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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

2014

NOV

Anna B. Wilkins Arysta LifeScience North America, LLC 15401 Weston Parkway, Ste 150 Cary, N.C. 22202

SUBJECT: Label Amendment – Amending Label for California Product Name: Obtain EC Herbicide EPA Registration Number: 66330-385 Application Date: November 11, 2013 Decision Number: 485095

Dear Ms. Wilkins:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Dianne L. Morgan at phone number 703-305-6217, or via email at morgan.dianne@epa.gov.

Sincerely.

Kathryn V. Montague Product Manager 23 Herbicide Branch Registration Division (7505P) Office of Pesticide Programs

Enclosure

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		GROUP	4 HERBICIDE 66330 385	

# **OBTAIN® EC Herbicide**

For use on small grains (wheat, barley, and oats), field corn, sweet corn, grain sorghum, on-farm non-cropland, conservation reserve program acres, grasses grown for seed, forage, or hay, millet, onions and pome fruit to control annual and perennial broadleaf weeds, volunteer potatoes, rangeland and permanent pastures, non-crop land areas including Industrial sites, non-irrigation ditch banks, rights of way such as electrical power lines, communications lines road sides and railroads including grazed areas within these sites and pine plantations

Do not apply to St. Augustine grass in the state of Florida

Not for sale, distribution, or use in Nassau and Suffolk counties, New York.

ACTIVE INGREDIENT(S):	BY WT.
Fluroxypyr 1-methylheptyl ester:	
((4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy)acetic acid,	
1-methylheptyl ester	
Other Ingredients	
TOTAL	
Acid Equivalent: fluroxypyr: (4-amino-3,5-dichloro-6-fluoro-2-pyridinyl)oxy	/)acetic acid – 31.59% (2.8 lb/gal).
Contains Petroleum Distillate.	

# KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

Si usted no entiende la etiqueta, busqua a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail)

•	this label, and someone to explain it to you in detail)	
See	inside of booklet for additional Directions for Use and Precautionary Statements.	
	FIRST AID	7
	Immediately call a poison control center or doctor.	1
IF	• Do not induce vomiting unless told to do so by a poison control center or doctor.	
	- Do not give any liquid to the norman	

SWALLOWED:	Do not give any liquid to the person.	
	<ul> <li>Do not give anything by mouth to an unconscious person.</li> </ul>	
IF ON SKIN OR CLOTHING:	<ul> <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 IN EYES:	<ul> <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 five minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>	
	HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard. Contains petroleum distillate. FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE: Call PROSAR at 1-866-303-6952 or 1-651-632-8946. FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC at 1-800-424-9300 or 1- 703-527-3887.		

# FOR PRODUCT INFORMATION: 1-866-761-9397

EPA REG. No. 66330-385

EPA EST. NO.

NET CONTENTS:

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#### **Produced for:**

ARYSTA LIFESCIENCE NORTH AMERICA, LLC 15401 Weston Parkway, Suite 150 Cary, NC 27513 

# PRECAUTIONARY STATEMENTS

# HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid contact with eyes, skin, or clothing. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

# 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
- Chemical-resistant gloves (Category A) made of materials such as butyl rubber ≥14 mils, natural rubber ≥14 mils, neoprene rubber ≥14 mils, or nitrile rubber ≥14 mils
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily conta minated with this product's concentrate. 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 CONTROLS STATEMENTS

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 m ay be reduced or modified as specified in the WPS.

## USER SAFETY RECOMMENDATIONS

**USERS SHOULD:** Wash hands bef ore eating, drin king, chewing gum, using toba cco or using the toilet. Remove clothing/PPE immediately if pesticide gets insi de. Then wash thoroughly and put on cl ean clothing. Remove PP E 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

This product is toxic to fish. 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 apply when weather conditions favor drift or runoff from treated areas as this product may be hazardous to aquatic organisms and non-target plants. Do not contaminate water when disposing of equipment wash waters. Do not allow sprays to drift onto adjacent desirable plants.

Avoiding Run-off to Surface Water or Adjacent Land

Apply this product strictly in accordance with the run-off precautions on this label in order to minimize off-site exposure and potential effects on aquatic organisms and non-target plants.

Under certain conditions, this product may have a potential to run-off to surface water or adjacent land. Use vegetation filter strips or treatment setbacks along rivers, creeks, streams, wetlands, etc., or on the downhill side of treated areas where run-off could occur to minimize water runoff.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

# DIRECTIONS FOR USE

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

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.

**Important:** Read these entire DIRECTIONS FOR USE and the WARRANTY AND DISCLAIMER statement before using this product.

# 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 Protections Standard.

# Do not allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated area s that is permitted under the Worker Protection St andard and that involve s contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves (Category A) made of materials such as butyl rubb er ≥14 mils, natural rubbe r ≥14 mils, neoprene rubber ≥14 mils, or nitrile rubber ≥14 mils
- Shoes plus socks
- Protective eyewear

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for Agricultural Pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Entry Restrictions for Non-WPS Uses: When applied to on-farm non-cropland, keep unprotected persons out of treated areas until sprays have dried.

### PRODUCT INFORMATION

**OBTAIN® EC Herbicide** is a selective herbicide for control of annual and perennial broadleaf weeds including kochia, bedstraw (cleavers), common sunflower, volunteer flax and vo lunteer potato in wheat, barley, oats (not under se eded to with a legume), field corn, sweet corn, grain sorghum, millet, pome fruits, onions, rangeland and permanent pastures, onfarm non-cropland, non-cropland areas including industrial sites, non-irrigation ditch banks, rights of way, pine plantations and conservation reserve program (CRP).

#### SPRAY ADJUVANTS

Generally, this product does not require the use of an adjuvant to achieve satisfactory weed control when applied alone. However, the addition of an adjuvant may optimize herbicidal activity when applications are made (a) at lower carrier volumes, (b) under conditions of cool temperatures, low relative humidity or drought, or (c) to small, he avily pubescent kochia. Adjuvants may be used when required by a tank mix partner. Follow all applicable directions on the label for the tank mix partner.

When an adjuvant is to be used with this product, Arysta recommends the use of a Chemical Producers and Distributors Association (CPDA) certified adjuvant.

#### SPOT TREATMENTS AND HAND-HELD SPRAYERS

To prevent misapplication, spot treatments should be applied with a calibrated boom or with hand sprayers according to the directions below.

