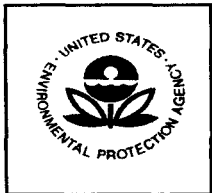


264-1024

08/09/2007

1110



**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Pesticide Programs**  
**Registration Division (7505P)**  
**Ariel Rios Building**  
**1200 Pennsylvania Ave., NW**  
**Washington, D.C. 20460**

EPA Reg. Number:  
**264-1024**

Date of Issuance:  
**AUG - 9 2007**

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance: **Conditional**

Name of Pesticide Product:  
**AE 0317309 SE06 Herbicide**

Name and Address of Registrant (include ZIP Code):

**Bayer CropScience**  
**2 Alexander Drive P.O. Box 12014**  
**Research Triangle Park, NC 27709**

**Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.**

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Submit within one year of the date of this registration notice, storage stability (830.6317) and corrosion characteristics (830.6320) studies.
3. Submit within two years of the date of this registration notice, the in vivo dermal penetration study.
4. Submit within two years of the date of this registration notice, the revisions to the analytical methods.
5. Submit within two years of the date of this registration notice, an analytical reference standard for pyrasulfotole, pyrasulfotole-desmethyl and labeled internal standards to the EPA National Pesticide Standards Repository.
6. Submit within two years of the date of this registration notice, toxicity of residues in sediment to benthic organisms (freshwater and marine).

Signature of Approving Official:

Joanne I. Miller  
 Product Manager 23  
 Herbicide Branch  
 Registration Division (7505P)

Date:

**AUG 9 2007**

7. Make the following label changes:
  - a. EPA recommends that “contains petroleum distillate” be inserted just below the ingredient statement on the product label.
  - b. Add “Note to Physician” to the First Aid, the following statement, “May pose an aspiration pneumonia hazard. Contains petroleum distillate.”
  - c. Add Ground Water Advisory, “Pyrasulfotole is known to leach through soil into ground water under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination.”
  - d. Add Surface Water Advisories, “This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.”
  - e. Change Hazards to Humans and Domestic Animals to read, “Harmful if absorbed through skin. Harmful if swallowed. Avoid contact with skin or clothing. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt and long pants, socks, shoes, and gloves. Remove and wash contaminated clothing before reuse. Avoid contact with eyes or clothing. Wear protective eyewear.”
  - f. Must add the statement to Personal Protective Equipment section, “Follow the manufacturer’s instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.”
  - g. Add bolded word to the second statement under User Safety Recommendations, “Remove clothing/**PPE** immediately if pesticide gets inside.”
  - h. Change third sentence under Environmental Hazards to read, “Do not contaminate water when disposing of equipment washwater or rinsate.”

- i. Add the bolded words to the last statement under Agricultural Use Requirements box, "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**, socks, shoes, chemical resistant gloves such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, or neoprene rubber  $\geq$  14 mils, and protective eye wear.
  - j. Ground Application section must be changed to read, "Apply the appropriate dosage broadcast in 10 to 15 gallons of water per acre. For weed control in dense weed canopies, use 10 to 15 gallons of water per acre."
  - k. Must clarify that there is only 1 application per season, at the rate of 0.045 lb active ingredient per application.
  - l. Under Conditions, add the bolded statement to the last sentence, "**To the extent consistent with applicable law**, all such risks shall be assumed by the user or buyer.
  - m. Revise the EPA Registration Number to read, "EPA Reg. No. **264-1024**."
8. Submit one copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505P)

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# AE 0317309 SE06 HERBICIDE

FOR CONTROL OF CERTAIN BROADLEAF WEEDS IN WHEAT, BARLEY, OATS AND TRITICALE

**ACTIVE INGREDIENT:**

Pyrasulfotole\* (CAS Number 365400-11-9)..... 4.4%

**INERT INGREDIENTS:**

95.6%  
TOTAL 100.0%

\* Protected by US Patent No. 6,420,317

E.P.A. Reg. No.

E.P.A. Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

AUG - 9 2007

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)

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

### FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have a person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give any thing to an unconscious person.</li> </ul>
<b>IF ON SKIN:</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 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>

264-1024

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.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, clothing or breathing dust. Wear protective eyewear (safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

Applicators and other handlers must wear: Long-sleeved shirt and long pants, socks, shoes, chemical resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, or neoprene rubber ≥ 14 mils, and protective eyewear (safety glasses). 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 STATEMENT

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**

**User 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.
- 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**

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 any body of water and do not apply when/where conditions could favor runoff. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Do not allow sprays to drift onto desirable plants. Drift or runoff may adversely affect non-target plants.

