

264-580

11-7-2002

1/6



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

NOV 7 2002

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Jamin Huang, Ph.D.  
Bayer CropScience  
P.O. Box 12014  
2 T.W. Alexander Drive  
Research Triangle Park, NC 27709

Dear Dr. Huang:

Subject: Icon 6.2SC Insecticide  
EPA Reg. No. 264-580  
Submission dated 8/14/02

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

Under the Spray Drift heading, the prohibition on application is at winds approaching 15 mph, and under the General heading it is at 10 mph. Revise the label so that they say the same thing.

If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

*for Ann Sibold*  
Joseph Tavano  
Acting Product Manager 10  
Insecticide Branch  
Registration Division (7505C)

2/6

# RESTRICTED USE PESTICIDE

DUE TO TOXICITY TO AQUATIC AND ESTUARINE (TIDEWATER DWELLING) 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.

## ICON™ 6.2 SC Insecticide

**ACTIVE INGREDIENTS:**

Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl) phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1H-pyrazole-carbonitrile ..... 56%

**INERT INGREDIENTS** ..... 44%

1 gallon of ICON™ 6.2 SC Insecticide contains 6.3 pounds of fipronil.

**EPA Reg No. 264-580**

**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.)

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-888-AVENTIS (1-888-283-6847)

**FIRST AID**

**GENERAL**

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>IF SWALLOWED:</b>	<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.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<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>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>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>
<b>IF IN EYES:</b>	<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>

ACCEPTED  
 WITH COMMENTS  
 NOV 7 2002  
 264-580

**For MEDICAL Emergencies Call 24 Hours A Day 1-800-334-7577.**

**Have the product container or label with you when calling a poison control center or doctor or going for treatment.**

**NOTE TO PHYSICIAN:** 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.

**SYMPTOMS OF POISONING:** In severe cases of overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions, may occur.

3/6

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### WARNING

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

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

For handling activities during application involving exposure to pressure greater than 40 p.s.i with fine droplets or mist or direct overhead exposure, wear either a respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix 14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. For all other exposures, wear 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. Wear coveralls worn over a short-sleeved shirt and short pants, socks and chemical resistant footwear and waterproof gloves.

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, and aquatic and estuarine organisms (fish, aquatic invertebrates, and invertebrates that live in tidewater 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. Discharge from treated rice fields may be hazardous to estuarine organisms in neighboring areas. Do not apply to rice cultivation areas where drainage water is released to small, low-flowing receiving water bodies. Do not apply to rice cultivation areas where local drainage is released close to estuarine waters.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

### DIRECTIONS FOR USE

**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.**

### RESTRICTED USE PESTICIDE

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 24 hours.

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 over long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks and chemical-resistant headgear for overhead exposure. 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.

4/6

## 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.

### 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

ICON™ 6.2 SC Insecticide may be used for the control of rice water weevil in rice. ICON™ 6.2 SC Insecticide may be applied broadcast to a dry soil surface as a spray by ground application equipment prior to planting dry seeded rice. For water seeded rice, ICON™ 6.2 SC Insecticide should be broadcast and incorporated onto a dry soil surface prior to establishing a flood for water seeding. To prevent loss of insecticidal activity, ICON™ 6.2 SC must be soil incorporated within 48 hours after application. When applied prior to planting and incorporated, ICON™ 6.2 SC Insecticide offers residual control of rice water weevil and chinch bug.

### SPRAY PREPARATION

Remove oil, rust, scale, pesticide residues and other foreign matter from sprayer and strainer. Flush with clean water. Use 50 mesh screens or equivalent slotted strainers in spray system. To prepare for spraying, fill tank to approximately 1/2 the needed volume of water and start agitation. Add correct amount of ICON™ 6.2 SC Insecticide and continue agitation while filling tank to required spray volume. Agitate to ensure thorough mixing for a minimum of 2 minutes or until product is thoroughly dispersed. **Do not allow water or spray mixture to back siphon into a water source.**

## APPLICATION METHODS

### SPRAY DRIFT

Observe the following precautions when spraying in the vicinity of aquatic areas such as lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish farm ponds.

- Do not apply by ground within 25 feet, or by air within 150 feet of lakes, reservoirs, rivers, permanent streams, marshes, pot holes, or natural ponds, estuaries, and commercial fish farm ponds.
- All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers.
- For aerial application, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used and must not exceed 75% of swing span or rotor diameter.
- Use the largest droplet size consistent with good pest control. Formation of very small droplets may be minimized by appropriate nozzle selection by orienting nozzles away from the air stream as much as possible, and by avoiding excessive spray boom pressure.
- Spray should be released at the lowest height consistent with pest control and flight safety. Applications more than 10 feet above the ground should be avoided.
- Make aerial or ground applications when the wind velocity favors on-target deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid application when wind gusts approach 15 mph.
- Risk of exposure to aquatic areas can be reduced by avoiding application when wind direction is toward the aquatic area.
- Do not cultivate within 10 feet of the aquatic area so as to allow growth of a vegetative filter strip.
- Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of increased spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.
- Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.
- ULV application is prohibited.

### General

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

As spray volume decreases, the importance of accurate calibration and uniform application increases. Check calibration, and uniformity of spray application carefully. To avoid spray drift, do not apply when winds are gusting or when wind speed is greater than 10 mph.