Hand-held or backpack sprayers may be used for spot application of **OBTAIN EC Herbicide** if care is taken to apply the spray uniformly and at a rate equivalent to a broadcast application. Application rates in the table are based on an area of 1,000 sq ft. The amount of **OBTAIN EC Herbicide** (fl oz or ml) in the table should be mixed with 1 gallon or more of water and applied to an area of 1,000 sq ft. To calculate the amount of product required for larger areas, multiply the table value (fl oz or ml) by the area to be treated in "thousands" of square feet, e.g. if the area to be treated is 5,000 sq ft, multiple the table value by 5 (calc. 5,000/1,000 = 5).

Amount of OBTAIN EC Herbicide to Equal Specified Broadcast Rate (Mix with 1 gallon or More of Water and Apply to 1,000 sq ft)		
0.4 pt/A	0.55 pt/A	0.7 pt/A
0.15 fl oz	0.20 fl oz	0.26 fl oz
(4.4 ml)	(5.9 ml)	(7.7 ml)

WEEDS CONTROLLED OR SUPPRESSED WITH OBTAIN EC HERBICIDE		
Weeds Controlled	Weeds Suppressed	
Catchweed bedstraw (Cleavers)	Bindweed, field	
Chickweed, common	Buckwheat, wild	
Clover, white	Canola, volunteer	
Cocklebur, common	Devilsclaw	
Coffeeweed	Field horsetail	
Flax, volunteer	Horseweed (marestail)	
Grape species	Knotweed	
Hedge bindweed	Mallow, common	
Hemp dogbane	Marestail	
Jimsonweed	Marshelder	
Kochia <sup>**</sup>	Mustard, species	
Mallow, Venice	Nightshade, species	
Morning glory	Pennycress, field	
Prickly lettuce	Potato, volunteer	
Puncturevine	Russian thistle	
Purslane, common		
Ragweed, common		
Ragweed, giant		
Sunflower, common	· · ·	
Velvetleaf		
** Includes herbicide tolerant or resistant biotypes.		

#### APPLICATION TO WHEAT, BARLEY AND OATS

Apply as a b roadcast postemergence treatment to actively growing wheat, barley or oats, from the 2 leaf crop stage of growth up to and including flag leaf emergence for control of broadleaf weeds. Apply when weeds are actively growing, but before weeds are 8 inches tall or vining. For control of volunteer potatoes, apply before potato plants are 8 inches tall. Only weeds emerged at the time of application will be controlled. Extreme growing conditions such as drought or near freezing temperatures prior to, at, and following the time of application may reduce weed control and increase risk of crop injury at all stages of growth. **Do not use if cereal crop is underseeded with a legume.** Foliage that is wet at the time of application may decrease control of targeted weeds. Applications of **OBTAIN EC Herbicide** are rain-fast within 1 hour after application.

**Spot Application:** Spot applications may be made; however, to prevent over-application spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application" above.

#### **Broadcast Application Rates:**

Weed Size	Application Rate (pt/A)	
Susceptible broadleaf weed seedlings less than 4 inches tall	0.3*	
or vining		
Susceptible broadleaf weed seedlings less than 8 inches tall	0.4	
or vining		
Volunteer potatoes	0.7	
* The 0.3 pt/A rate will generally provide satisfactory control of koch	via coodlings loss than 4 inches tall (includin	

\* The 0.3 pt/A rate will generally provid e satisfactory control of kochia seedlings less than 4 inches tall (including ALS resistant biotypes). However, when conditions for control are less favorable, such as drought or cool temperatures, the 0.4 pt/A rate will provide more consistent control of kochia seedlings 1 to 4 inches tall. Control of small kochia with reduced rates will be more consistent if kochia is at least 1 inch tall. The 0.4 pt/A rate should be used for optimal control of dicamba tolerant kochia populations.

#### **Restrictions:**

- Do not allow livestock to graze treated areas or harvest treated forage within 7 days of application.
- Do not apply more than 0.7 pt/A of **OBTAIN EC Herbicide** per growing season.
- Preharvest Interval: Do not apply closer than 14 days before cutting of hay or 40 days before harvesting of grain and straw.

#### APPLICATION TO FIELD CORN

**General:** Apply **OBTAIN EC Herbicide** at a rate of **0.4 pt/A** as a broadcast post emergence treatment using ground equipment or by air. **OBTAIN EC Herbicide** may be applied as a preplant treatment to control **emerged** volunteer potato or for burndown of emerged weeds (refer to "Special Directions for Control of Volunteer Potato"). **OBTAIN EC Herbicide** may be applied in a tank mix combination with labeled rates of other re gistered herbicides. Read and follow all lab el directions, including applicable use directions, precautions and limitations on each product label.

**Application Timing:** Apply as a broadcast or band treatment to field corn up to, and including, 5 fully exposed leaf collars (V5 growth stage). Do not broadcast apply to field corn with 6 fully exposed leaf collars (V6 growth stage). Applications to field corn beyond the V5 growth stage should be made as a directed spray using drop nozzles (see crop safety precaution below). Apply when broadleaf weeds are actively growing, but before weeds are 8 inches tall. If wild buckwheat is present, apply before vining stage of growth. Only weeds emerged at the time of application will be controlled or suppressed. Extreme growing conditions such as drought or near freezing temperatures prior to, at, and following the time of application may reduce weed control and increase risk of crop injury at all stages of growth. Foliage that is wet at the time of application.

**Spot Application:** Spot applications made be made, however, to prevent over-application spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application".

**Pre Plant Burndown:** For no-till or burndown applications to control emerged weeds, apply alone or in a tan k mix combination with a labeled herbicide prior to planting.

#### **Special Directions for Control or Suppression of Volunteer Potato:**

- Pre Plant Application (Suppression): Apply 0.4 pt/A prior to planting corn when the majority of the volunteer
  potato plants are 4 to 8 inches tall. For best results, eave soil undisturbed and plant field corn two weeks following
  application.
- Sequential Applications (control): To control heavy populations of volunteer potato, a preplant application at 0.3-0.4 pt/A may be followed by a postemergence application of 0.3-0.4 pt/A. Do not exceed two applications per season.
- **Postemergence Application (Suppression):** Apply 0.4 pt/A when the majority of the volunteer potato plants are 4 to 8 inches tall.

#### **Restrictions:**

- Do not make more than two applications or apply more than 0.7 pt/A per crop season.
- Preharvest Interval: Do not allow live stock to graze or ha rvest forage from treated a reas within 47 d ays of application. Do not apply less than 90 days before harvest of grain or stover.

