

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

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EPA Reg. Number:

Date of Issuance:

3/2/22

Term	of	Icena	nce

Unconditional

Name of Pesticide Product:

ACC 553 CS HERBICIDE

Name and Address of Registrant (include ZIP Code):

NOTICE OF PESTICIDE: X Registration

> Reregistration (under FIFRA, as amended)

Bayer CropScience LP 800 N. Lindbergh Blvd. St. Louis, MO 63167

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 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:	Date:
Emily Schmid  Emily Schmid, Product Manager 25  Herbicide Branch, Registration Division (7505P)	3/2/22

- 2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 264-1212."
- 3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

• Basic CSF dated 11/10/2020

If you have any questions, please contact Sarah Meadows by phone at 202-566-2828, or via email at meadows.sarah@epa.gov.

ACETOCHLOR GROUP 15 HERBICIDE
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## ACC 553 CS Herbicide [Insert brand name]

[Insert brand name] is an encapsulated herbicide for weed control in Alfalfa, Field Corn, Popcorn, Production Seed Corn, Silage Corn, Cotton, Peanuts, Forage or Grain Sorghum (Milo), Soybeans, and Sugar Beets.

**ACTIVE INGREDIENT:** 

\*Contains 553 grams/liter or 4.6 pounds/gallon of 2-chloro- N-ethoxymethyl-N-(2-ethyl-6-methylphenyl) acetamide.

EPA Reg. No. 264-XXXX

[DATE]

EPA Est. No. [Insert appropriate EPA establishment number: 524-IA-1; or Other; or blank space]

Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

[Optional text: SHAKE WELL BEFORE USING]

Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.

Keep out of reach of children.

## **CAUTION!**

EPA Est. No. [Insert appropriate EPA establishment number: 524-IA-1; or Other; or blank space]

[Optional label statement, if applicable for front-and-back container label: Please refer to booklet for additional precautionary statements and directions for use.

NET [insert appropriate value] GAL [or other appropriate unit of measure] [Alternative text: NET CONTENTS]

Produced For Bayer CropScience LP 800 N. LINDBERGH BLVD. ST. LOUIS, MISSOURI 63167 USA

## ACCEPTED

3/2/2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2014 1010

264-1212

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- 18.1 [Insert Brand Name] for Preplant, At-Planting, or Preemergence Use in Sugar Beet
- 18.2 [Insert Brand Name] Tank-Mixtures for Preplant, At-Planting, or Preemergence Use in Sugar Beet
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- 18.4 [Insert Brand Name] Tank-Mixtures for Postemergence Use in Sugar Beet

#### 19 19.0 LIMIT OF WARRANTY AND LIABILITY

#### 1.0 INGREDIENTS

ACTIVE INGREDIENT:	
*Acetochlor	51.0%
OTHER INGREDIENTS:	49.0%
	100.0%

\*Contains 553 grams/liter or 4.6 pounds/gallon of 2-chloro- N-ethoxymethyl-N-(2-ethyl-6-methylphenyl) acetamide.

[Optional label text that will be updated at the time of printing, if necessary: This product is protected by U.S. Patent Nos. 5,225,570 and 5,925,595.]

[Optional label text, if applicable: Other Patents Pending.]

[Optional label text, if applicable: No license granted under any non-U.S. patent(s).]

[Option to insert reference to a Monsanto Patent Website: Licensed U.S. Patents for [INSERT BRAND NAME] can be found at the following web page: www.monsantotechnology.com]

#### 2.0 IMPORTANT PHONE NUMBERS

- 1. FOR PRODUCT INFORMATION OR ASSISTANCE IN USING THIS PRODUCT, CALL TOLL-FREE, 1-866-99BAYER (1-866-992-2937)
- 2. IN CASE OF AN EMERGENCY INVOLVING THIS HERBICIDE PRODUCT, OR FOR MEDICAL ASSISTANCE, CALL COLLECT, DAY OR NIGHT,

1-800-334-7577

#### 3.0 PRECAUTIONARY STATEMENTS

#### 3.1 Hazards to Humans and Domestic Animals

Keep out of reach of children.

## CAUTION!

HARMFUL IF ABSORBED THROUGH THE SKIN OR INHALED.

MAY CAUSE ALLERGIC SKIN REACTION. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Avoid breathing vapor or spray mist.

Remove contaminated clothing and wash before reuse.

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

[THE FOLLOWING FIRST AID MAY APPEAR ON ANY PANEL OF THE CONTAINER, BUT UNLESS EPA DECIDES OTHERWISE, IT MUST BE VISIBLE WITHOUT OPENING A LABEL]

FIRST AID: Call a poison control center or doctor for treatment advice				
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>Sensitized persons should avoid further contact and reuse of contaminated clothing.</li> </ul>			
IF INHALED	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> </ul>			

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may also contact 1-800-334-7577, collect day or night, for emergency medical treatment information
- This product is identified as [Insert Brand Name], EPA Registration No. 264-XXXX

## **Personal Protective Equipment (PPE):**

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

Follow 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.

**Engineering Controls**: When handlers use closed systems, or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## **User Safety Recommendations:**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

#### 3.2 Environmental Hazards

**NON-TARGET ORGANISM ADVISORY STATEMENT:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

**SURFACE WATER ADVISORY:** This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several weeks after application. 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 loading of acetochlor from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

**GROUNDWATER ADVISORY:** Acetochlor is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

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 contaminate water when disposing of equipment wash water.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. This product may only be used in accordance with the Directions for Use on this label or in separately published supplemental labeling. Supplemental labeling can be obtained from your Authorized Bayer CropScience LP Retailer or Bayer CropScience LP Company Representative.

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.

Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

## 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**. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, are: coveralls, waterproof gloves, and shoes plus socks.

## 4.0 STORAGE AND DISPOSAL

Do not allow this product to contaminate water, foodstuffs, feed or seed by storage or disposal. **PESTICIDE STORAGE**: Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep container closed to prevent spills and contamination.

**PESTICIDE DISPOSAL:** To avoid wastes, use all material in this container, including rinsate, by application in accordance with label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program. Such programs are often run by state or local governments or by industry. All disposal must be in accordance with applicable federal, state and local regulations and procedures.

#### **CONTAINER HANDLING AND DISPOSAL:**

[Insert appropriate Container Handling and Disposal Statement and Refilling Limitation from the following options:]

[Non-refillable, Rigid Plastic 2.5-gallon Containers of greater than 1-gallon but equal to or less than 5-gallon capacity:

Non-refillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.

Triple rinse or pressure rinse (or equivalent) this container promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4-full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

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 properly rinsed, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or Bayer CropScience LP at 1-866-99BAYER (1-866-992-2937). If recycling is not available, dispose of in accordance with federal, state, and local regulations and procedures, which may include puncturing the properly rinsed container and disposing 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 container. Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.]

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

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to 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 responsibility 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 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. 1

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

[Non-Seed Treatment Products in Non-Refillable Fiber Drums with Liners

Non-refillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then offer for recycling if available or dispose of in a sanitary landfill or by incineration. If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

[Non-Seed Treatment Products in Non-Rigid, Non-refillable Containers

Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities."

[Non-Seed Treatment Products in Refillable Containers]

[Refillable container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows. Refill this container with pesticide only. Do not reuse this container for any other purpose. Contact your Ag retailer or Bayer CropScience for container return, disposal and recycling information.]

