



Bayer CropScience

Bayer CropScience LP  
 P.O. Box 12014  
 2 T.W. Alexander Drive  
 Research Triangle Park, North Carolina 27709  
 1-866-99BAYER (1-866-992-2937)

## LUNA<sup>®</sup> SENSATION

For control of Alternaria Rot, Black Rot,  
 Brooks Fruit Spot, Grey Mold and Quince  
 Rust in Apple

EPA Reg. No. 264-1090

### PRODUCT BULLETIN

#### FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF ILLINOIS

**FIFRA Section 2(ee) Recommendation:** This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA. It is a violation of federal law to use this product in a manner inconsistent with its label. This product bulletin should be in the possession of the user at the time of application of the product. All applicable directions, restrictions and precautions on the EPA registered label are to be followed.

#### DIRECTIONS FOR USE

APPLE		
Disease Control	Application Rate	Product Instructions
Alternaria Rot ( <i>Alternaria</i> spp.)	4.0 to 5.8 fl oz/acre	Begin applications preventatively, Applications should be made on 7- to 14-day interval depending upon disease conditions. When disease pressure is severe, use the higher rates and/or shorter intervals.
Black rot ( <i>Botryosphaeria obtusa</i> )		
Brooks Fruit Spot ( <i>Mycosphaerella pomii</i> )		Refer to University and/or extension guidelines for best application timings.
Grey Mold ( <i>Botrytis cinerea</i> )		
Quince Rust ( <i>Gymnosporangium clavipes</i> )		
<b>Restrictions:</b> Do not apply more than 21.0 fl oz of LUNA SENSATION per acre per season. Do not make more than 4 applications per season. Do not apply LUNA SENSATION within 14 days of harvest. Do not apply with aerial application equipment. To limit the potential for development of disease resistance to these fungicide classes, do not make more than 2 sequential applications of LUNA SENSATION or any Group 7 or Group 11 containing fungicide before rotating with a fungicide from a different Group.		

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)

*As with any crop-protection product, always read and follow label directions.  
 For additional information call toll-free 1-866-99BAYER (1-866-992-2937).*

# RESTRICTED USE PESTICIDE

DUETO ACUTE TOXICITY TO HUMANS 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.

## TREE-äge

Date: September 12, 2015

Product: TREE-äge® EPA Reg. No. 100-1309-74578

Use: Additional Pests for Two-year Control in Deciduous, Coniferous, and Palm Trees

State: AL, AZ, AR, CA, CO, CT, DE, DC, FL, GA, HI, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY

Manufactured for Arborjet, Inc. 99 Blueberry Hill Road, Woburn, MA 01801 SCPLLABJ 1309A-LIC 1210

### DIRECTIONS FOR USE

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

The user must refer to the federally approved labels for the above noted product and read and follow all directions for use, restrictions, and precautions.

The user should have this recommendation in its possession at the time of use.

Use of this product according to this bulletin has not been reviewed or endorsed by the Office of the Indiana State Chemist.

This recommendation for use of this product is permitted under Section 2(ee) of FIFRA and has not been submitted to or been approved by EPA.

### APPLICATION IN TREES

Tree Tissue	Target Pest	Application Rate <sup>1</sup>	Comments
Bud and Leaf	Cankerworms, Casebearer, Conifer Mites, Eastern Oak Looper, Elm Spanworm, Leafrollers, Linden Looper, Pine Needle Miner, Pine Tip Moth, Poplar Tentmaker, Variable Oakleaf Caterpillar, Yellownecked Caterpillar	Low to High	For best results, apply at least 2-3 weeks before the pest has historically been present. Consult with local extension agent for when this will occur in your area.
Shoot, Stem, Trunk and Branch	Ambrosia Beetles (such as Polyphagous shot hole borer; <i>Eurwallacea fornicatus</i> ), <sup>2</sup> Banyan Stem Gall Wasp, Black Oak Gall Wasp, Black Turpentine Beetle, Carpenterworm, Cottonwood Twig Borer, Walnut Twig Beetle, <sup>2</sup> White Pine Weevil, Zimmerman Moth	Medium to High	For best results, apply at least 30 days before historical egg hatch or adult flight and to trees whose vascular tissue is not damaged. If vascular tissue is damaged or plugged by insect galleries, nematodes or fungi, uniform treatment and control may not be achieved.