**Crop Tolerance Precaution:** Crop injury (stem curvature, stunting or brace root injury) may occur with some corn hybrids or lines when **OBTAIN EC Herbicide** is applied as a broadcast treatment. Hybrids or lines that are susceptible to phenoxy injury may also be susceptible to **OBTAIN EC Herbicide**. Consult current seed corn company herbicide management guides for further information.

**Tank Mixing: OBTAIN EC Herbicide** may be applied alone or in tank mix combination with other herbicides registered for post emergent application in field corn unless tank mixing is specifically prohibited by the label of the tank mix product. When **OBTAIN EC Herbicide** is tank mixed with a companion herbicide, follow all applicable use directions, precautions, restrictions, and limitations listed on the manufacturer's label. If an adjuvant is added to the spray mixture as a requirement of the tank mix partner, follow label directions for both the tank mix partner and the adjuvant product.

Adjuvants: Generally, this product does not require the use of an adjuvant to achieve satisfactory weed control when applied alone. Adjuvants may be used when required by a tank mix partner. Follow all applicable directions on the label for the tank mix partner. Use of a high quality adjuvant may improve weed control in hot dry conditions.

When an adjuvant is to be used with this product, Arysta recommends the use of a Chemical Producers and Distributors Association (CPDA) certified adjuvant.

#### APPLICATION TO SWEET CORN

**General:** Apply **OBTAIN EC Herbicide** at a rate of **0.4** pt/A as a broadcast post emergence treatment using ground equipment or by air. **OBTAIN EC Herbicide** may be applied as a preplant treatment to control **emerged** volunteer potato or for burn down of emerged weeds (refer to "Special Directions for Control of Volunteer Potato" belo w). **OBTAIN EC Herbicide** may be applied in a tank mix combination with labeled rates of other registered herbicides. Read and follow all label directions, including applicable use directions, precautions and limitations on each product label.

**Application Timing:** Apply as a broadcast or band treatment to sweet corn up to, and including, 4 fully exposed leaf collars (V4 growth stage). Do not broadcast apply to sweet corn with 5 fully exposed leaf collars (V5 growth stage). Applications to sweet corn beyond the V4 growth stage should be made as a directed spray using drop nozzles (see crop safety precaution below). Apply when broadleaf weeds are actively growing, but before weeds are 8 inches tall. If wild buckwheat is present, apply before vining stage of growth. Only weeds emerged at the time of application will be controlled or suppressed. Extreme growing conditions such as drought or near freezing temperatures prior to, at, and following the time of application may reduce weed control and increase risk of crop injury at all stages of growth. Foliage that is wet at the time of application may decrease control of targeted weeds. Applications of **OBTAIN EC Herbicide** are rain-fast within 1 hour after application.

**Spot Application:** Spot applications made be made, however, to prevent over-application spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application" above.

**Pre Plant Burndown:** For no-till or burndown applications to control emerged weeds, apply alone or in a tan k mix combination with a labeled herbicide prior to planting.

#### **Special Directions for Control or Suppression of Volunteer Potato:**

- Pre Plant Application (Suppression): Apply 0.4 pt/A prior to planting corn when the majority of the volunteer
  potato plants are 4 to 8 inches tall. For best results, eave soil undisturbed and plant field corn two weeks following
  application.
- Sequential Applications (Control): To control heavy populations of volunteer potato, a preplant application at 0.3-0.4 pt/A may be followed by a postemergence application of 0.3-0.4 pt/A. Do not exceed two applications per season.
- Postemergence Application (Suppression): Apply 0.4 pt/A when the majority of the volunteer potato plants are 4 to 8 inches tall.

## **Restrictions:**

- Do not make more than two applications or apply more than 0.7 pt/A per crop season.
- Preharvest Interval: Do not allow live stock to graze or ha rvest forage from treated a reas within 31 d ays of application. Do not apply less than 31 days before harvesting ears.

**Crop Tolerance Precaution:** Not all sweet corn hybrids have been screened for tolerance to **OBTAIN EC Herbicide**. Crop injury (stem curvature, stunting or brace root injury) may occur with some corn hybrids or lines when **OBTAIN EC Herbicide** is applied as a broad cast treatment. Take particular care to manage for environmental conditions such as unfavorable combinations of temperature and humídity. Hybrids or lines that are susceptible to phenoxy injury may also be susceptible to **OBTAIN EC Herbicide**. Consult current seed corn company herbicide management guides for further information.

Tank Mixing: OBTAIN EC Herbicide may be applied alone or in tank mix combination with other herbicides registered for post emergent application in field corn unless tank mixing is specifically prohibited by the label of the tank mix product. When OBTAIN EC Herbicide is tank mixed with a companion herbicide, follow all applicable use directions, precautions, restrictions, and limitations listed on the manufacturer's label.

Adjuvants: Do not use a spray adjuvant when applying OBTAIN EC Herbicide alone. Use of an adjuvant may increase effectiveness on weeds but may reduce selectivity to the crop, particularly under conditions of plant stress such as drought or cold temperatures. If an adjuvant is added to the spray mixture as a requirement of a tank mix partner, follow all the manufacturer's instructions. Do not apply OBTAIN EC Herbicide in combination with crop oil concentrates, petroleum-based oils or methylated seed oils unless the risk of injury is acceptable.

# APPLICATION TO GRAIN SORGHUM (MILO)

**General:** Apply **OBTAIN EC Herbicide** at a rate of **0.4 pt/A** as a broadcast post emergence treatment using ground equipment or by air. **OBTAIN EC Herbicide** may be applied in a tank mix combination with labeled rates of other registered herbicides such as atrazine. Read and follow all label dire ctions, including applicable use directions, precautions and limitations on each product label. Extreme growing conditions such as drought or near freezing temperatures prior to, at, and following the time of application may reduce weed control and increase risk of crop injury at all stages of growth. Foliage that is wet at the time of application may decrease control of targeted weeds. Applications of **OBTAIN EC Herbicide** are rain-fast within 1 hour after application.

**Spot Application:** Spot applications made be made, however, to prevent over-application spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application".