[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 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, 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 refiller. 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.

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

End users are authorized to remove tamper evident cables as required to remove the product from the container unless the container is equipped with one way valves and refilling or returning is planned. If this is the case, end users are not authorized to remove tamper evident cables, one way valves or clean container. ]

#### [For All Refillable Containers:

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning this container before refilling is the responsibility of the refiller. Cleaning this container before final disposal is the responsibility of the person disposing of the container.

To clean this container before final disposal, empty the remaining contents from this container into application equipment or a tank mix. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer the container for recycling, if available. To obtain information about recycling refillable containers, contact Bayer CropScience LP at 1-866-99BAYER (1-866-992-2937).]

## [For Transport Vehicles Only:

Emptied container retains vapor and product residue. Observe all precautions stated on this label until the container is cleaned, reconditioned, or destroyed. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, and worn-out threads and closures. Clean thoroughly before reuse for transportation of a material of different composition or before retiring this transport vehicle from service [Lot Number XXXXXXX Plate number XXXXXXXX].]

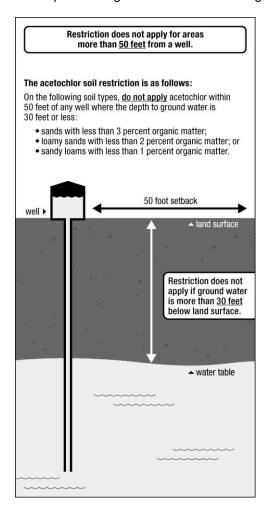
#### 5.0 PRODUCT INFORMATION

[Insert Brand Name] Herbicide is for control of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. This product will not control emerged seedlings. This product is to be applied preplant, at-planting, preemergence, and/or postemergence to the labeled crops and preemergence to the weeds. Read and carefully observe precautionary statements and all other information appearing on the labeling of all products used in mixtures and sequential treatments.

#### **5.1 Use Restrictions**

Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the ground water is shallow, may result in ground water contamination. On the following soil types, do not apply this product within 50 feet of any well where the depth to ground water is 30 feet or less: sands with less than 3 percent organic matter; loamy sands with less than 2 percent organic matter; or sandy loams with less than 1 percent organic matter. See the figure for additional clarification.



This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennial or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 feet of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or washwater, and rainwater that may fall on pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain a minimum of 110 percent of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100 percent of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities

as described above shall be maintained at all times. The above specified minimum containment capacities do not apply to vehicles when delivering pesticide shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

**Maximum Application Rates:** The maximum application or use rates stated throughout this label are given in units of volume (fluid ounces) of this product per acre. However, the maximum allowed application rates, apply to this product combined with the use of any and all other herbicides containing the active ingredient acetochlor, whether applied separately or in a tank mixture, on a basis of total pounds of acetochlor per acre. If more than one acetochlor-containing product is applied to the same site within the same year, do not exceed the allowed maximum total of 3 pounds per acre of acetochlor. See the "INGREDIENTS" section of this label for necessary product information.

Do not flood irrigate to apply or incorporate this product.

Product must be used in a manner which will prevent back siphoning into wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

Make applications of this product promptly after preparing the spray mixture. Avoid use of spray solutions of this product which have been allowed to stand or have been stored in application equipment or the mix tank for an extended period of time as crop injury could result.

Do not make postemergence surface applications using sprayable fluid fertilizer as the carrier because severe crop injury may occur.

Do not apply this product through any type of irrigation system except under conditions specified on this label, or otherwise directed on separately published supplemental labeling for this product in possession of the user at the time of application.

Do not apply this product using center pivot equipment except under the conditions specified in the Center Pivot Application Equipment section of this label, or on separately published center pivot application supplemental labeling for this product in possession of the user at the time of application.

Disposal of excess pesticide, spray mixtures or rinsate must be according to label use instructions or according to the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office.

Do not apply under conditions which favor runoff or wind erosion of soil containing this product to non-target areas. To prevent off-site movement due to runoff or wind erosion:

Avoid treating powdery dry or light sandy soils when conditions are favorable for wind erosion. Under these conditions, the soil surface must first be settled by rainfall or irrigation.

Do not apply to impervious substrates such as paved or highly compacted surfaces or frozen or snow-covered soils.

Do not use tailwater from the first flood or furrow irrigation of treated fields to treat non-target crops unless at least 1/2 inch of rainfall has occurred between application and the first irrigation.

Do not apply this product using aerial application equipment except under the conditions specified, and only in the states listed, in the Aerial Application Equipment section of this label, or only in other states listed in separately published aerial application supplemental labeling for this product, in possession of the user at the time of application.

Do not apply when wind conditions favor drift to non-target sites. To minimize spray drift to non-target areas:

Use low-pressure application equipment capable of producing a large droplet spray. Do not use nozzles that produce a fine droplet spray. Minimize drift by using sufficient spray volume to ensure adequate coverage with large droplet size sprays.

Keep ground driven spray boom as low as possible above the target surface.

Make application when the wind velocity favors on-target product deposition (approximately 3 to 10 miles per hour). Do not apply when wind velocity exceeds 15 miles per hour. Avoid application when gusts approach 15 miles per hour.

Low humidity and high temperatures increase the likelihood of spray drift to sensitive areas. Avoid spraying during conditions of low humidity and/or high temperatures. Do not apply during inversion conditions.

#### 5.2 Use Precautions

Use of this product not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences.

Flush sprayer with clean water after use.

Dry weather may reduce effectiveness of this product. Cultivate if weeds develop.

#### MANDATORY SPRAY DRIFT MANAGEMENT

#### **Aerial Applications:**

- Do not release spray at a height greater than 10 feet above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to select a nozzle and pressure combination that delivers medium or coarser droplets (ASABE S641).
- If the windspeed is 10 miles per hour or less, applicators must use ½ swath displacement upwind at the downwind edge of the field. When the windspeed is between 11-15 miles per hour, applicators must use ¾ swath displacement upwind at the downwind edge of the field.
- Do not apply when wind speeds exceed 15 miles per hour at the application site. If the windspeed is greater than 10 miles per hour, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters
- Do not apply during temperature inversions.

#### **Ground Boom Applications:**

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

## **Spray Drift Advisories:**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE: An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift,

the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size - Ground Boom

- Volume Increasing the spray volume so that larger droplets are produced will reduce spray drift.
   Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

## TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

#### TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or 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. Avoid applications during temperature inversions.

#### WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### 5.3 Replanting and Rotational Crops

## 5.3.1 Replanting After Crop Loss

If a crop treated with this product is lost, the crops listed below may be replanted immediately. Immediate replanting of any of the crops listed **could result in crop injury**.

These crops include:

- field corn, seed corn, silage corn, popcorn
- cotton
- milo (sorghum)
- peanut
- soybean

## **Replanting Restrictions:**

When replanting milo (sorghum) use only seed properly treated with seed protectant or safener.

Do not exceed the annual maximum total of 3.0 pounds per acre of acetochlor active ingredient if additional acetochlor is applied in the replanted crop.

## 5.3.2 Cover Crops

Non-food and non-feed cover crops may be planted **after the harvest** of a crop treated with this product, as a means of soil improvement, erosion control, or weed suppression. However, injury to cover crops may occur, as all possible cover crops have not been evaluated for tolerance to this product.