<sup>1</sup>Use medium to high rates for remedial and longer residual control.

<sup>2</sup>Use of TREE-äge to control this insect may not result in the control of diseases vectored by the insect.

TREE-äge® is a registered trademark of Arborjet, Inc. © 2014 Arborjet

2(ee) Registrant:  
Arborjet, Inc.  
99 Blueberry Hill Rd.  
Woburn, MA 01801

Expiration Date: September 12, 2019 Label Code:



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Autumn™ Super 51 WDG Herbicide  
 EPA Reg. No. 264-1134

For Reduced Use Rates in Fall Applications

**PRODUCT BULLETIN**

**FOR DISTRIBUTION AND USE ONLY IN THE STATE OF ILLINOIS**

**FIFRA Section 2(ee) Recommendation:** This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or accepted by the U.S. Environmental Protection Agency. This product bulletin should be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Autumn Super 51 WDG Herbicide may be applied at use rates ranging from 0.3 to 0.5 oz./A; depending upon geographic location, application timing and soil pH.

**USE RATES**

Time of Year	Geographical Use Location	Application Timing	Autumn Super 51 WDG Herbicide Use Rate (Oz/A)	
			Soil pH 6.8 or less	Soil pH 6.8 to 8.0 <sup>1</sup>
Fall	Areas North of Interstate 70	After Fall Harvest, Prior to Nov.1, Before ground freeze	0.5	0.3
		After Fall Harvest, After Nov. 1, Before ground freeze	0.3	0.3
	Areas South of Interstate 70	After Fall Harvest, Before ground freeze	0.5	0.3

<sup>1</sup>DO NOT apply to soils with pH > 8.0

**USE PRECAUTIONS**

1. Autumn Super 51 WDG Herbicide will not provide season-long pre-emergence control of annual grass and broadleaf weeds. The length of residual weed control is generally rate dependent with greater residual control with higher use rates.
2. Application of an ALS-containing herbicide during the growing season following an Autumn Super 51 WDG herbicide application may increase the injury potential to soybeans when planted as the next rotational crop. In situations where extreme dry and cold conditions follow a Fall Autumn Super application, it is recommended to plant a STS soybean cultivar if one is using additional Spring-applied ALS-containing herbicides in soybeans.

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*For additional information call toll-free 1-866-99BAYER (1-866-992-2937)*

# FIFRA Section 2(ee) Recommendation



FOR DISTRIBUTION AND USE ONLY WITHIN THE STATES OF  
AL, AR, FL, GA, IA, IL, IN, LA, MO, MS, NC, OH, OK, SC, TN, VA, WI and WV

## Piper™ HERBICIDE

EPA Reg. No. 59639-193

### TO MAINTAIN BARE GROUND IN NON-CROP AREAS

This FIFRA section 2(ee) recommendation expires on December 31, 2019.

#### DIRECTIONS FOR USE

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

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA. This 2(ee) recommendation contains directions for use which do not appear on the package label and must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions and precautions on the EPA registered label when using Piper™ Herbicide. Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.

#### Use Sites

Nonselective vegetation control to maintain bare ground non-crop areas that must be kept weed-free. Apply *Piper* Herbicide only to:

- Bare ground under guard rails, above-ground pipelines, railroad beds, railroad yards and surrounding areas.
- Bare ground in parking and storage areas, plant sites, substations, pumping stations and tank farms.
- Bare ground areas of airports, brick-yards, industrial plant sites, lumber yards, military installations and storage areas.
- Bare ground around farm buildings and along ungrazed fence rows, wind breaks and shelter belts.
- Road surfaces, improved roadside areas and gravel shoulders.