#### **Application Timing:**

- Pre Emergence: For no-till or burndown applications, apply to emerged weeds after planting, but prior to grain sorghum emergence.
- Post Emergence: OBTAIN EC Herbicide may be broadcast applied from the 3-leaf growth stage of grain sorghum through the 7-leaf stage. Use drop nozzles and direct the spray toward the soil surface to avoid contact with the grain sorghum foliage to reduce the potential for crop injury. Do not apply after the boot stage.
- For both pre emergence and post emergence applications, apply when weeds are actively growing, but before
  weeds are 8 inches tall and before wild buckwheat is vining. Only weeds that have emerged at the time of application
  will be controlled.
- To control heavy populations, a pre emergence application may be followed by a post emergent application. Do not
  exceed two applications per season.

#### **Restrictions:**

- Do not make more than two applications or apply more than 0.7 pt/A per crop season.
- **Preharvest Interval:** Do not allow live stock to graze or ha rvest forage from treated a reas within 40 d ays of application. Do not apply less than 70 days before harvest of grain or stover.

**Tank Mixing: OBTAIN EC Herbicide** may be applied alone or in tank mix combination with other herbicides registered for post emergent application in grain sorghum unless tank mixing is specifically prohibited by the label of the tank mix product. When **OBTAIN EC Herbicide** is tank mixed with a companion herbicide, follow all applicable use directions, precautions, restrictions, and limitations listed on the manufacturer's label. Do not apply in combination with Ally<sup>®</sup> herbicide.

Adjuvants: Generally, this product does not require the use of an adjuvant to achieve satisfactory weed control when applied alone. Adjuvants may be used when required by a tank mix partner. Follow all applicable directions on the label for the tank mix partner. Use of a high quality adjuvant may improve weed control in hot dry conditions.

When an adjuvant is to be used with this product, Arysta recommends the use of a Chemical Producers and Distributors Association (CPDA) certified adjuvant.

# APPLICATION TO RANGELAND AND PERMANENT GRASS PASTURES

Apply **OBTAIN EC Herbicide** as a single treatment or as sequential postemergence treatment using ground or aerial application equipment. **OBTAIN EC Herbicide** may be applied in a tank mix combination with other foliar-applied herbicides labeled for use on rangeland and permanent pastures to control additional weeds and woody plants. Read and follow each tank mix partner for most restrictive language.

Application Timing and Weeds Controlled or Suppressed: Apply as a broadcast treatment when weeds are actively growing, but prior to bud stage of weed growth. Use a total spray volume of 5 or more gallons per acre for ground broadcast or 3 or 'more gallons per acre by air. Only weeds emerged at the time of application will be controlled.

Tank Mixtures: for control of additional weeds and woody plants, **OBTAIN EC Herbicide** may be tank mixed with Remedy or Tordon 22K herbicide at the indicated application rates.

Tank Mix Partners	Application Rates	Additional Weeds/Brus	h Controlled
OBTAIN EC Herbicide + Remedy	4 fl oz/A + 9 fl oz/A	buttercup, hairy croton dogbane, hemp kochia lespedeza, sericea	marshelder ragweeds sunflower thistle, musk vetch
OBTAIN EC Herbicide + Remedy	6 fl oz/A + 3/4 fl oz/A	dandelion dock, curly dogfennel goldenrod	horseweed/marestail ironweed lantana plantain
OBTAIN EC Herbicide + Remedy	9 fl oz/A + 1 fl oz/A	blackberry rose, multiflora	tropical soda apple wax myrtle persimmon
<b>OBTAIN EC Herbicide</b> + Tordon 22K	6 fl oz/A + 1/2 fl oz/A	bindweed, field broomweed, annual buttercup hairy cocklebur croton dogfennel goldenrod dogbane, hemp horsenettle horseweed	kochia lespedeza, sericea marshelder mullein ragweeds sneezeweed, bitter sunflower thistle, musk vetch
OBTAIN EC Herbicide + Tordon 22K	12 fl oz/A + 1 fl oz/A	blackberry locust plum, wild prickly pear cactus	rose, Cherokee rose, Macartney rose, multiflora sumac

# RESTRICTIONS

- Grazing and harvest restrictions: There are no grazing restrictions for livestock, including lactating or non-lactating dairy animals. Meat animals must be withdrawn from treated forage at least 2 days before slaughter. Do not harvest grass for hay or silage from treated areas within 7 days of application.
- Plant-back restriction: only forage grasses, wheat, barley, oats, field corn, sweet corn and grain sorghum may be planted in treated fields within 120 days following application of OBTAIN EC Herbicide.
- **OBTAIN EC Herbicide** may injure or kill legumes. Do not apply if the injury to legume s cannot be tole rated. Legumes may be less sensitive to herbicide injury after plant growth is mature and seed has set.
- Chemigation: Do not apply through any kind of irrigation system.
- Do not apply to St. Augustine grass in the State of Florida.
- Non-irrigation Ditch Banks and Seasonally Dry Wetland Sites: It is permissible to treat non-irrigation ditch banks, seasonally dry wetlands (such as flood plains, deltas, marshes, swamps, or bogs), and transitional areas between upland and lowland sites. For control of woody plants and broadleaf weeds in these sites, follow use directions and application methods on this label for the specific site being treated.
- Dry Irrigation Canals/Ditches: Do not apply OBTAIN EC Herbicide to the inner banks of dry irrigation canals/ditches unless a 120-day restriction on use of irrigation water can be observed or residue levels of fluroxypyr (active ingredient in OBTAIN EC Herbicide) are determined by laboratory analysis, or other appropriate means of analysis, to be 1 ppb or less. Do not apply on ditches or canals currently being used to transport irrigation water or that will be used for irrigation within 4 months following treatment.

# APPLICATION TO GRASSES GROWN FOR SEED, FORAGE OR HAY.

**OBTAIN EC Herbicide may be applied for broadleaf weed control in the following grasses grown for seed, forage or hay:** bermudagrass, bluegrass (perennial and annual), bromeg rass, fescue, hay graze r, orchardgrass, ryegrass (perennial and annual), redtop cane, sorghum, sorghum-Sudan, Sudan, sudex, and timothy. **OBTAIN EC Herbicide may be applied for broadleaf weed control in the following grasses grown for forage or hay only:** triticale.

Apply as a broadcast postemergence treatment using ground equipment or by air. A second application may be made a minimum of 14 days after the first. **OBTAIN EC Herbicide** may be applied in a tank mix combination with labeled rates of other registered herbicides. Read and follow all la bel directions, including a pplicable use directions, precautions and limitations on each product label. When tank mixing, the most restrictive limitations on each label must apply.