**DIRECTIONS FOR USE**

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

**Do not use this product until you have read the entire label.**

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 12 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, socks, shoes, chemical resistant gloves such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, or neoprene rubber  $\geq$  14 mils, and protective eye wear.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE**

Store in a cool, dry place.

**PESTICIDE DISPOSAL**

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

**CONTAINER DISPOSAL**

Empty containers should be triple rinsed (or equivalent), then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**GENERAL INFORMATION**

AE 0317309 SE06 is a selective postemergence herbicide for control of important broadleaf weeds in wheat, barley, oats and triticale.

**ENVIRONMENTAL AND BIOLOGICAL ACTIVITY**

AE 0317309 SE06 is a postemergent herbicide and best results are obtained when applications are made to young actively growing dicot weeds. AE 0317309 SE06 is primarily absorbed through the foliage and rapidly inhibits pigment synthesis, causing death in susceptible weeds. Thorough spray coverage is important.

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**CROPS**

AE 0317309 SE06 may be used in wheat, including durum, barley, oats and triticale.

**APPLICATION TIMING**

**Wheat, Barley, Oats and Triticale Timing**

Apply AE 0317309 SE06 to actively growing wheat, barley, oats or triticale between 1 leaf and up to flag leaf emergence.

**Weed Application Timing**

AE 0317309 SE06 is a postemergent herbicide and best results are obtained when applications are made to young actively growing weeds. See **WEED CONTROL RECOMMENDATION CHART** for appropriate application timing based on weed species and stage of growth.

**APPLICATION METHODS**

**Ground Application**

Properly calibrated ground application equipment may be used to apply AE 0317309 SE06 postemergence as a foliar spray. Select spray nozzles that provide best spray distribution and weed coverage at the appropriate spray pressure. Avoid uneven spray distribution, skips, overlaps, and spray drift.

Apply 13.7 ounces / acre of AE 0317309 SE06 to labeled crops from fully expanded first true leaf up to flag leaf emergence. Apply the appropriate dosage broadcast in 10 or more gallons of water per acre. For weed control in dense weed canopies, use 15 or more gallons of water per acre. Weed infestations should be treated before they become competitive with the crop.

Use nozzles and spray pressure for ground application that deliver medium spray droplets as indicated in the nozzle manufacturer's catalogs such as 80-degree or 110-degree flat-fan nozzles in accordance with ASAE Standard S-572 for optimum spray coverage and canopy penetration. Use screens that are 50 mesh or larger.

Do not use flood-jet nozzles or cone nozzles. Nozzle types, nozzle spacings and lower spray pressures that produce coarse spray droplets may not provide adequate coverage of the weeds to ensure optimum control.

See the **Spray Drift Management** section of this label for additional information on proper application of AE 0317309 SE06 herbicide.

**Aerial Application**

Calibrate aerial (fixed wing or helicopter) spray equipment prior to use. AE 0317309 SE06 should be applied in a minimum of 5 gallons of water per broadcast acre. Weed infestations should be treated before they become competitive with the crop.

To get uniform spray coverage, use nozzles and pressure that deliver medium spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASAE standard S-572. DO NOT use raindrop nozzles.

Aerial applications with this product should be made at a maximum height of 10 feet above the crop with low drift nozzles. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin.

See the **Spray Drift Management** section of this label for additional information on proper application of AE 0317309 SE06.

**WEED CONTROL RECOMMENDATIONS**

**General Weed List**

Postemergence application of AE 0317309 SE06 herbicide will control the following broadleaf weeds. For best control, treat young actively growing weeds. Weeds growing under adverse environmental conditions such as drought will be less susceptible to AE 0317309 SE06 Herbicide. Maximum weed size or stage of growth is listed below. Treat heavy infestations before they become competitive with the crop. Thorough coverage of weeds is necessary to obtain good weed control.

**WEED CONTROL RECOMMENDATION CHART**

Weed Species	Scientific name	13.7 Fluid Ounces per Acre
		Weed Size
Buckwheat, wild	<i>Polygonum convolvulus</i>	1- 6 leaf
Lambsquarters, common	<i>Chenopodium album</i>	1- 6 leaf
Redroot pigweed	<i>Amaranthus retroflexus</i>	1- 6 leaf
Volunteer canola	<i>Brassica rapa</i>	1 - 6 leaf

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#### **APPLICATION HEIGHT:**

For ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

#### **WIND:**

Drift potential is lowest between wind speeds of 2 - 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **NOTE:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

For all non-aerial applications, wind speed must be measured adjacent to the application site, on the upwind side, immediately prior to application.

