits, the level of control may only reach suppression. The level of control of other insect pests may also be reduced with these lower rates.

Rotational Crop Restrictions

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

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. DO NOT ALLOW PRODUCT TO FREEZE.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office.

Container Handling

Non-refillable container. Do not reuse or refill this container. Complete empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

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For non-emergency (e.g. current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1253A-L1E 0914
4043830

RESTRICTED USE PESTICIDE

DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS

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GROUP 3 INSECTICIDE



Insecticide

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

Active Ingredient:	
Tefluthrin ¹	23.4%
Other Ingredients:	76.6%
Total:	100.0%

¹CAS No. 79538-32-2

Force CS Insecticide is formulated as a soluble concentrate. Force CS Insecticide contains 2.1 pounds tefluthrin per gallon.

See additional precautionary statements and directions for use in booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-1253

EPA Est. - 5905-AR-001

2.5 gallons

Net Contents

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.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING/AVISO

May be fatal if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if absorbed through the skin. 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.

FIRST AID

If swallowed: Call 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.

If in eyes: 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: 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: 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 further treatment advice.

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.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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. Use with care when applying in areas adjacent to any body of water. Runoff may be hazardous to aquatic organisms in neighboring areas.

For terrestrial uses: 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 washwater.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original containers only. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Remove to chemical waste area. DO NOT ALLOW PRODUCT TO FREEZE.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office.

Container Handling: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or puncture and dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!

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