**Application Timing:** Apply to established grasses in the spring when weeds are actively growing, but before weeds are 8 inches tall. Only weeds emerged at the time of application will be controlled. New plantings of grass crops may be treated from the 2 true leaf stage of growth prior to the early boot stage. Do not apply during boot, flowering, or seed development stage of growth if grass crop is to be harvested for seed. Extreme growing conditions such as drought or near freezing temperatures prior to, at, and following the time of application may reduce weed control and increase risk of crop injury at all stages of growth. Foliage that is wet at the time of application may decrease control of targeted weeds. Applications of **OBTAIN EC Herbicide** are rain-fast within 1 hour after application.

**Spot Application:** Spot applications made be made, however, to prevent over-application spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application" above.

#### **Broadcast Application Rates:**

Weed Size	Application Rate (pt/A)	
Susceptible broadleaf weed seedlings less than	0.3*	
4 inches tall or vining		
Susceptible broadleaf weed seedlings less than	0.4	
8 inches tall or vining		
* The 0.3 pt/A rate will generally provide satisfact	ory control of kochia seedlings less than 4 inches	
tall (including ALS resistant biotypes). However	, when conditions for control are less favorable,	
such as drought or cool temperat ures, the 0.4 pt/A rate will prov ide more consistent control of		
kochia seedlings 1 to 4 inch es tall. Control of sm all kochia with reduced rates will be more		
consistent if kochia is at least 1 inch tall. The 0.4 pt/A rate should be used for optimal control of		
dicamba tolerant kochia populations.	•	

#### **Restrictions:**

- Do not apply more than 0.7 pt/A per growing season.
- Grazing Restrictions: There are no grazing restrictions for lactating or non-lactating dairy animals.
- Harvest Restrictions: Do not harvest grass for hay or silage from treated areas within 7 days of application.
- Slaughter Restrictions: Meat animals must be withdrawn from treated forage at least 2 days before slaughter.

### APPLICATION TO ON-FARM NON-CROPLAND

Apply as a single broadcast treatment or spot treatment to control susceptible broadleaf weeds in on-farm areas such as fencerows, building perimeters, around irrigation equipment and on-farm private roadways. Apply at a rate of 0.4-0.7 pt/A when weeds are actively growing, but before weeds are 8 inches tall or vining. Spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application".

#### APPLICATION TO CONSERVATION RESERVE PROGRAM (CRP) ACRES

#### Do not use on CRP acres that are underseeded with desirable legumes, clovers, or other sensitive broadleaf plants.

**OBTAIN EC Herbicide** may be applied to CRP acres. For best results, apply as a single broadcast post emergence treatment using ground equipment or by air to control su sceptible broadleaf weeds. Apply at a rate of 0.4- 0.7 pt/A when weeds are small and actively growing, but before weeds are 8 inches tall or vining. Spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application" above.

Restriction: Grazing or having of treated CRP acres is prohibited.

# **APPLICATION TO POME FRUITS**

**OBTAIN EC Herbicide** may be applied to pome fr uits, including, but not limited to: apple, crabap ple, loquat, mayhaw, oriental pear, pear and quince. Apply uniformly with ground equipment in a minimum of 10 gallons of water per acre. Apply during calm periods and when air temperatures are between 50° and 80° F. Avoid conta ct with foliage. If **OBTAIN EC Herbicide** accidentally contacts the tree foliage, the leaves and affected section of the tree may show symptoms or die but the remainder of the tree will not be affected.

**Tank Mixtures: OBTAIN EC Herbicide** may be tank mixed with other herbicides labeled for use on pome fruit. Follow the directions for use of the labeling for any tank mix partner used in tank mixture with this product.

# APPLICATION TO MILLET GROWN FOR GRAIN, FORAGE OR HAY

Apply **OBTAIN EC Herbicide** as a broadcast postemergence treatment using ground equipment or by air. A second application may be made a minimum of 14 days after the first. **OBTAIN EC Herbicide** may be applied in a tank mix combination with labeled rates of other registered herbicides. Read and follow all label directions, including applicable use directions, precautions and limitations on each product label. When tank mixing, the most re strictive limitations on each label must apply

**Application Timing:** Apply to millet in the spring when weeds are actively growing, but before weeds are 8 inches tall. Only weeds emerged at the time of application will be controlled. New plantings of millet may be treated from the 2true leaf stage of growth prior to the early boot stage. Do not apply during boot, flowering, or seed development stage of growth if millet is to be harvested for seed. Extreme gro wing conditions such as drought or near free zing temperatures prior to, at, an d following the time of application may re duce weed control and increase risk of crop injury at all stages of growth. Foliage that is wet at the time of application may decrease control of targeted weeds. Applications of **OBTAIN EC Herbicide** are rain-fast within 1 hour after application.

**Spot Application:** Spot applications may be made, however, to prevent over-application spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "Spot Application".

#### **Broadcast Application Rates:**

Weed Size	Application Rate (pt/A)
Susceptible broadleaf weed seedlings less than 4 inches tall or vining	0.3*
Susceptible broadleaf weed seedlings less than 8 inches tall or vining	0.4
tall (including ALS resistant biotypes). However such as drought or cool temperat ures, the 0.4 p kochia seedlings 1 to 4 inch es tall. Control of	ot/A rate will prov ide more consistent control of

#### **Restrictions:**

- Do not apply more than 0.7 pt/A or make more than 2 applications per growing season.
- **Grazing Restrictions:** There are no grazing restrictions for lactating or non-lactating dairy animals.
- **Preharvest Interval:** Do not harvest millet for hay from treated areas within 14 days of application or millet grain and straw within 40 days of application.
- Slaughter Restrictions: Meat animals must be withdrawn from treated forage at least 2 days before slaughter.

#### **APPLICATION TO ONIONS**

Apply **OBTAIN EC Herbicide** as a broadcast postemergence treatment for control of kochia, volunteer potatoes and other susceptible broadleaf weeds in onions using ground equipment or by air.

**Rate and Application Timing:** Apply 0.35 pt/A to kochia, volunteer potatoes and other susceptible broadleaf weeds that are from 4 to 8 inches tall for optimum control. Foliage that is wet at the time of application may decrease control of targeted weeds. Applications of **OBTAIN EC Herbicide** are rain-fast within 1 hour after application.