Cover crops should be tilled or controlled with application of a non-selective herbicide prior to or at the next planting of any crop listed on this product label.

**Restriction:** If the cover crop is maintained, **do not graze or harvest** cover crops for food or animal feed for a minimum of 18 months following **last application** of **[Insert Brand Name]**.

## 5.3.3 Rotational Crops

Observe the following rotational planting intervals after the *last* application of *[insert brand name]*.

- **Nongrass animal feeds** such as clover, kudzu, lespedeza, lupin, sainfoin, trefoil, velvet bean, and Vetch spp. may be planted **9 months after application**.
- Wheat (Triticum spp.) may be planted 4 months after application.

## Rotate the next spring to the following crops:

#### Cereal Grains:

Barley, Buckwheat, Millet (pearl and proso), Oats, Rice, Rye, Teosinte, Triticale, and Wild rice

## <u>Dried</u> shelled pea and bean (except soybean) subgroup:

**Restriction:** Do not rotate to any species or variety of **succulent** bean or pea.

Lupinus spp.: grain lupin, sweet lupin, white lupin, white sweet lupin.

Phaseolus spp.: field bean, kidney bean, lima bean, navy bean, pinto bean, and tepary bean.

*Vigna* spp.: adzuki bean, blackeyed pea, catjang, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea and urd bean.

Broad bean; chickpea; guar; lablab bean; lentil; pea (*Pisum* spp., includes field pea); pigeon pea.

## Other crops:

For any crop listed below that is also a direct crop use approved on labeling for this
product, carefully follow all use instructions on the main label booklet and separately
published supplemental labeling for this product.

Alfalfa

Field corn, seed corn, silage corn, popcorn

Sweet corn

Cotton

Peanut

Potato (Solanum tuberosum) (does not include Sweet Potato)

Milo (sorghum)

Soybean

Sugar beet

Sunflower

Tobacco

## 6.0 WEED RESISTANCE MANAGEMENT

ACETOCHLOR GROU	P 15	HERBICIDE
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For resistance management, [INSERT BRAND NAME] is a Group 15 (Acetochlor) herbicide. Any weed population may contain plants naturally resistant to [INSRT BRAND NAME] and Group 15 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of [INSERT BRAND NAME] or other Group 15 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where
  information on resistance in target weed species is available, use the less resistance-prone
  partner at a rate that will control the target weed(s) equally as well as the more resistance-prone
  partner. Consult your local extension service or certified crop advisor if you are unsure as to which
  active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses
  historical information related to herbicide use and crop rotation, and that considers tillage ( or other
  mechanical control methods), cultural ( e.g., higher crop seeding rates; precision fertilizer
  application method and timing to favor the crop and not the weeds), biological (weed-competitive
  crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method including hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use
  of this product, and switch to another management strategy or herbicide with a different mode of
  action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance contact Bayer CropScience at 1-866-99BAYER (1-866-992-2937).

You can also contact your pesticide distributor or university extension specialist to report resistance.

## 7.0 SOIL TEXTURE

Applicators must evaluate soil conditions carefully to assure that they choose the correct label rate.

The use rates of this product and the other herbicides labeled for use in tank mixtures with this product vary with soil texture. Unless soil texture is specifically named, rate tables throughout this label refer to only three soil textural groups: coarse, medium and fine. The following is a complete listing of soil textures included in each of these three soil textural groups:

SOIL TEXTURAL GROUP	SOIL TEXTURE
COARSE	sand, loamy sand, sandy loam
MEDIUM	loam, silt loam, silt, sandy clay loam
FINE	silty clay loam, clay loam, sandy clay, silty clay, clay

Refer to the above table to determine the corresponding soil textural group for the soil to be treated.

#### 8.0 MIXING, SPRAYING AND HANDLING

**NOTE:** Minimize direct contact or exposure to this product or spray mixtures of this product. The following instructions for transfer, mixing, cleaning or repairing equipment must be followed in order to minimize this exposure. Review the protective clothing requirements as listed in the "PRECAUTIONARY STATEMENTS" section of this label and do not use this product until you have the necessary protective clothing.

#### 2.5 Gallon Containers

Open pouring from these containers can result in exposure from splashing or spilling. Take special care in lifting and pouring.

#### **Bulk Containers**

Do not open pour from bulk containers as it can result in exposure from splashing or spilling. Transfer this product from these containers to the mix or spray tank using pumps or transfer probes. Do not remove or disconnect the probe or pump from the container until the container is emptied and rinsed. Use the pump or probe system to rinse the empty container and transfer the rinsate directly to the mix or spray tank.

## 8.1 Equipment Cleaning & Repair

Cleaning and repair of transfer systems and application equipment is a source of exposure to this product. Take precautions to minimize exposure during cleaning and repair of transfer systems and application equipment. Whenever possible, rinse these systems or equipment before being cleaning or repair.

When repairs must be made during transfer or application, the equipment should be shut down, and special care taken to avoid contact with the pesticide.

## 8.2 Sprayer Compatibility

Always predetermine the compatibility of this product or labeled tank mixtures of this product with water carrier by mixing small proportional quantities in advance.

Mix this product or labeled tank mixture of this product with the appropriate carrier as follows:

- 1. Place a 20- to 35-mesh screen or wetting basket over filling port.
- 2. Through the screen, fill the sprayer tank one-half full with the appropriate carrier.
- 3. If a compatibility agent is necessary to improve mixing or to prevent the formation of undesirable and unsprayable gels or precipitates, while agitating add it to the carrier already in the tank. Use only compatibility agents cleared by FDA for this use. Read and follow all directions for use, cautionary statements and all other information appearing on the selected compatibility agent label. Check for adequate agitation.
- 4. If a wettable powder or dry flowable formulation is used, make a slurry with water and add it slowly through the screen into the tank. Continue agitation.

- 5. If a flowable formulation is used, add slowly through screen into the tank. Mixing and compatibility may be improved when flowable is pre-mixed one part flowable with one part water and added to the tank in diluted form.
- 6. Add this product slowly through the screen into the tank. Mixing and compatibility may be improved when this product is prediluted with two parts of water and added to the tank in diluted form.
- 7. Complete filling the sprayer tank with carrier. If a Roundup® agricultural herbicide is used, add the required amount near the end of the filling process. Remove hose from tank immediately after filling to avoid siphoning back into the carrier source.

Maintain good agitation at all times until the contents of the tank are sprayed.

**NOTE:** If spray mixture is allowed to settle at any time, thorough agitation is required to resuspend the mixture before spraying is resumed. Keep by-pass line on or near bottom of tank to minimize foaming. Screen size in nozzle or line strainers must be 50-mesh. Carefully select proper nozzle to avoid spraying a fine mist. Check for even distribution of spray droplets. To reduce loss of the chemical due to drift of a fine mist, apply at nozzle pressures below 40 psi.

#### 9.0 APPLICATION SYSTEMS

#### 9.1 Ground Broadcast Treatment

Apply this product and the labeled tank mixtures in 10 or more gallons of solution per acre using broadcast boom equipment. Do not apply during periods of gusty winds, when winds are in excess of 15 miles per hour or when other conditions favoring drift exist.

