



**Emulsifiable Concentrate**

<i>Active Ingredient</i>	<i>By Weight</i>
Indoxacarb	
(S)-methyl 7-chloro-2,5-dihydro-2-[[methoxycarbonyl][4-(trifluoromethoxy)phenyl]amino]carbonyl]indeno [1,2-e][1,3,4]oxadiazine-4a(3H)-carboxylate	15.84%
<b>Other Ingredients</b>	<b>84.16%</b>
<b>TOTAL</b>	<b>100%</b>
Contains 1.25 lb active ingredient per gallon	

EPA Reg. No. 279-9596

**SUPPLEMENTAL LABELING**  
**FOR FOLIAR APPLICATIONS TO FIELD CORN, POPCORN,**  
**AND CORN GROWN FOR SEED**

**This supplemental label expires on May 26, 2023 and must not be used or distributed after this date.**

Steward® EC Insecticide is an emulsifiable concentrate that is diluted with water for application to labeled crops.

Steward EC Insecticide may be applied to field corn, popcorn, and corn grown for seed via chemigation. See “Application by Chemigation” section of this Supplemental Label.

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

This label must be in the possession of the user at the time of application. 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.)

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

**ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED LABEL ARE TO BE FOLLOWED.**

**This Supplemental labeling must be in the possession of the user at the time of pesticide application. Read the label affixed to the container for Steward EC Insecticide before applying. Carefully follow all precautionary statements and application use directions. Use of Steward EC Insecticide according to this Supplemental labeling is subject to all use precautions and limitations imposed by the labeling affixed to the container for Steward EC Insecticide.**



## DIRECTIONS FOR USE

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

### Steward EC Insecticide Rate Per Acre

Crops	Insects	lb ai	fl oz	Acres Treated per gal of Steward EC Insecticide	Last Application (Days to Harvest)	REI
Corn (field) Corn (grown for seed) Corn (pop)	Beet armyworm Corn earworm* Corn rootworm (adult) European corn borer Fall armyworm Grasshoppers Japanese beetle (adult)** Western bean cutworm Yellowstriped armyworm	0.059 – 0.11	6.0 – 11.3	11.5 – 21.3	14 Days for Grain and Stover (field, pop, and corn grown for seed)  1 Day for Forage, Fodder, and Silage (field and corn grown for seed only)	12 hrs.
	Brown stink bug** Green stink bug** Southern green stink bug**	0.09 – 0.11	9.2 – 11.3	11.5 – 14.0		

#### CORN RESTRICTIONS

The minimum interval between treatments is 5 days.

Make no more than 2 applications per acre per crop.

Do not apply more than 22.6 fl oz/A of Steward EC Insecticide or 0.22 lb ai/A of indoxacarb-containing products per calendar year.

\* Corn earworm control is only for treated foliage and silks. New foliage and new silks will not be protected with a single application.

\*\* Suppression only

## APPLICATION BY CHEMIGATION – CORN (FIELD), CORN (GROWN FOR SEED), CORN (POP)

### Instructions for the Use of STEWARD EC insecticide in Overhead Sprinkler Chemigation Systems.

Overhead chemigation applications offer the advantage of greater penetration and coverage of the target plant. However, typical chemigation applications are more dilute than ground or aerial applications. For best results, it is recommended to keep the concentration of STEWARD EC insecticide as high as possible in the application. Apply STEWARD EC insecticide in 0.1 to 0.2 inches of water per acre. STEWARD EC insecticide is most active as an ingestion insecticide, although it does have activity as a direct contact insecticide. For best results, applications of STEWARD EC insecticide should ensure thorough coverage of the target plant to maximize the opportunity for target insects to ingest STEWARD EC insecticide.

### Types of Chemigation Systems:

STEWARD EC insecticide may be applied only through overhead sprinkler irrigation systems. Overhead irrigation systems include the following; center pivot, end tow, hand move, lateral move, side roll, solid set and wheel line. Center pivot and lateral move irrigation systems are preferred. Other overhead sprinkler systems may be used if they provide uniform water distribution. Do not apply STEWARD EC insecticide through any other type of irrigation system. Do not use filter screens smaller than 50 mesh throughout the system, due to possible buildup of material on 100 mesh or smaller screens.