Broadcast (over-the-top) application may be made to onions from the 2 true leaf stage through the 6 leaf stage. Applications to onions beyond the 6 leaf stage should be made as a directed spray using drop nozzles (see crop warning below). Do not apply as a broadcast over-the-top after the 6 leaf stage of growth. Tank mix combinations with other herbicides registered for use in oni ons may result in unacceptable crop injury. Adjuvants are not recommended with **OBTAIN EC Herbicide** applications in onions.

**Sequential Applications:** To control heavy populations or successive flushes of ko chia, volunteer p otatoes or other susceptible broadleaf weeds, two postemergence applications can be made on a 10 to 14 day re-treatment interval. Do not make more than two applications per season.

**Crop Injury Warning:** Crop injury such as but not limited to leaf twisting may occur with some onion cultivars when **OBTAIN EC Herbicide** is applied as a broadcast treatment, especially when applications are made to larger onions. Do not u se **OBTAIN EC Herbicide** if risk of injury is unacceptable.

Specific Use Restrictions:

- Do not allow livestock to graze treated areas or harvest treated forage within 7 days of application.
- Preharvest Interval: Do not apply within 42 days of onion harvest.
- Do not make more than 2 applications per season.
- Plant-Back Restriction: Plant only labeled crops within 120 days of application.
- Chemigation: Do not apply through any type of irrigation system.
- Do not apply OBTAIN EC Herbicide when furrow irrigation is running. Treated fields should be managed to avoid water runoff for at least 6 hours after application.

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#### **Non-Cropland and Pine Plantations**

(Includes industrial sites, non-irrigation ditch banks, and rights of way such as electrical power lines, communication lines, pipelines, roadsides and railroads including grazed areas within these sites.)

# NON-CROPLAND WEEDS CONTROLLED OR SUPPRESSED WITH OBTAIN EC Herbicide

Weeds Controlled			Weeds Suppressed	
0.4–0.7 pt/ A	0.7 pt/ A	1.4 pt/ A	1.4 pt/ A	
Catchweed bedstraw (Cleavers)	Chickweed, common	Blackberry	Bindweed, field	
Hairy buttercup	Cocklebur, common	Catsear	Buckhorn plantain	
Hemp dogbane	Coffeeweed	Goldenrod	Buckwheat, wild	
Kochia (1), (2), (3)	Clover, white	Henbane	Carolina geranium	
Marshelder (2)	Curly dock	Hop clover	Common mullein	
Purslane, common	Cutleaf primrose	Horsenettle	Cudweed	
Sericea lespedeza (2)	Dandelion	Ironweed	Field horsetail	
Tropic croton	Dogfennel	Lantana	Knotweed	
	Grape species	Musk thistle	Leafy spurge	
	Horseweed (marestail)	Ragweed, giant	Mallow, common	
	Mallow, Venice	Spotted knapweed	Mustard, species	
<u></u>	Morning glory	Wild carrot	Narrowleaf plantain	
	Prickly lettuce		Nightshade, species	
	Puncturevine		Pennycress, field	
	Ragweed, common		Spiny amaranth	
· · · · · · · · · · · · · · · · · · ·	Ragweed, western		Yellow thistle	
	Stinging nettle		· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·	Sunflower, common			
	Velvetleaf			
	Vetch White cockle			

- 1. Includes herbicide tolerant or resistant biotypes.
- 2. Use the higher rate in the range to control these weeds.
- 3. For control of larger kochia at more advanced stages of growth, increase the rate per acre of **OBTAIN EC Herbicide** to 0.8-1.1 pt/A or tank mix with 1-2 qt/A of 2,4-D and 1-2 qt/A of methylated seed oil.

Use Restrictions:

- Do not apply more than 1.4 pt/A (0.5 lb. ai/A) per year.
- Do not make more than one treatment per crop per year.
- Preharvest Interval: Do not apply within 14 days of harvest.
- Do not apply OBTAIN EC Herbicide to trees less than 4 years old.
- Do not apply OBTAIN EC Herbicide during bloom.

#### **Precautions for use in Pine Plantations**

Do not apply **OBTAIN EC Herbicide** to pine plantations as an over-the-top broadcast treatment during active terminal growth (from initiation of bud break/growth flush until seasonal terminal growth has hardened off and over wintering buds have formed). Directed spray applications may be made to pine plantations during period of active growth, but care should be taken to avoid spray contact with actively growing foliage.

Do not apply **OBTAIN EC Herbicide** in tank mix combination to pine plantations unless the tank mix product is labeled for weed or brush control in pines by the application method being employed.

Apply at broadcast rate of 6 to 22 fl oz/A when weeds are small and/or actively growing. Split application of **OBTAIN EC Herbicide** may be made during a single year, provided the total amount of **OBTAIN EC Herbicide** applied does not exceed the maximum label rate of 22 fl oz/A. See listing of weeds controlled or suppressed at end of general information section. Spot treatments should be applied at rates and spray volumes equivalent to broadcast application. See instructions for "spot application".

Brush Control: **OBTAIN EC Herbicide** may be tank mixed with Triclopyr 4, Triclopyr 3A, Glyphosate 4+, Glyphosate 5.4, Picloram 22K or Picloram+ 2,4-D at indicated rates to increase control of pine species, shingle oak, red maple, red oak, and other woody species.

### **GROUND APPLICATION**

Apply in a spray volume of greater than 8 gallons/acre (or greater than 80 liters/hectare) at 30 to 50 psi to ensure proper weed coverage. Flat fan nozzles of 80 or 110 degrees are recommended for optimum coverage. Nozzles may be oriented 45 degrees forward to enhance crop penetration and to give better weed coverage. Use screens that are 50-mesh or larger. Do not use controlled droplet application equipment, hollow cone-type insecticide or other nozzles that produce a fine-droplet spray pattern. A drift control or spray thickening agent may be used with this product to improve spray deposition and minimize the potential for spray drift. If used, follow all the use directions and precautions on the product label.

#### AERIAL APPLICATION

Apply in water using a minimum spray volume of 3 gallons/acre (or 30 liters/hectare). For best results, use a minimum of 5 gallons/acre (or 50 liters/h ectare) under dry conditions or heavy weed infestations. Use nozzles that provide 200 to 350 micron size droplets for best results and to insure uniform spray coverage. Aerial applications with **OBTAIN EC Herbicide** should be made with low drift nozzles at a maximum height of 10 feet above the crop and at a maximum pressure of 30 psi. Do not apply aerially when wind speed is greater than 10 mph. Do not allow spray to drift onto adjacent crops, as injury or loss may occur.