## 9.2 Aerial Application Equipment: Fixed-Wing and Helicopter

Unless otherwise prohibited, all applications of [insert brand name] described on this label or in separately published supplemental labeling for this product may be made using aerial application equipment where appropriate, provided that the applicator complies with the precautions and restrictions specified on this label and on separate supplemental labeling published for this product.

Aerial applications of this product may be made in the following listed states only, or only in other states listed on seperately published aerial application supplemental labeling for this product:

[Select from the following list of states for insertion into the label at the time of final label printing:

Alabama, Arkansas, Colorado, Georgia, Kansas, Kentucky, Louisiana, Mississippi, Missouri, Nebraska, North Carolina, North Dakota, Oklahoma, South Carolina, Tennessee, Texas, and Virginia]

Do not apply [*Insert brand name*] using aerial application equipment except under conditions specified on this label or in separately published aerial application supplemental labeling for this product.

Apply this product at the appropriate rate as directed on this label in 3 to 15 gallons of water per acre unless otherwise directed on this label or in separate supplemental labeling or Fact Sheets published for this product. Unless otherwise specified, do not exceed 42 fluid ounces of this product per acre when using aerial application equipment. Refer to the individual use area sections of this label for application rates, spray volumes and additional use instructions.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

## 9.3 Center Pivot Application Equipment

All treatments described on this label or separately published supplemental labeling for this product may be made using center pivot irrigation equipment where appropriate, provided that the applicator complies with the precautions and restrictions specified on this label and in separate supplemental labeling published for this product.

This product alone or in tank mixture with other herbicides on this label, which are registered for center pivot application, may be applied using center pivot irrigation systems. Do not apply this product through any **other** type of irrigation system.

Ensure that the soil type and depth to ground water comply with the following restriction. On the following soil types, do not apply this product within 50 feet of any well where the depth to ground water is 30 feet or less: sands with less than 3 percent organic matter; loamy sands with less than 2 percent organic matter; or sandy loams with less than 1 percent organic matter.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. Use only in systems that apply uniformly.

If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not chemigate through systems connected to a public water system.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. Do not apply when system connections or fittings leak, when nozzles do not provide uniform distribution or when the line containing the product must be dismantled and drained. The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a systems interlock. Pumps, injection equipment, agitation equipment, hoses and connections between supply tank and the point of injection must be constructed of materials which are resistant to this product.

Meter this product or a labeled tank-mixture of this product into the center pivot irrigation system after planting and before crop emergence. Herbicide application should be made in 1/2 to 3/4 inch of water per acre. Do not apply in more than 3/4 inch of water per acre under any conditions or reduced performance may occur. On very sandy soils (more than 60 percent sand and less than 1 percent organic matter), use a maximum of 1/2 inch water per acre. Good agitation must be maintained during the entire application

period. Flush the system with water when application is complete. Refer to the "MIXING, SPRAYING AND HANDLING" section of the label for mixing procedures.

Do not apply this product in a tank-mixture through center pivot irrigation unless the treatment is specifically recommended on the label of the tank mixture product.

#### 9.4 Cultivation Information

Delay cultivation after application of this product for as long as possible unless weeds or grasses emerge. Shallowly cultivate or rotary hoe immediately if weeds or grasses emerge. If cultivation is necessary because of soil crusting or compaction, set equipment shallow and minimize lateral soil movement to avoid dilution or displacement of the herbicide treatment.

## 10.0 APPLICATION TIMING AND METHODS

## 10.1 Preplant, At-Planting, and Preemergence Surface Application

Where specified, applications of this product may be made prior to planting, at-planting, or prior to emergence of the crops listed on this label or in separately published supplemental labeling. [Insert Brand Name] will not control emerged weeds so it must be applied to a weed-free soil surface or in a tank-mixture with products that provide postemergence control of weeds at the time of application. Read and follow all restrictions and directions on tank-mix product labels. Precipitation or overhead sprinkler irrigation is required after application to move the herbicide into the weed germination zone to control unemerged weeds. The amount of precipitation or irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/2 to 3/4 inch is normally adequate. Do not utilize mechanical incorporation unless specifically recommended on this label or on separately published supplemental labeling for this product. If weeds emerge after treatment, rotary hoe or shallowly cultivate to control weeds.

## 10.2 Postemergence Surface Application

Postemergence surface applications of this product must be made postemergence to the crop but prior to weed seedling emergence or in a tank mixture that controls emerged weeds. [*Insert Brand Name*] will not control emerged weeds so it must be applied to a weed-free soil surface or in a tank-mixture with products that provide postemergence control of weeds at the time of application. Read and follow all restrictions and directions on tank-mix product labels. Precipitation or overhead sprinkler irrigation is required after application to move the herbicide into the weed germination zone to control un-emerged weeds. The amount of precipitation or irrigation required depends on existing soil moisture, soil type and percent organic matter content, but 1/2 to 3/4 inch is normally adequate.

**NOTE:** DO NOT make postemergence surface applications using sprayable fluid fertilizer as the carrier because severe crop injury may occur.

#### 11.0 WEEDS CONTROLLED

When applied as directed under conditions described, this product and tank mixtures of this product will control or reduce competition from the weeds listed.

**NOTE:** C = Control R = Reduced Competition

## 11.1 Annual Grasses

Barnyardgrass	
Echinocloa crus-galli	С
	Ū
Crabgrass Digitaria ischaemum	С
Crowfootgrass	·
Dactyloctenium	С
aegyptium (L.) Willd.	
Cupgrass,	С
prairie Eriochloa contracta Hitchc	
Foxtail:	С
giant Setaria faberi	
green robust purple, robust white	
Setaria viridis	
yellow Setaria lutescens	
Goosegrass	_
Eleusine indica	С
Johnsongrass, seedling	_
Sorghum halepense	R
Millet: foxtail Setaria italica	R
Oat, wild	ь
Avena fatua	R
Avena fatua Panicum:	R C
Avena fatua Panicum: browntop, Panicum fasciculatum	
Avena fatua Panicum:	
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum	
Avena fatua Panicum: browntop, Panicum fasciculatum	
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum Panicum, Texas	С
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa	С
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur	C R
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus	C R
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur	C R C
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus	C R C
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus Shattercane; Wild cane Sorghum bicolor Signalgrass, broadleaf	C R C R
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus Shattercane; Wild cane Sorghum bicolor Signalgrass, broadleaf Brachiaria platyphylla	C R C R
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus Shattercane; Wild cane Sorghum bicolor Signalgrass, broadleaf Brachiaria platyphylla Sprangletop, red	R C R C
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus Shattercane; Wild cane Sorghum bicolor Signalgrass, broadleaf Brachiaria platyphylla Sprangletop, red Leptochloa filiformis	C R C R
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus Shattercane; Wild cane Sorghum bicolor Signalgrass, broadleaf Brachiaria platyphylla Sprangletop, red Leptochloa filiformis Wheat, volunteer	R C R C
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus Shattercane; Wild cane Sorghum bicolor Signalgrass, broadleaf Brachiaria platyphylla Sprangletop, red Leptochloa filiformis Wheat, volunteer Triticum aestivum	R C R C
Avena fatua Panicum: browntop, Panicum fasciculatum fall, Panicum dichotomiflorum  Panicum, Texas Panicum texanum Rice, red Oryza sativa Sandbur; Grassbur Cenchrus incertus Shattercane; Wild cane Sorghum bicolor Signalgrass, broadleaf Brachiaria platyphylla Sprangletop, red Leptochloa filiformis Wheat, volunteer	R C R C