### Directions for Chemigation:

#### Preparation

A pesticide tank is recommended for the application of STEWARD EC insecticide in chemigation systems. Thoroughly clean the injection system and tank of any fertilizer or chemical residues using a standard clean-out procedure. Dispose of any residues in accordance with State and Federal laws. With the mix tank 1/4 to 1/2 full with water and the agitator running, measure the required amount of STEWARD EC insecticide and add it to the tank. Then add additional water to bring your total pesticide mixture up to the desired volume for your application. Note: Always add the STEWARD EC insecticide to water, never put STEWARD EC insecticide into a dry tank or other mixing equipment without first adding water. See "Tank Mixing Sequence" section of the container label for tank mixing sequence. Continue to agitate the

mixture throughout the application process. Use mechanical or hydraulic agitation, do not use air agitation. Highly alkaline water should be buffered so that the pH of the spray solution is in the range of neutral to slightly acidic.

### **Injection Into Chemigation Systems**

Inject the proper amount of STEWARD EC insecticide into the irrigation water flow using a positive displacement injection pump. Injection should occur at a point in the main irrigation water flow to ensure thorough mixing with the irrigation water. For continuously moving systems, inject the solution containing STEWARD EC insecticide into the irrigation water line continually and uniformly throughout the irrigation cycle. Apply in no more than 0.2 inches of water per acre. For overhead sprinkler systems that are stationary, add the solution containing STEWARD EC insecticide to the irrigation water line and apply no more than 0.2 inches of water per acre just before the end of the irrigation cycle.

### **Uniform Water Distribution**

The irrigation system used for application of STEWARD EC insecticide must provide for uniform distribution of STEWARD EC insecticide treated water. Non-uniform distribution can result in crop injury, lack of effectiveness or illegal pesticide residues in or on the crop being treated. Ensure the irrigation system is calibrated to uniformly distribute the chemigation application to the crop. Contact the equipment manufacturer, the local University Extension agent or other experts if you have questions about achieving uniform distribution of the application.

### **Equipment Calibration**

Calibrate the irrigation system and injector before applying STEWARD EC insecticide. Calibrate the injection pump while the system is running using the expected irrigation rate. If you have questions about calibration, you should contact your state extension service specialists, equipment manufacturer or other experts.

### **Monitoring of Chemigation Applications**

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of a responsible person, shall shut the system down and make necessary adjustments should the need arise. Wear the personal protective equipment as defined in the PPE section of the label for applicators and other handlers when making adjustments or repairs on the chemigation system when STEWARD EC insecticide is in the irrigation water.

### **Required System Safety Devices**

Do not connect any irrigation system used for pesticide applications to a public water system unless the pesticide label-prescribed safety devices are in place. Public water system means a system for the provision to the public of piped water for human consumption, if such a system has at least 15 service connections or regularly serves an average of at least 25 individuals at least 60 days out of the year.

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

## **Operation**

Start the water pump and sprinkler, and let the system achieve the desired pressure and speed before starting the injector. Start the injector and calibrate the injection system according to the directions above. This procedure is necessary to deliver the desired rate per acre in a uniform manner. When the application is finished, allow the entire irrigation and injector system to be thoroughly flushed clean before stopping the system.

- End guns must be turned off during the application, if they irrigate nontarget areas or if they do not provide uniform application and coverage.
- Plug nozzles in the immediate area of control panels, chemical supply tanks and system safety devices to prevent contamination of these areas.
- Do not apply when wind speed favors drift beyond the area intended for treatment.
- Do not apply when system connections or fittings leak or when nozzles do not provide uniform distribution.
- Do not allow irrigation water to collect or run-off during chemigation.

## **Cleaning the System**

Thoroughly clean the injection system and tank of any fertilizer or chemical residues using a standard clean-out procedure. Dispose of any residues in accordance with State and Federal laws. Consult your owner's manual or your local equipment dealer for cleanout procedures for your injection system

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