Non-Cropland Areas, including Rights of Way (Helicopter Only): In non-cropland, do not apply this product with fixed wing aircraft.

Pine Plantations: Both fixed wing and helicopter equipment may be used to apply this product on pine plantations, but fixed wing aircraft require additional drift mitigation measures.

To minimize spray drift apply **OBTAIN EC Herbicide** in a total spray volume or 3 or more gallons per acre using spray. Drift potential is lowest between wind speeds of 2 to 10 MPH. Howe ver many factors including droplet size and equipment determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high potential for temperature inversions. Spray drift from aerial applications can be minimized by applying a coarse spray as per USDA – ARS/PAASS or nozzle manufacturer's guidelines or by using straight stream nozzles directed straight back. Do not operate using a spray boom longer than 75% of wing span or 85% of rotor width. For fixed wing aircraft, maximum speed during application is limited to 140 mph and application height above the vegetation canopy should not exceed 10 ft.

See the SPRAY DRIFT MANAGEMENT section of this label for additional information on how to reduce drift during aerial application.

#### **OBTAIN EC Herbicide TANK MIXTURES- All Uses (Except Non-Crop)**

Read and follow all manufacturers' label recommendations for any herbicides, fungicides, and/or insecticides tank mixed with **OBTAIN EC Herbicide**. If those recommendations conflict with this label, do not tank mix that product with **OBTAIN EC Herbicide**. Read and follow all label instructions on timing, precautions, and warnings for any tank mix product. Follow the most restrictive labeling.

#### TANK MIXING PRECAUTIONS:

- Read carefully and follow all applicable use directions, precautions, and limitations on the respective product labels.
- Do not exceed labeled application rates. Do not tank mix with another pesticide product containing the same active
  ingredient as this product unless the label of either tank mix partner specifies the maximum dosages that may be
  used.

- For products packaged in water soluble packaging, do not tank mix with product s containing boron or mix in requipment previously used to apply products containing boron unless the tank and sp ray equipment has been adequately cleaned.
- Always perform a jar test to insure the compatibility of products to be tank mixed.

#### TANK MIX COMPATIBILITY TESTING

Perform a jar test prior to tank mixing to ensure compatibility of **OBTAIN EC Herbicide** and other pesticides, fertilizers or carriers. Use a clear glass quart jar with lid and mix the tank mix ingredients (including water) in their relative proportions. Invert the jar containing the mixture several times and observe the mixture for approximately 30 minutes. If the mixture balls-up, forms flakes, sludge's, gels or forms oily films, layers, or other precipitates, it is n ot compatible and the tank mix combination should not be used.

#### OBTAIN EC HERBICIDE TANK MIXTURES- NON CROP

WEEDS CONTROLLED WITH OBTAIN EC HERBICIDE AND TANK MIX PARTNER			
TANK MIX	APPLICATION RATE WOODY PLANTS CONTROLLED		
<b>OBTAIN EC Herbicide</b> Triclopyr 4 EC	17-22 fl oz 2-3 qt/A	Bay Species Black cherry Dogwood Water Oak Willow Oak	
<b>OBTAIN EC Herbicide</b> Triclopyr 3A	17-22 fl oz 3-4 qt/A	Bay Species Black cherry Dogwood Water Oak Willow Oak	
<b>OBTAIN EC Herbicide</b> Triclopyr 3A Picloram + 2,4-D	17-22 fl oz 4 qt/A 2 qt/A	Pine Species Red Maple Red Oak Shingle Oak Virginia Pine Water Oak	
<b>OBTAIN EC Herbicide</b> Triclopyr 3A Picloram 22K	17-22 fl oz 4 qt/A 2 qt/A	Pine Species Red Maple Red Oak Shingle Oak Virginia Pine Water Oak	
<b>OBTAIN EC Herbicide</b> Glyphosate 4 lb ae	17-22 fl oz 4-6 qt/A	Dogwood Gallberry Pine Species Wax Myrtle	

#### MIXING INSTRUCTIONS

Fill the spray tank with water to 1/4 to 1/2 of the required volume. Start agitation. Add different formulation types in order indicated, allowing time for complete mixing and dispersion after addition of each.

- 1. Add dry flowable or wettable powder tank mix products
- 2. Add aqueous suspensions, flowables or liquids
- 3. Maintain agitation and fill spray tank to 3/4 of the total spray volume and then add OBTAIN EC Herbicide and other emulsifiable concentrates and any solutions.
- 4. Add any required adjuvants
- 5. Finish filling the spray tank

Maintain continuous agitation during mixing, final filling and thoughout application. If spraying and agitation must be stopped before the spray tank is empty, the materials may settle to the bottom. Settled material s must be re-suspended before spraying is resumed. Settled material may be more difficult to re-suspend than when originally mixed. Agitate spray tank every 12 hours to re-suspend any settled materials. Repeat until spraying can resume and the spray tank is empty.

#### SPRAY EQUIPMENT

For specific application equipment, refer to the manufacturer's recommendations for additional information on GPA, pressure, speed, nozzle types and arrangements, nozzle heights above the target canopy, etc.

Be sure to calibrate air or ground equipment properly before application. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern with minimum drift. Use higher spray volumes to obtain better coverage when crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping, to avoid injury to the crop. Do not make applications using equipment and/or spray volumes or during weather conditions that might cause spray to drift onto nontarget sites. For additional information on spray drift refer to the "SPRAY DRIFT MANAGEMENT" section of this label.

#### SPRAYER CLEANUP

The spray equipment must be cleaned before **OBTAIN EC Herbicide** is sprayed. Follow the cleanup procedures specified on the labels of the previously applied products. If no directions are provided, follow the steps outlined in this label.

It is recommended that during periods when multiple loads of **OBTAIN EC Herbicide** are applied, at the end of each day of spraying, the interior of the tank be rinsed with fresh water and then partially filled, and the boom and hoses flushed. This will prevent the buildup of dried pesticide deposits, which can accumulate in the application equipment.

Clean sprayer using the following procedures:

- 1. Drain the tank and thoroughly rinse spray tank, boom and hoses with clean water especially all visible deposits.
- 2. Fill the tank with wate r and add household ammonia to make a 1% v/v solution (1 gal/10 0 gal). Flush the hoses, boom and nozzles with the cleaning solution. Circulate for at least 15 minutes. Flush hoses, boom and nozzles once more and then drain the tank.
- 3. Clean nozzles and screens in a separate container using the 1% v/v solution of ammonia and water.
- 4. Repeat Step 2.
- 5. Rinse tank and flush boom and hoses with clean water.