#### 11.2 Annual Broadleaves

Beggarweed, Florida	
Desmodium tortuosum	R
Carpetweed	
Mollugo verticillata	С
Galinsoga	
Galinsoga spp.	С
Groundcherry, cutleaf	
Physalis angulata	R
Henbit	
Lamium amplexicaule	С
Lambsquarters	
Chenopodium album	C
Nightshade,	С
black, Solanum nigrum	
hairy, Solanum sarrachoides	
Pigweed: Carelessweed	
Amaranthus spp.	С
Purslane	
Portulaca oleracea	С
Pusley, Florida	
Richardia scabra	С
Sida, prickly; Teaweed	
Sida spinosa	R
Smartweed	
Polygonum pensylvanicum	R
Starbur, bristly	
Acanthospermum hispidum	R
Waterhemp	
Amaranthus tuberculatus	С

## 12.0 ALFALFA

## 12.1 [Insert Brand Name] for Preplant, At-Planting, or Preemergence Use in Alfalfa

## New Stand Establishment (Seeding Year):

This product may be applied preplant, at the time of planting, or after planting but prior to emergence of newly seeded stands of alfalfa at rates of 26 up to 42 fluid ounces per acre in a single application. Apply this product broadcast to the soil surface based on soil texture and percent organic matter according to the rate table provided below.

## **Restrictions:**

Do not exceed a maximum of 42 fluid ounces (1.5 lbs acetochlor) per acre of this product as a single application.

Do not exceed a total of 3 applications of this product per alfalfa growing season.

Do not exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Do no use this product on alfalfa grown for seed production.

	BROADCAST APPLICATION RATES PER ACRE*					
SOIL	Les	Less than 1.5% Organic 1.5% or More Organic Matter				
TEXTURAL	Matter			(fl oz)		
GROUP	(fl oz)					
Coarse	26	to	33	26	to	35
Medium	26	to	35	26	to	40
Fine	26	to	40	26	to	42

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 12.2 [Insert Brand Name] for Postemergence Use in Alfalfa

## New Stand Establishment (Seeding Year):

**For fall-planted alfalfa**, this product may be applied at 26 to 42 fluid ounces per acre up to or at the 4th-trifoliate stage following emergence of the new stand, or following green-up or re-growth the following spring. Wait a minimum of 20 days after application before cutting for forage or hay, or before open grazing of forage by livestock.

**For spring-planted alfalfa**, this product may be applied at 26 to 42 fluid ounces per acre up to or at the 4th-trifoliate stage following emergence of the new stand. Wait a minimum of 20 days after application before cutting for forage or hay, or before open grazing of forage by livestock.

After either the first or second *cutting* in the seeding year, but no later than 7 days after the **cutting**, a sequential application of this product may be made at 26 to 42 fluid ounces per acre. Wait a minimum of 20 days between application and cutting for forage or hay, or before open grazing of forage by livestock.

#### Restrictions:

Do not exceed a maximum of 42 fluid ounces (1.5 lbs acetochlor) per acre of this product in any single application.

Do not exceed a total of 3 applications of this product per alfalfa growing season.

Do not exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Remove domestic livestock from alfalfa stands before making applications of this product.

Do no use this product on alfalfa grown for seed production.

Do not replant alfalfa into an alfalfa stand where [insert brand name] has been previously applied, as crop injury may result.

Do not replant alfalfa after [insert brand name] has been applied and the alfalfa stand fails due to adverse weather or any other reasons.

### **Precautions:**

Application of this product followed by conditions that do not foster adequate stand growth or which cause stress (cold, wet soils), waterlogged conditions, excessive irrigation or rainfall, may result in crop injury.

## [Optional label statements:

Application of this product followed by conditions that result in loss of the alfalfa stand may result in significant crop injury when alfalfa is subsequently replanted into the treated area.

The user is responsible to ensure that the alfalfa stand is at a desirable level before using [insert brand name].

See the "Replanting and Rotational Crops" section of the main label booklet for this product for a list of crops that may be replanted immediately.]

## Established Alfalfa Stands (Non-Seeding Year):

This product may be applied postemergence (in-crop) after spring green-up in established stands of all varieties of alfalfa.

This product may be applied broadcast over top of the alfalfa stand according to the rate table listed below. Applications of this product may be made between cuttings, and no later than 7 days after a cutting, at a rate of 26 to 42 fluid ounces per acre. Removed any previously cut forage or hay from the field before making an application.

Allow a minimum of 20 days between an application and subsequent cutting for forage or hay, or before open grazing of forage by livestock.

#### **Restrictions:**

Do not exceed a maximum of 42 fluid ounces (1.5 lbs acetochlor) per acre of this product as a single application.

Do not exceed a total of 3 applications of this product per alfalfa growing season.

Do not exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Do not replant alfalfa after [insert brand name] has been applied and the alfalfa stand fails due to adverse weather or any other reasons. See the "Replanting and Rotational Crops" section of the main label booklet for this product for a list of crops that may be replanted immediately.

### **Precautions:**

[Optional label statements: Application of this product followed by conditions that result in loss of the alfalfa stand may result in significant crop injury when alfalfa is subsequently replanted into the treated area. The user should take care to ensure that stand is at a desirable level before using [insert brand name].

	BROADCAST APPLICATION RATES PER ACRE*					
SOIL	Less than 1.5% Organic 1.5% or More Organic Matter					
TEXTURAL	Matter (fl oz)					oz)
GROUP		(fl c	oz)	,		
Coarse	26	to	33	26	to	35
Medium	26	26 to 35 26 to 40				
Fine	26	to	40	26	to	42

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 12.3 Tank Mixtures for Postemergence Use in Alfalfa

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific postemergence application timing in alfalfa. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied postemergence to alfalfa (all types) in a tank-mixture with one or more of the active ingredients listed below.

[Insert the active ingredient name(s) or brand name of product(s) containing the following active ingredient(s) that, at the time of label printing, are registered for use postemergence in alfalfa:

2,4-DB, clethodim, imazamox, imazethapyr]

[Insert Brand Name] may be applied postemergence to alfalfa in a tank-mixture with the active ingredient listed below, or one of the products listed when used on Roundup Ready Alfalfa.

[Insert the active ingredient name(s) or brand name of product(s) containing the following active ingredient(s) that, at the time of label printing, are registered for use postemergence in alfalfa:

glyphosate, Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), RT 3® (EPA Reg. No. 524-544, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

Application of [Insert Brand Name] in tank mixture with products not recommended on this label or to soils where other applications of soil applied herbicides have been made may increase the potential for injury with this product.

- 13.0 FIELD CORN, POPCORN, PRODUCTION SEED CORN, AND SILAGE CORN
- 13.1 [Insert Brand Name] for Preplant, At-Planting, or Preemergence Use in Field Corn, Popcorn, Production Seed Corn and Silage Corn

Applications of this product may be made preplant, at-planting, or preemergence in corn in the following listed states only, or only in other states listed on seperately published supplemental labeling for this product:

[Select from the following list of states for insertion into the label at the time of label printing:

Alabama, Arkansas, Georgia, Hawaii, Louisiana, Mississippi, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia/

When applied preplant, at-planting, or preemergence in corn, this product will provide preemergence control or reduced competition of the annual weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at the time of application, apply a labeled postemergence herbicide to control emerged weeds. Use of a residual herbicide for the control of weeds not listed on this label is recommended. Applications may be made in a tank mixture with the products listed below. Observe all directions for use, precautions, and restrictions on the labeling of the tank mixed postemergence herbicide or residual herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. Allowed in selected states only - see Aerial Application

Equipment Section [insert section number] of this label for additional information.