#### **TEMPERATURE AND HUMIDITY:**

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry. Avoid spraying during conditions of low humidity and/or high temperatures.

#### **TEMPERATURE INVERSIONS:**

Do not make ground applications into areas of temperature inversions because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

#### **CROP ROTATION GUIDELINES**

AE 0317309 SE06 breakdown in the soil is due mainly to microbial action. Under adverse conditions such as cold and drought, degradation may be slowed. When considering crop rotations, soil moisture and soil temperature conditions after application should be monitored. Follow the crops and replanting interval which appear on this label

- 7 Days: Wheat (spring, durum, winter) and spring barley
- 4 Months: Soybeans
- 9 Months: Alfalfa, canaryseed, canola, corn, flax, field peas, lentils and tame oats
- 12 Months: Mustards

Where a crop is not specified, conduct a field bioassay as described in "FIELD BIOASSAY" section of this label.

#### **FIELD BIOASSAY**

A field bioassay must be conducted for crops not listed on this label. To conduct a field bioassay, plant strips of the crop you want to grow the season following AE 0317309 SE06 application. Monitor the crop for response to AE 0317309 SE06 to determine if the crop can be grown safely in previously treated AE 0317309 SE06 areas.

#### **WEED RESISTANCE**

AE 0317309 SE06 contains an active ingredient which inhibits the HPPD enzyme system in susceptible plants. Repeated use of herbicides with the same mode of action allows resistant weeds to spread. To manage the spread of resistant weed populations, use herbicides with different modes of action in tankmixture, rotation, or in conjunction with alternate cultural practices.

#### **PRECAUTIONS FOR USE**

- Do not apply to crops undersown with legume species.
- Rainfall within 1 hour may result in reduced weed control.
- One application of AE 0317309 SE06 may be made per year.
- Do not apply more than 13.7 fluid oz/A of AE 0317309 SE06 per year.

DO NOT graze the treated crops or cut for forage or hay within 25 days of application.

DO NOT harvest wheat or triticale for grain or straw within 50 days of application.

DO NOT harvest barley or oats for grain or straw within 45 days of application.

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## TANK MIX RECOMMENDATIONS

### Compatibility Testing With Tank Mix Partners

If AE 0317309 SE06 herbicide is to be tank mixed with other pesticides, compatibility should be tested prior to mixing. To test for compatibility, use a small container and mix a small amount (0.5 to 1 qt) of spray, combining all ingredients in the same ratio as the anticipated use. If any indications of physical incompatibility develop, do not use this mixture for spraying. Indications of incompatibility usually will appear within 5-15 minutes after mixing. Read and follow the label of each tank-mix product used for precautionary statements, directions for use, geographic and other restrictions.

### Tank Mixtures For Insect Control

AE 0317309 SE06 herbicide may be tank mixed with Baythroid<sup>®</sup>, Baythroid<sup>®</sup>XL, Furadan<sup>®</sup> 4F, Sevin<sup>®</sup> XLR PLUS, Mustang Max or Warrior<sup>®</sup> insecticides providing proper timing for insect and weed control are the same.

### Tank Mixtures For Disease Control

Fungicides such as Absolute, Benlate<sup>®</sup>, Headline, mancozeb (Dithane F-45<sup>®</sup>; Manzate<sup>®</sup> 75DF; Penncozeb<sup>®</sup> 75DF), Prosaro, Tilt<sup>®</sup>, Stratego<sup>®</sup> or Topsin<sup>®</sup> M can be tank mixed with AE 0317309 SE06 herbicide when timing for application of each tank mix partner is the same for the use site.

### Tank Mixtures For Weed Control

AE 0317309 SE06 is a very broad spectrum dicot herbicide. In certain weed control situations, it may be advantageous to tank mix AE 0317309 SE06 with the herbicides listed below to provide expanded weed control. When tank mixing, read and follow the precautionary statements, directions for use, weeds controlled, geographic, and other restrictions on the labeling of each tank mix partner used. AE 0317309 SE06 herbicide may only be tank mixed with the grass herbicides listed on this label. Use in accordance with the most restrictive label limitations and precautions.