### Ground Broadcast Application

Evenly broadcast ICON™ 6.2 SC Insecticide in 10 to 40 gallons of total volume per acre using any properly calibrated, low pressure sprayer that will apply the spray uniformly.

5/6

**Aerial Broadcast Application**

Apply ICON™ 6.2 SC Insecticide in a minimum of 5 gallons of water per acre. Adjust pump pressure, nozzle arrangements, speed, and application height to provide uniform application to the soil surface.

**Broadcast Use Rate**

	<u>Fluid Ounces ICON™ 6.2 SC/Acre</u>	<u>Pounds Active/Acre</u>
Minimum	0.5	0.025
Maximum	1.0	0.05

**INCORPORATION DIRECTIONS**

**Soil Preparation and Incorporation**

Ground cover, such as crop residues or existing weeds, can interfere with uniform soil incorporation of ICON™ 6.2 SC Insecticide. A manageable level of ground cover will allow uniform incorporation into the top 2 to 3 inches of soil. Ground cover and crop residues, if excessive, should be reduced by appropriate soil tillage prior to application.

Break up clods using tillage equipment prior to application of ICON™ 6.2 SC. ICON™ 6.2 SC must be incorporated within 48 hours after application. With some equipment and methods of application, a second incorporation may be required and may occur any time before flooding or planting. The second incorporation should be in a different direction, and to avoid bringing untreated soil to the surface, should not be deeper than the first.

**General Soil Conditions:** The soil surface should be smooth enough to allow for uniform application and efficient incorporation of ICON™ 6.2 SC Insecticide. Apply when soil moisture is sufficient to allow the breakup of large clods and uniform mixing during the incorporation process. Soil compaction and/or non-uniform incorporation may occur if soil is excessively moist.

**INCORPORATION EQUIPMENT**

Use incorporation equipment capable of mixing ICON™ 6.2 SC uniformly into the top 2 to 3 inches of the final seedbed. Use of inappropriate equipment or improper use of recommended equipment may result in erratic insect control. Incorporation equipment such as a tandem disc will mix ICON™ 6.2 SC approximately half as deep as the equipment is set to operate. For example, a disc set to cut four inches deep will mix most of the ICON™ 6.2 SC within the top 2 inches of soil. Any recommended incorporation implement may be used alone or in combination with any other recommended implement. Two incorporation passes may be required unless otherwise specified.

**Tandem Disc:** Set equipment to cut 4 to 6 inches deep and operate at 4 to 6 mph.

**Field Cultivator:** Set equipment to cut 3 to 4 inches deep and operate at a minimum of 5 mph. A field cultivator is defined as an implement with 3 to 4 rows of sweeps, spaced at intervals of 7 inches or less and staggered so that no soil is left unturned. Chisel points should not be used.

**Combination Seedbed Conditioners:** These implements are defined as three or more tillage devices combined to operate as a single tillage unit. For example, 2 to 3 rows of field cultivator C- or S-shaped shanks with an effective sweep spacing of 6 to 9 inches, (staggered so that no soil is left unturned), followed by a spike-tooth or flexline harrow, followed by a ground driven reel or basket. Combination implements should be set to cut 3 to 4 inches deep and operated at a minimum of 6 mph. ICON™ 6.2 SC can be incorporated with one pass when using a combination seedbed conditioner. Two incorporations are required under conditions which prevent optimum soil mixing such as excessive trash, roughness, high clay content, or soil moisture.

**Rolling Cultivator:** Set equipment to cut 2 to 4 inches deep and operate at 6 to 8 mph. Generally, rolling cultivators are adequate for use only on coarse and medium soils.

**Bed Conditioner (Do-All):** Set equipment to cut 2 to 4 inches deep and operate at 4 to 6 mph. Two incorporation passes are required in flat planted culture. The do-all should be used only on coarse and medium textured soils.

**Mulch Treader and other similar disc-type implements:** Set equipment to cut 3 to 4 inches deep and operate at 5 to 8 mph.

**PTO-Driven Equipment (tillers, cultivators, hoes):** Adjust equipment to incorporate ICON™ 6.2 SC into the top 2 to 3 inches of the final seedbed with rotors spaced to provide a clean sweep of the soil. Only one incorporation is necessary. PTO equipment should not be operated more than 4 mph.

**Other Equipment:** Other implements including the flexible tine-tooth harrow (Flexline or Metroe), or spike toothed roller, but not limited to these listed, will give adequate incorporation and are recommended, but only if proper uniform soil incorporation of the top 2 to 3 inches of soil can be obtained.

**USE RESTRICTIONS**

- Do not plant root crops and leafy vegetables within 5 months following application.
- Do not plant small grains or other rotational crops within 12 months following application.
- Do not fish or commercially grow fish, shellfish, or crustaceans on rice acreage treated with this product.

6/6

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the 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 the manner of use or application, all of which are beyond the control of Aventis CropScience. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** AVENTIS CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Aventis CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AVENTIS CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT AVENTIS CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

NET CONTENTS:

**Aventis CropScience USA LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709**

ICON™ is a trademark of the Aventis Group.

ICON™ 6.2 SC Insecticide (PENDING) Submitted 8/14/02.