#### **Approved Application Methods**

## **Preplant, At-planting or Preemergence Surface**

[Insert Brand Name] may be applied preplant, at-planting or preemergence to corn at 30 to 63 fluid ounces per acre according to the rate table below. Apply broadcast to the soil surface according to the rate table listed below. Mechanical incorporation is not recommended. This product applied alone will not control emerged weeds.

Application of this product, followed by conditions that do not favor adequate crop growth, or which cause stress (cold, wet soils), or under waterlogged conditions from excessive irrigation or rainfall, may result in crop response. Do not apply if these conditions are forecast within 10 days of application. Application of this product with other residual herbicides may increase the potential for crop injury.

Application Rates (minimum and maximum range)

				<i>J</i> - /				
		BROADCAST RATE PER ACRE*						
SOIL TEXTURAL GROUP	L	Less than 3% Organic Matter (fl oz)			3% or More Organic Matter (fl oz)			
Coarse	30	to	42	42				
Medium	30	to	57	42	to	57		
Fine	30	to	57	57	to	63		

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 13.2 [Insert Brand Name] Tank Mixtures for Preplant, At-Planting, or Preemergence Use in Field Corn, Popcorn, Production Seed Corn and Silage Corn

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific preplant or preemergence application timing in corn. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied preplant, at-planting or preemergence to corn (all types, except sweet corn) in a tank-mixture with one or more of the active ingredients listed below, or one or more of the products listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use preplant or preemergence in field corn:

2,4-D, atrazine, carfentrazone-ethyl, dicamba, diflufenzopyr, flumiclorac pentyl ester, glyphosate, isoxaflutole, linuron, mesotrione, paraguat, pendimethalin, simazine, thiencarbazone-methyl,

Balance® Flexx (EPA Reg. No. 264-1067, isoxaflutole), Corvus® (EPA Reg. No. 264-1066, isoxaflutole, thiencarbazone-methyl), DiFlexx™ (EPA Reg. No 264-1173, dicamba), Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), RT 3® (EPA Reg. No. 524-544, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

## 13.3 [Insert Brand Name] for Postemergence Use in Field Corn, Popcorn, Production Seed Corn and Silage Corn

This product, when applied postemergence in corn, as one or two applications, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at time of application, apply a labeled postemergence herbicide with this product to control the emerged weeds. Observe the directions for use, precautions and restrictions on the label of the postemergence herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. <u>Allowed in selected states only</u> - see Aerial Application Equipment Section [insert section number] of this label for additional information.

## **Approved Application Methods**

## **Postemergence Surface**

Apply this product prior to weed emergence in emerged corn. The product may be applied from seedling emergence until the corn reaches 30 inches in height. Directed spray may be used to minimize interference of spray by crop and to increase soil coverage. Drop nozzles will provide optimum spray coverage and weed control when corn height is 24 to 30 inches. Use rates are defined in the table below. Use the higher rate on larger weeds and where heavy weed infestations exist. Weeds emerged at the time of application are not controlled by this product. If weeds are emerged at application, apply a labeled postemergence herbicide with this product to control the emerged weeds, or shallowly cultivate or rotary hoe to improve performance. See section [insert section number] of this label for recommended tank mix products for postemergence applications in field corn.

Apply [Insert Brand Name] broadcast over-the-top or directed to the soil surface, according to the rate table listed below. An application before weeds emerge, or after clean cultivation is necessary as this product will not control emerged weeds.

#### Restrictions:

DO NOT apply [Insert brand name] herbicide on sweet corn.

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

DO NOT make postemergence surface applications using sprayable fluid fertilizer as the carrier because severe crop injury may occur.

DO NOT graze treated area or feed treated forage to livestock for 40 days following application of this product.

Application Rates (minimum and maximum range)

		BROADCAST RATE PER ACRE*						
SOIL TEXTURAL GROUP	Less than 3% Organic Matter (fl oz)			3% or More Organic Matter (fl oz)				
Coarse	30	to	42	42				
Medium	30	30 to 57			to	57		
Fine	30	to	57	57	to	63		

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 13.4 [Insert Brand Name] Tank-Mixtures for Postemergence Use in Field Corn, Popcorn, Production Seed Corn and Silage Corn

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific postemergence application timing in corn. Read and follow all applicable restrictions and limitations and directions for use on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied postemergence to corn (all types, except sweet corn) in a tank-mixture with one or more of the active ingredients listed below, or one or more of the products listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below that, at the time of printing, are registered for use post-emergence to field corn:

2,4-D, atrazine, carfentrazone-ethyl, clopyralid, dicamba, diflufenzopyr, flumetsulam, flumiclorac pentyl ester, isoxaflutole, mesotrione, tembotrione, thiencarbazone-methyl, topramezone,

Balance® Flexx (EPA Reg. No. 264-1067, isoxaflutole), Capreno® (EPA Reg. No. 264-1063, tembotrione, thiencarbazone-methyl), Corvus® (EPA Reg. No. 264-1066, isoxaflutole, thiencarbazone-methyl), DiFlexx™ (EPA Reg. No. 264-1173, dicamba), DiFlexx® DUO (EPA Reg. No. 264-1184, dicamba, tembotrione), Laudis® (EPA Reg. No. 264-860, tembotrione)]

[Insert Brand Name] may be applied postemergence to corn in a tank-mixture with the active ingredient listed below, or one of the products listed when used on field corn hybrids with Roundup Ready 2 Technology.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below that, at the time of printing, are registered for use post-emergence to field corn:

glyphosate, Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

#### **14.0 COTTON**

## 14.1 [Insert Brand Name] for Preplant, At-Planting, or Preemergence Use in Cotton

When applied preplant, at-planting, or preemergence to cotton, as one or two applications, this product will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at time of application apply a labeled postemergence herbicide with this product to control the emerged weeds. Use of a residual herbicide for the control of weeds not listed on this label is recommended. Applications may be made in a tank mixture with the products listed below. Observe the directions for use, precautions and restrictions on the label of the tank mixture herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. <u>Allowed in selected states only</u> - see Aerial Application Equipment section [insert section number] of this label for additional information.

#### **Approved Application Methods**

## **Preplant, At-planting or Preemergence Surface**

[Insert Brand Name] may be applied preplant, at-planting or preemergence to **cotton** at 26 to 42 fluid ounces per acre according to the rate table below. The optimum rate of application is 30 fluid ounces per acre. Apply broadcast to the soil surface according to the rate table listed below. Mechanical incorporation is not recommended. This product will not control emerged weeds.

Application of this product with other postemergence or soil applied herbicides may increase the potential for crop injury.

Application of this product followed by conditions that do not favor adequate crop growth or which cause stress (cold, wet soils), or under waterlogged conditions from excessive irrigation or rainfall, may result in crop injury.