Herbicides	
Grass Herbicides	Broadleaf Herbicides
Puma <sup>®</sup>	Bronate Advanced <sup>™</sup> *
Rimfire <sup>™</sup>	Buctril <sup>®</sup> *
Silverado <sup>™</sup>	MCP ester / MCP amine **
Osprey <sup>™</sup>	Ally <sup>®</sup> / Ally Extra <sup>®</sup>
Olympus <sup>™</sup>	Affinity Tankmix <sup>™</sup>
Olympus Flex <sup>™</sup>	Aim <sup>™</sup>
Axial <sup>™</sup>	Express <sup>®</sup>
Avenge <sup>®</sup>	Harmony <sup>®</sup> Extra XP
Assert <sup>®</sup>	Harmony <sup>®</sup>
Achieve <sup>®</sup> SC	Starane <sup>®</sup>
Discover <sup>®</sup> NG	Stinger <sup>®</sup>
Maverick <sup>®</sup>	WideMatch
	2,4-D

\* Equivalent bromoxynil products may be substituted in a tank mix for these products.

\*\* Various formulations of MCP may be used at a rate of 0.25 – 0.375 lb a.i. / A of MCP ester or amine.

### MIXING INSTRUCTIONS

AE 0317309 SE06 must be applied with clean and properly calibrated equipment. Prior to adding AE 0317309 SE06 to the spray tank, ensure that the spray tank, filters and nozzles have been thoroughly cleaned. In-line strainers and nozzle screens should be 50 mesh or coarser.

1. Fill the spray tank 1/4 to 1/2 full with clean water and begin agitation or bypass.
2. Add the appropriate rate of AE 0317309 SE06 directly to the spray tank. Maintain sufficient agitation during both mixing and application.
3. Add a recommended herbicide, if desired.
4. Add surfactant if desired.
5. Fill the spray tank with balance of water needed.
6. Continue agitation during AE 0317309 SE06 application to ensure uniform spray coverage.



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## TANK CLEANUP PROCEDURE

1. Drain the tank completely, and then wash out tank, boom and hoses with clean water. Drain again.
2. Half fill the tank with clean water and add ammonia (i.e., 3% domestic ammonia solution) at a dilution rate of 1% (i.e., 1 gallon of domestic ammonia for every 100 gallons of rinsate). Complete filling of the tank with water. Agitate/recirculate and flush through boom and hoses. Leave agitation on for 10 minutes. Drain tank completely.
3. Repeat step 2.
4. Remove nozzles and screens and soak them in a 1% ammonia solution. Inspect nozzles and screens and remove visible residues.
5. Flush tank, boom, and hoses with clean water.
6. Inspect tank for visible residues. If present, repeat step 2.

## SPRAY DRIFT MANAGEMENT

AE 0317309 SE06 is not volatile. Damage to sensitive crops can occur as a result of spray drift. Spray drift can be managed by several application factors and by spraying under the appropriate climatic conditions. Consequently, avoidance of spray drift is the responsibility of the applicator and grower.

**SENSITIVE AREAS:** The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitats for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Avoiding spray drift at the application site is the responsibility of the applicator and grower. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Do not apply under circumstances where possible drift to unprotected persons or to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption can occur.

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops.

1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.
3. All ground application equipment must be properly maintained and calibrated using appropriate carriers.

Where states have more stringent regulations, they shall be observed.

### INFORMATION ON DROPLET SIZE:

The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions below).

Uniform, thorough spray coverage is important to achieve consistent weed control. Select nozzles and pressure that deliver medium spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASAE Standard S-572. Nozzles that deliver coarse spray droplets may be used to reduce spray drift provided spray volume per acre (GPA) is increased to maintain coverage of weeds.

### CONTROLLING DROPLET SIZE:

- Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Number of nozzles - Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Orientation - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

### BOOM LENGTH:

For some use patterns, reducing the effective boom length to less than 3/4 of the wingspan may further reduce drift without reducing swath width.

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**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 Bayer CropScience. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** BAYER 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 BAYER CROPSCIENCE IS AUTHORIZED TO MAKE ANY WARRANTIES BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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Furadan is a registered trademark of FMC Corporation.

Mustang MAX is a trademark of FMC Corporation.

**NET CONTENTS: Various Sizes**

Produced For



Bayer CropScience LP  
P.O. Box 12014, 2 T.W. Alexander Drive  
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