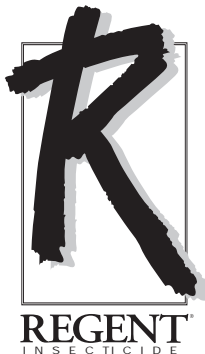


# BASF

## **RESTRICTED USE PESTICIDE**

**DUE TO TOXICITY TO AQUATIC INVERTEBRATES**

**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.**



# REGENT<sup>®</sup> 4 SC

## INSECTICIDE

**SPECIMEN**

### Shake Well Before Use

**ACTIVE INGREDIENT:**

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazole-3-carbonitrile . . . . . 39.4%

**INERT INGREDIENTS** . . . . . 60.6%

EPA Reg No. 7969-207

EPA Est. No.

### 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.)

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For more information Call 1-800-832-HELP (1-800-832-4357)

**NET CONTENTS:**

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

**Agricultural Products**

# BASF

## FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor for treatment advice.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Have person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person.</li></ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF INHALED:	<ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
IF IN EYES:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
For MEDICAL Emergencies Call 24 Hours A Day 1-800-832-HELP (1-800-832-4357). Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN:</b> There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.	
<b>GENERAL:</b> Contact a physician immediately in all cases of suspected poisoning. Transport patient to a physician or hospital immediately and SHOW A COPY OF THIS LABEL TO THE PHYSICIAN. If poisoning is suspected in animals, contact a veterinarian.	
<b>SYMPTOMS OF POISONING:</b> In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and, in extreme cases, possibly convulsions, may occur.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

**MAY BE FATAL IF SWALLOWED, ABSORBED THROUGH SKIN, OR INHALED. CAUSES EYE IRRITATION.** Do not get on skin or breathe spray mist. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators, mixer/loaders and other handlers must wear coveralls over short-sleeved shirts and short pants, waterproof gloves, chemical-resistant footwear plus socks, chemical-resistant headgear for overhead exposure, protective eyewear, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter, and a chemical-resistant apron when cleaning equipment or mixing and loading.

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.

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 wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

## DIRECTIONS FOR USE

### RESTRICTED USE PESTICIDE

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

**Read entire label before using 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) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 0 hours.

### STORAGE AND DISPOSAL

#### STORAGE

Do not store in or around the home. Store unused product in original container only, in cool, dry area out of reach of children and animals. Store at temperatures above 32° F. If exposed to freezing temperatures, store at temperatures above freezing for 24 hours or until completely thawed. Shake well before using.

#### PESTICIDE DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal law. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

#### IN CASE OF SPILL

If container is damaged, before cleaning up, put on Personal Protective Equipment.

#### CONTAINER DISPOSAL

Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or if allowed by State and local authorities, by open burning. If container is burned, stay away from and do not breathe or contact smoke.

## GENERAL PRECAUTIONS AND INSTRUCTIONS

For use on conventional and conservation tillage field corn.

### SPRAY PREPARATION

Remove oil, rust, scale, pesticide residues and foreign matter from sprayer and strainer. Flush with clean water. Use 50 mesh screens or equivalent in spray system. Applicator tanks should be equipped with a sparge tube agitator. Alternative agitator designs may be used if they can adequately cleanse the bottom of the tank and provide sufficient agitation required for product mixing. Approximately 10% of the tank capacity should be pumped per minute back into the tank through the agitator.

To prepare for spraying, fill tank to approximately 1/2 the needed volume of water or liquid fertilizer and start agitation. Open product container(s) and pour contents into tank. Agitate to ensure thorough mixing for a minimum of 2 minutes or until product is thoroughly dispersed. Product mixtures should be agitated continuously during use. Avoid allowing tank contents to remain without agitation for periods greater than 1 hour. When tank contents have remained without agitation for 1 hour or longer, agitate contents for at least 10 minutes before starting application. Avoid allowing large quantities of product mixtures (greater than 5 gallons) to be stored in a non-agitated tank for extended periods of time, such as 12 hours or greater.

**REGENT® 4 SC Insecticide** can be tank mixed in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product whose label contains a prohibition against such mixing.

If tank mixes with other products are to be used, evaluate tank mix compatibility with **REGENT® 4 SC Insecticide** in a small container before mixing larger quantities in the application tank.

### PESTS CONTROLLED

Crop	Pests Controlled
Field Corn	Northern, Western, Mexican, and Southern Corn Rootworm larvae European Corn Borer (First Brood) Wireworms Common Stalk Borer Seedcorn Maggots Seedcorn Beetles Billbugs Chinch Bugs Grubs Thrips

- Do not apply to sweet corn or popcorn.
- Do not harvest within 90 days of application.
- Do not plant leafy vegetables within one month following application.
- Do not plant root crops within five months following application.
- Do not plant small grains or other rotational crops within 12 months following application.

## APPLICATION

Make one in-furrow application at planting time only.

Do not apply this product through any kind of irrigation system.

Apply at planting time as a solid stream using a microtube or other suitable metering orifice that is directed into the open seed furrow. Dilute **REGENT® 4 SC Insecticide** in a minimum of 1.0 gallon of water or liquid fertilizer per acre. If flat fan nozzles are used for in furrow application, the nozzles should be aligned with the row to direct the spray into the open furrow.

**REGENT® 4 SC** can be directly injected into the suction or pressure line(s) of a liquid spray system provided that the product is uniformly dispersed into the water or liquid fertilizer. Predilution of **REGENT® 4 SC** in a minimum of 0.5 gallons of water or liquid fertilizer per acre, prior to injection, is necessary to improve metering accuracy. The mix tank of **REGENT® 4 SC** plus water or liquid fertilizer must be agitated continuously. After completion of the direct injection in the mixing process, the final volume delivered to the furrow should have a minimum volume of 1.0 gallons per acre of water, liquid fertilizer or the combination of the two.

Observe the following precautions when applying in the vicinity of aquatic areas: Do not apply within 20 yards **(in New York State, do not apply within 100 feet or 33 yards)** of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, commercial aquaculture facilities or other bodies of water that convey water to these areas. Protection of aquatic areas may be enhanced by maintaining all or a portion of this buffer in vegetative cover.

Use the following chart to select the correct rate of **REGENT® 4 SC Insecticide** per 1000 row feet and rate per acre.

Row Spacing (Inch)	Row Feet/Acre (feet)	Rate/1000 ft (fluid ounces/ 1000 ft)	Rate/Acre (fluid ounces/ acre)
30	17,424	0.24	4.16
36	14,520	0.24	3.47
38	13,756	0.24	3.29
40	13,068	0.24	3.12

- Do not apply on row spacing less than 30 inches.
- Adjust rate per 1000 row feet so that you do not apply more than 0.13 lb. ai/acre or 4.2 fluid ounces of **REGENT® 4 SC** per acre.

## COMPATIBILITY

The full range of compatibilities with **REGENT® 4 SC Insecticide** under local conditions is not known. Therefore, it is essential that before using **REGENT® 4 SC Insecticide**, the compatibility of the mixture be established. For example: Fill a quart jar 1/2 full of water or liquid fertilizer then add 2 teaspoons of **REGENT® 4 SC Insecticide** and disperse. Add any other pesticides, fertilizers, or tank mixtures and shake thoroughly. **DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GREASE. FOR BEST RESULTS, SPRAY MIXTURES SHOULD BE USED IMMEDIATELY AFTER MIXING. USE ADEQUATE AGITATION.**

### Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF

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007969-0008520030729.pdf  
NVA 2003-04-218-0085

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

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