#### **Restrictions:**

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Application Rates (minimum and maximum range)

				- /			
		BROADCAST RATE PER ACRE*					
SOIL TEXTURAL GROUP	Less	s than 1.5 Matte (fl oz		1.5% o		Organic Matter oz)	
Coarse	26	to	33	26	to	35	
Medium	26	to	35	26	to	40	
Fine	26	to	40	26	to	42	

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 14.2 [Insert Brand Name] Tank Mixtures for Preplant, At-Planting, or Preemergence Use in Cotton

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific pre-plant or preemergence application timing in cotton. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied preplant, at-planting, or preemergence to cotton (all types) in a tank-mixture with one or more of the active ingredients listed below, or one of the products listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of printing, are registered for use preplant or preemergence in cotton:

diuron, fluometuron, flumioxazin, fomesafen, glyphosate, paraquat, pendimethalin, prometryn, pyrithiobac-sodium,

Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No.524-537, glyphosate), RT 3® (EPA Reg. No. 524-544, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

## 14.3 [Insert Brand Name] for Postemergence Use in Cotton

When applied postemergence to cotton, as one or two applications, this product will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at time of application apply a labeled postemergence herbicide with this product to control the emerged weeds. Use of a residual herbicide for the control of weeds not listed on this label is recommended. See sections [insert section number] and [insert section number] of this label for recommended tank mix products for postemergence applications in cotton. Observe the directions for use, precautions and restrictions on the label of the postemergence herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. Allowed in selected states only - see Aerial Application

**Equipment section** [insert section number] of this label for additional information.

## **Approved Application Methods**

## **Postemergence Surface**

Apply this product postemergence to cotton and prior to weed emergence. The application should be made after cotton is completely emerged but before cotton reaches first bloom. Apply this product when crop is small or direct spray to the soil surface to minimize interference of spray by crop. The optimum timing and rate of application is when cotton is in 2 to 3 leaf stage or prior to weed emergence at 30 fluid ounces per acre. Directed applications may be used to increase soil coverage and canopy penetration after cotton reaches 5 to 6 leaf stage. Use rates are defined in the table below. Use the higher rate where heavy weed infestations exist. Weeds emerged at the time of application are not controlled by this product. If weeds are emerged at application, apply a labeled postemergence herbicide with this product to control the emerged weeds or shallowly cultivate or rotary hoe to improve performance. See sections [insert section number] and [insert section number] of this label for recommended tank mix products for postemergence over-the-top and post-direct applications in cotton.

Apply this product broadcast over-the-top or directed to the soil surface, according to the rate table listed below. Application before weeds emerge, or after clean cultivation is necessary as this product will not control emerged weeds.

In sprinkler-irrigated areas, sprinkler irrigate after application with 1/2-3/4 inch of water ( $\frac{1}{2}$  inch on coarse-textured soils to 3/4 inch on fine-textured soils) to incorporate product. In furrow-irrigated areas, apply product, incorporate with a rolling cultivator or similar implement that provides uniform shallow incorporation (2 inches or less), and then irrigate. In non-irrigated areas, if at least  $\frac{1}{2}$  inch of rainfall does not occur within 10 days after application, cultivate with a rolling cultivator or similar implement that provides shallow incorporation of the product.

#### **Restrictions:**

DO NOT make postemergence surface applications using sprayable fluid fertilizer as the carrier because severe crop injury may occur.

DO NOT graze treated area or feed treated cotton forage to livestock following application of this product.

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Application Rates (minimum and maximum range)

		BROADCAST RATE PER ACRE*						
SOIL TEXTURAL GROUP	Less	s than 1.5 Matte (fl oz	1.5% or More Organic Matter (fl oz)					
Coarse	26	to	33	26	to	35		
Medium	26	to	35	26	to	40		
Fine	26	to	40	26	to	42		

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 14.4 [Insert Brand Name] Tank-Mixtures for Over-the Top Postemergence Use in Cotton

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific over-the-top postemergence application timing in cotton. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied over-the-top postemergence to cotton (all types) in a tank-mixture with one or more of the active ingredients listed below.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence to cotton:

clethodim, fluazifop-P-butyl, pyrithiobac sodium, quizalofop-P-ethyl trifloxysulfuron-sodium]

Optional text: [Insert Brand Name] may be applied over-the-top postemergence to cotton in a tank-mixture with one or more of the active ingredients listed below, or one or more of the products listed when used on cotton with XtendFlex® technology

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence to cotton:

glufosinate-ammonium, glyphosate

Liberty® 280 SL Herbicide (EPA Reg. No. 7969-448, glufosinate), Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)

## 14.5 [Insert Brand Name] Tank-Mixtures for Post-Directed Use in Cotton

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific post-directed application timing in cotton. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied post-directed to cotton (all types) in a tank-mixture with one or more of the active ingredients listed below, or one of the products listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use post-directed to cotton:

carfentrazone-ethyl, diuron, flumioxazin, glufosinate-ammonium, glyphosate, MSMA, prometryn, pyrithiobac sodium, trifloxysulfuron-sodium

Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

#### **15.0 PEANUT**

#### 15.1 [Insert Brand Name] for Preplant, At-Planting, or Preemergence Use in Peanut

This product, when applied preplant, at-planting, or preemergence in peanut will provide preemergence control or reduced competition of the annual weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at the time of application, apply a labeled postemergence herbicide with this

product to control the emerged weeds. Observe the directions for use, precautions, and restrictions on the label of the postemergence herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. Allowed in selected states only - see Aerial Application

Equipment section [insert section number] of this label for additional information.

## **Approved Application Methods**

## Preplant, At-planting, or Preemergence Surface

This product may be applied preplant, at-planting, or preemergence to peanut at 26 to 42 fluid ounces per acre. Apply broadcast to the soil surface according to the rate table listed below.

Application of [Insert Brand Name] followed by conditions that do not foster adequate crop growth, or cause stress (cold, wet soils), waterlogged conditions, excessive irrigation or rainfall, may result in crop injury.

Application made before weeds emerge, or after clean cultivation, is necessary, as this product will not control emerged weeds.

## **Restrictions:**

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Do not exceed a total of 3 applications per year.

Allow a minimum of 90 days between last application and grazing or feeding of peanut hay to livestock.

**Application Rates (minimum and maximum range)** 

	BROADCAST RATE PER ACRE*						
SOIL TEXTURAL GROUP	Less	than 1.5% Matte (fl oz)	=	1.5% or M	ore Or (fl oz	ganic Matter :)	
Coarse	26	to	33	26	to	35	
Medium	26	to	35	26	to	40	
Fine	26	to	40	26	to	42	

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 15.2 [Insert Brand Name] Tank Mixtures for Preplant, At-Planting, or Preemergence Use in Peanut

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific preplant or preemergence application timing in peanut. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied preplant, at-planting, or preemergence to peanut in a tank-mixture with one or more of the active ingredients listed below, or one of the products listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use preplant or preemergence in peanut:

diclosulam, ethalfluralin, flumioxazin, glyphosate, paraquat, pendimethalin, trifluralin

Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), RT 3® (EPA Reg. No. 524-544, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

Preplant *soil incorporated* applications together with Prowl® H2O (EPA Reg. No. 241-418, *pendimethalin*), Sonalan® HFP (EPA Reg. No. 10163-356, *ethalfluralin*), Strongarm® (EPA Reg. No. 62719-288, *diclosulam*) or Treflan® 4EC (EPA Reg. No. 5905-532, *trifluralin*) are not recommended due to risk of crop injury and reduced weed control.