Do not clean sprayer near desirable vegetation, wells or other water sources:

- 1. Dispose of all rinsate in accordance with pertinent regulations.
- 2. Check tank mix partner label for any additional clean-up procedures.

#### SPRAY DRIFT MANAGEMENT

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

The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.

Nozzles must always point backward, parallel with the air stream and never be pointed downwards more than 45 degrees.

When applying **OBTAIN EC Herbicide** in a tank mix with other he rbicides (e.g. 2,4-D, bromoxynil, dicamba, MCPA, sulfonylurea herbicides) in eastern Washi ngton, observe all applicable Wa shington State Department of Agriculture herbicide rules.

The applicator should be familiar with and take into account the information covered in the SPRAY DRIFT MANAGEMENT section.

#### Information On Droplet Size

The most effective way to reduce drift potential is to apply large droplets. 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).

#### **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 hori zontal will reduce droplet size and increase drift potential.

Nozzle Type – Use a no zzle 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 wingspa n or rotor length may further reduce drift without reducing swath width.

#### **Application Height**

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

#### Swath Adjustment

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase, with increasing drift potential (higher wind, smaller drops, etc.)

#### Wind

Drift potential is lowest between wind speeds of 2 to 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.

#### Temperature and Humidity

When making applications in low relative humidity, set up equipment to p roduce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

#### **Temperature Inversions**

Applications should not occur during a temperature inversion 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 in the morning. Their presence can be indicated by ground fog; however, if fog is not p resent, inversions can also be identified by the movement of smo ke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concen trated cloud (under low wind con ditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

#### **RESISTANCE MANAGEMENT**

Any weed population may contain or develop plants naturally resistant to an herbicidal mode of action. Resistant biotypes may eventually dominate the weed population if herbicides with an identical mode of action are used repeatedly in the same field and weed control may fail. The use of **OBTAIN EC Herbicide** should conform to resistance management strategies established for the use a rea. Consult your agricultural advisor for resistance management strategies and recommended pest management practices for your area.

#### PRECAUTIONS AND RESTRICTIONS

Injury to or loss of adjacent sensitive crops, desirable trees, or vegetation may result from failure to observe the following:

- Do not apply directly to, or otherwise come in contact with susceptible crops or desirable plants including but not limited to: alfalfa, canola, cotton, lettuce, edible beans, grapes, lentils, mustard, peas, potatoes, radishes, soybeans, sugar beets, sunflower, tomatoes or tobacco.
- Do not apply, drain or flush equipment on or near desirable trees or other plants or on areas where their roots may extend, or in locations where the chemical may be washed or moved in to contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of spray to desirable plants.
- Take all necessary precautions to avoid all direct or indirect contact (such as spray drift) with non-target plants or areas.
- Do not contaminate irrigation ditches or water used for domestic purposes.
- Carefully observe all sprayer cleanup instructions both prior to and after using this product, as spray tank residue
  may damage crops other than those listed on this label.
- If replanting is required, plant only those crops listed in this label or federally approved supplemental labeling for OBTAIN EC Herbicide within 120 days following application.
- Do not apply this product through any type of irrigation system.
- Frost before application (3 days) or shortly after (3 days) may reduce weed control and crop tolerace.

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#### **Use Precautions and Restrictions: Non Crop**

- Do not contaminate irrigation ditches or water used for domestic purposes
- Maximum application Rate: 22 oz per acre of OBTAIN EC Herbicide per year
- Grazing restrictions: There are no grazing restrictions for livestock, including lactating or non- lactating dairy animals
- · Harvest Restrictions: Do no harvest grass for hay or silage from treated areas within 7 days of application
- Slaughter restrictions: Meat animals must be withd rawn from treated forage at least 2 days before slaughter
- Chemigation: Do not apply this product through any type of irrigation system
- In Arizona: The state of Arizona has not approved this product for use on plants grown for agriculture/commercial production; such as designated grazing grass
- Management of Kochia Biotypes: Research has suggested that many biotypes of kochia can occur within a single population. While kochia biotypes can vary their susceptibility to OBTAIN EC Herbicide all will be suppressed or controlled at 12 oz per acre provided application timing and growing conditions are optimal. Application of OBTAIN EC Herbicide at rates of less than 6 fl oz per acre can result in a shift to more tolerant biotypes within a population.
- Avoid applications where proximity of susceptible plants or other desirable plants is likely to result in exposure to spray or spray drift.

# STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a dry place above 10°F or warmer and agitate before use to ensure any crystallization that may have occurred re-dissolves. Prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. Dispose of pesticide as directed below. In spill or leak incidents, keep unauthorized people away. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300 or 1-703-527-3887.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL** 

**Rigid, Non-refillable containers small enough to shake (i.e., with capacities equal to or less than 5 gallons).** Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly

after emptying. Offer for recycling, if available.

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 after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

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

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

Non-refillable containers: Do not reuse or refill this container. After emptying product from container, either return container to Arysta LifeScience per instructions from Arysta LifeScience North America service center (1-866-761-9397), or rinse and either recycle or dispose of the container 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 i nches on the side which is opposite of the bottom discharge valve to 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.

**Top Discharge IBC, Drums, Kegs (e.g. Snyder 120 Next Gen, Bonar B120, Drums, and Kegs).** Triple rinsing the container before final disposal is the re sponsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or rinsate collection system. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for r 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

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

# Refillable Containers.

Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

#### **Refilling or Returning Containers**

If refilling or returning container is planned, end users are not authorized to remove tamper evident cables, one way valves or clean container.

#### **Recycle or Disposal of Containers**

End users are authorized to remove tamper evident cable as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. Instructions for container rinsing and either recycling or disposal are 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. Cleaning before refilling is the responsibility of the refiller. 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 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 colle ction system while pressure rinsing. Continue pressure rinsing for 2 minute s or until rinsate becomes clear. Replace the lid and close bottom valve.

**Top Discharge IBC, Drums, Kegs (e.g. Snyder 120 Next Gen, Bonar B120, Drums and Kegs).** Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the ref iller. To triple rinse the containers before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

#### Warranty and Disclaimer Statement

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. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.

Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

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