Application Rate	Weeds Controlled or Suppressed	Special Instructions
8 oz/Acre	Annual grassy weeds including barnyardgrass, crabgrass, foxtails, Italian ryegrass and sprangletop	Preemergent Application: Apply before weed germination.  Postemergent Application: Tank mix with an adjuvant listed on <i>Piper</i> Herbicide container label.  Apply with labeled rates of tank mix partners to increase residual or postemergent control.
<b>Restriction:</b> <ul style="list-style-type: none"><li>• Do not apply more than one application per season.</li></ul>		



## 2(ee) Recommendation

Use information in accordance with Section 2(ee) of FIFRA

### DUPONT™ CANOPY® EX HERBICIDE

EPA REG. NO. 352-635

### PLUS DUPONT™ PANOFLEX™ HERBICIDE

EPA Reg. No. 352-876

### OR ABUNDIT™ EXTRA HERBICIDE

EPA Reg. No. 71368-20

### DUPONT™ CANOPY® EX HERBICIDE REDUCED RATES FOR USE IN POST HARVEST OR FALLOW BURNDOWN OF WEEDS IN ILLINOIS, INDIANA, IOWA, MISSOURI AND WISCONSIN

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by EPA.

#### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Always read this FIFRA 2(ee) bulletin and the entire label on the product container before using this product.

CANOPY® EX herbicide may be used at 0.5 – 0.75 ounces per acre and tank mixed with PANOFLEX™ herbicide at 0.3 ounces per acre or ABUNDIT™ EXTRA herbicide for burndown of weeds when applied post-harvest or to fallow fields prior to planting soybeans. See PANOFLEX™ herbicide and ABUNDIT™ EXTRA herbicide labels for weeds controlled and weed size limitations. For improved weed control, CANOPY® EX herbicide may be tank mixed with other herbicides, such as 2,4-D, that are labeled for post-harvest or fallow fields prior to planting soybeans

#### SEQUENTIAL APPLICATIONS WITH DUPONT™ ENLITE™ HERBICIDE

CANOPY® EX applied in the fall or early spring with PANOFLEX™ or ABUNDIT™ EXTRA will not provide sesason-long preemergence weed control of annual grasses and broadleaf weeds. On soils with composite soil pH greater than 7.0 and where a total of 0.25 ounces active ingredient per acre of chlorimuron ethyl can be applied in a growing season, sequential applications of ENLITE® herbicide at 2.8 – 4.25 ounces per acre may be made where allowed following CANOPY® EX herbicide at 0.5 – 0.75 ounces per acre. Total use rate combinations of CANOPY® EX and ENLITE® or other chlorimuron ethyl containing products should not exceed 0.25 ounces active ingredient of chlorimuron ethyl per acre per year.

To ensure maximal rotational flexibility when considering a sequential program of CANOPY® EX followed by ENLITE® or other herbicides containing chlorimuron ethyl, carefully consider: the soil pH, use rate combinations guidelines below, and the Rotational Crop Guidelines for all product labels.

Use rate combinations of CANOPY EX followed by ENLITE which do not exceed 0.25 ounces active ingredient per acre of chlorimuron ethyl:

CANOPY® EX oz/acre*	Sequential Application of ENLITE® herbicide oz/acre*
0.5	Up to 4.25
0.55	Up to 4.25
0.66	Up to 3.5
0.75	2.8

\*Refer to the CANOPY® EX and ENLITE® herbicide labels for specific information regarding use rates, application timing, crop rotations, and other restrictions and precautions

DuPont will not be responsible for losses or damages resulting from the use of these products in any manner not specifically instructed by DuPont. User assumes all risks associated with such non-labeled use.

Read and follow all applicable directions, restrictions and precautions on the EPA-registered label for each product.

#### SURFACTANTS

Include a spray adjuvant with applications. In addition, an ammonium nitrogen fertilizer may be used. For best results, add a crop oil concentrate or modified seed oil (methylated, ethylated or saponified) at 1% v/v (1 gallon per 100 gallons of spray) or, add nonionic surfactant at 0.25 - 0.5% v/v (1 - 2 quarts per 100 gallons of spray).

#### IMPORTANT PRECAUTIONS:

Refer to the PANOFLEX™, ABUNDIT™ EXTRA, CANOPY® EX, ENLITE® and any other herbicide labels used as tank mix partner or in sequential applications for information on weed species controlled, additional use directions, restrictions, rotational crop intervals and precautions. The most restrictive provision on any label shall apply.