



Sensat™

Net Contents:

1 Gallon

**ACTIVE INGREDIENT:**

Spinosad (CAS Number 131929-60-7) ..... 8.66%

**INERT INGREDIENTS:** ..... 91.34%

**TOTAL:** ..... **100.00%**

**EPA Reg. No. 264-995**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FOR ADDITIONAL PRECAUTIONARY STATEMENTS:  
See Inside Booklet.

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

For **PRODUCT USE** Information Call 1-866-99BAYER (1-866-992-2937)

US61381439A 150624A 07/15

Produced for:

Bayer CropScience LP

P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709

SENSAT is a trademark of Bayer.

©2015 Bayer CropScience

## FIRST AID

### 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.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, and shoes plus socks and protective eyewear. 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.

### USER SAFETY RECOMMENDATIONS

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

### ENVIRONMENTAL HAZARDS

This product is highly toxic to mollusks. Do not contaminate water when disposing of equipment washwaters or rinsate.

## **DIRECTIONS FOR USE**

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

Sensat™ is a 0.73 lb ai/gallon flowable formulation that can be used to protect stored grains and other commodities from insect damage at an active ingredient concentration of 1 ppm by weight.

### **PRODUCT INFORMATION**

**STORED GRAIN:** For protection of the listed stored food, feed and oil grain commodities against injury from insect pests including, lesser grain borer, Indianmeal moth, and angoumois grain moth, rice moth, almond moth, confused flour beetle, and flat grain beetle. Additional pests such as rice weevil, granary weevil, maize weevil, red flour beetle, sawtoothed grain beetle, and rusty grain beetle are suppressed to low levels. Protection is achieved by breaking the pest life cycle through control of adults and/or immature life stages.

For optimum results, thoroughly clean and treat grain storage areas prior to storage of grain. If grain is infested, fumigate with a registered insecticide to control existing populations and apply Sensat for residual protection.

**STORED SEED USED FOR PLANTING:** This use is restricted to those crops listed on this label, but includes all non-food crop seeds including, flower seed, ornamental seed, and grass seed. Sensat may also be used in conjunction with registered fungicides or other insecticide seed protectants. Seed treated with Sensat alone, is considered food-quality grain. Seed treated with other seed protectant products may be required to be colored and tagged. Requirements for coloring and tagging can be found on the product labels.

**Application Rates:  
For Crops Typically Treated per 1,000 Bushels, See the Following Table:**

Target Crop	Sensat per 1,000 bushels* (to deliver 1 ppm)	
	fl oz	ml
Barley	8.2	242
Bird seed	See rate/ton	See rate/ton
Corn (field, sweet, pop, grown for seed)	9.8	290
Millet, foxtail	8.7	257
Millet, pearl	5.9	174
Millet, proso	9.8	290
Oats	5.9	174
Sorghum (Milo)	9.8	290
Triticale	10.3	305
Wheat	10.5	310

\*Application rates are based on nominal commodity test weight.

\*\*Ton = U.S. ton (2,000 lbs)

**Specific Use Directions:** Dilute Sensat with water, mix thoroughly and occasionally agitate. Apply as a coarse spray to the moving grain stream. Apply 5 gallons spray mixture per 1,000 bushels of grain for all grain listed above.

**Application per Ton of Grain or Seed:** For crops typically treated per metric tonne (2,200 lbs), such as grain for export, apply 0.38 fl oz or 11.3 ml per metric ton to deliver 1 ppm of active ingredient.

For crops typically treated per ton (2,000 lbs), i.e., bird seed or any other crop listed in the table above, apply 0.35 fl. oz. or 10.4 ml per ton to deliver 1 ppm of active ingredient.

**Top Dressing Treatments:** These treatments are not as effective as treating the full grain column, but they can provide significant protection from some insects such as Indian meal moth. For each 1,000 sq ft of surface, mix 2.6 fl oz of Sensat in 2.0 gallons of water. Apply one-half of the total application amount evenly across the surface and then rake to a depth of at least 4 inches. Complete the treatment by applying the remaining half to the surface and leave undisturbed.

## **RECOMMENDATIONS AND RESTRICTIONS**

- International tolerances and residue limits for crops and commodities treated with this product may not yet be established in one or more countries outside the United States. For this reason, this product should be used only on crops and commodities intended for consumption in the United States or on crops and commodities that will be imported to a country(ies) where you have confirmed the specific import residue policies and applicable residue limits per such import.
- Avoid application at extremely dusty sites.
- When drying grain, apply Sensat after the grain has cooled.
- Do not treat grain more than once.
- Maintain accurate records, especially if commodity is destined for export.
- Calibrate application equipment and grain flow rates daily and when significant changes occur to ensure proper application rates.
- Always start with clean storage bins that have been treated with a protectant with a different mode of action.
- For resistance management, rotate chemical modes of action yearly.
- No withholding period is required for grain used for food, feed, or oil purposes.
- Always shake the container well before mixing to suspend product that may have settled during storage.

**Note:** Refer to the Environmental Hazards section of the product label attached to the product container for required protection measures.

# STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool dry location. Protect from excessive heat.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

## **CONTAINER HANDLING:**

**Rigid, Non-refillable containers small enough to shake (i.e. with capacities less than 5 gallons).**

**Non-refillable container.** Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

**Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs).**

**Non-refillable container.** Do not reuse or refill this container. Refer to Bottom Discharge IBC information as follows.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to

*(continued)*

promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

---

### **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.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience LP, no claims are made to guarantee germination of carry-over seed.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must 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 Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

*(continued)*

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO 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 Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

**LIMITATIONS OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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 BAYER CROPSCIENCE LP'S ELECTION, THE REPLACEMENT OF PRODUCT.

**Bayer**



# NET CONTENTS: 1 GALLON



**Sensat™**

**ACTIVE INGREDIENT:** Spinosad

(CAS Number 131929-60-7) . . . . . 8.66%

**INERT INGREDIENTS:** . . . . . 91.34%

**TOTAL:** 100.00%

EPA Reg. No. 264-995

## KEEP OUT OF REACH OF CHILDREN CAUTION

For **MEDICAL** And **TRANSPORTATION** Emergencies

**ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information Call 1-866-99BAYER  
(1-866-992-2937)

FIRST AID	
<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>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

**FOR ADDITIONAL PRECAUTIONARY STATEMENTS:**  
**See attached label booklet on:** Personal Protective Equipment (PPE), User Safety Recommendations, and Environmental Hazards

**DIRECTIONS FOR USE:** See attached booklet. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool dry location. Protect from excessive heat.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER HANDLING:

**Rigid, Non-refillable containers small enough to shake (i.e. with capacities less than 5 gallons).**

**Non-refillable container.** Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

For complete **CONTAINER HANDLING instructions**, see *attached booklet*.

Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709  
SENSAT is a trademark of Bayer.  
©2015 Bayer CropScience US61381439A 150624A 07/15