Application of [Insert Brand Name] in a tank mixture with other products, or to soils where other applications of soil applied herbicides have been made, may increase the potential for injury with this product.

## 15.3 [Insert Brand Name] for Postemergence Use in Peanut

This product, when applied postemergence in peanut will provide preemergence control or reduced competition of the annual weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at the time of application, apply a labeled postemergence herbicide with this product to control the emerged weeds. Observe the directions for use, precautions, and restrictions on the label of the postemergence herbicide.

#### **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. <u>Allowed in selected states only</u> - see Aerial Application Equipment section [insert section number] of this label for additional information.

#### **Approved Application Methods**

## **Postemergence Surface**

[Insert Brand Name] may be applied postemergence to peanut at 26 to 42 fluid ounces per acre after crop emergence up through the R1 growth stage (beginning bloom). R1 ends as 50% of the plants in an area have a visible peg (R2). Apply broadcast over the top of the crop or directed to the soil surface according to the rate table listed below. Do not exceed 42 fluid ounces per acre as a single application. Allow at least 7 days between sequential applications.

Application of [Insert Brand Name] followed by conditions that do not foster adequate crop growth, or cause stress (cold, wet soils), waterlogged conditions, excessive irrigation or rainfall, may result in crop injury.

Application made before weeds emerge, or after clean cultivation, is necessary, as this product will not control emerged weeds.

#### Restrictions:

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Do not exceed a total of 3 applications per year.

Allow a minimum of 90 days between last application and grazing or feeding of peanut hay to livestock.

Application Rates (minimum and maximum range)

		BROADCAST RATE PER ACRE*							
SOIL TEXTURAL GROUP	Less	than 1.5% Matte (fl oz)		1.5% or M	ore Or (fl oz	ganic Matter )			
Coarse	26	to	33	26	to	35			
Medium	26	to	35	26	to	40			
Fine	26	to	40	26	to	42			

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 15.4 [Insert Brand Name] Tank-Mixtures for Postemergence Use in Peanut

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific postemergence application timing in peanut. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied postemergence to peanut in a tank-mixture with one or more of the active ingredients listed below.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence in peanut:

2,4-DB, acifluorfen, bentazon, imazapic, lactofen, paraquat

Application of [Insert Brand Name] in a tank mixture with other products or to soils where other applications of soil applied herbicides have been made, may increase the potential for injury with this product.

## 16.0 Forage or Grain Sorghum (Milo)

# 16.1 [Insert Brand Name] Preplant Incorporated, Preemergence, or Postemergence Use in Sorghum

This product, when applied preplant incorporated, preemergence, or postemergence in sorghum, as one or two applications, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of the label. If weeds are emerged at time of application, apply a labeled postemergence herbicide with this product to control the emerged weeds. Observe the directions for use, precautions and restrictions on the label of the postemergence herbicide.

Preplant Incorporated and preemergence applications of this product must be made ONLY to sorghum planted with seed that has been properly treated with seed protectant or safener. Application rates from the table below should be based on the soil texture and the tolerance of the sorghum hybrid.

NOTE: In Texas, use only in the Panhandle area and the fine-textured soils of the Gulf Coast and the Blacklands. In the Texas Panhandle and Oklahoma Panhandle, do not apply preplant incorporated.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. <u>Allowed in selected states only</u> - see Aerial Application Equipment section [insert section number] of this label for more information.

## **Approved Application Methods**

## Preplant Incorporated; Preemergence Surface; Postemergence Surface

Apply this product preplant incorporated, preemergence, or postemergence to sorghum before the crop exceeds 11 inches in height (in general, 5 to 6 leaf sorghum). This product will not control emerged weeds, therefore, emerged weeds must be controlled by a labeled postemergence herbicide or cultural means. If sorghum seed is not properly treated with seed protectant or safener, preplant and preemergence applications of [*Insert Brand Name*] herbicide will severely injure the crop.

#### Restrictions:

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

DO NOT make postemergence surface applications using sprayable fluid fertilizer as the carrier, because severe crop injury may occur.

DO NOT graze treated area or feed treated sorghum forage to livestock for 60 days following application of this product.

Application Rates (minimum and maximum range)

Application Rates (								
	Broadcast Rate Per Acre*							
SOIL TEXTURAL	Less than 1.5% organic matter	1.5% or more organic matter						
GROUP	(fl oz)	(fl oz)						
Coarse	30 to 47	42 to 52						
Medium	30 to 47	42 to 63						
Fine	30 to 52	47 to 63						

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

# 16.2 [Insert Brand Name] Tank-Mixtures for Preplant Incorporated, Preemergence, or Postemergence Use in Sorghum

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific application timing in sorghum. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

Optional Text: [Insert Brand Name] may be applied preplant incorporated, preemergence, or postemergence to sorghum in a tank-mixture with one or more of the active ingredients listed below, or one of the products listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use in sorghum:

2,4-D, atrazine, bromoxynil, dicamba, pyrasulfotole

Huskie® (EPA Reg. No. 264-1023, bromoxynil, pyrasulfotole)

#### 17.0 SOYBEAN

## 17.1 [Insert Brand Name] for Preplant, At-Planting, or Preemergence Use in Soybean

When applied preplant, at-planting, or preemergence in soybean, this product will provide preemergence control or reduced competition of the annual weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at the time of application, apply a labeled postemergence herbicide to control emerged weeds. Use of a residual herbicide for the control of weeds not listed on this label is recommended. Applications may be made in a tank mixture with the products listed below. Observe all directions for use, precautions, and restrictions on the labeling of the tank mixed postemergence herbicide or residual herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. Allowed in selected states only - see Aerial Application

Equipment section [insert section number] of this label for additional information.

## **Approved Application Methods**

## Preplant, At-planting or Preemergence Surface

[Insert Brand Name] may be applied preplant, at-planting or preemergence to **soybean** at 26 to 42 fluid ounces per acre according to the rate table below. The optimum rate of application is 30 fluid ounces per acre. Apply broadcast to the soil surface according to the rate table listed below. Mechanical incorporation is not recommended. This product will not control emerged weeds.

Application of this product with other postemergence or soil applied herbicides may increase the potential for crop injury.

Application of this product followed by conditions that do not favor adequate crop growth or which cause stress (cold, wet soils), or under waterlogged conditions from excessive irrigation or rainfall, may result in crop injury.

#### Restrictions:

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Application Rates (minimum and maximum range)

	BROADCAST RATE PER ACRE*						
SOIL TEXTURAL GROUP	Less than 1.5% Organic Matter (fl oz)			1.5% or M	ore Or (fl oz	ganic Matter )	
Coarse	26	to	33	26	to	35	
Medium	26 to 35 26 to				40		
Fine	26	to	40	26	to	42	

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

# 17.2 [Insert Brand Name] Tank Mixtures for Preplant, At-Planting, or Preemergence Use in Soybean

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific pre-plant or preemergence application timing in soybean. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow

the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied preplant, at-planting, or preemergence to soybean (all types) in a tank-mixture with one or more of the active ingredients listed below, or one of the products listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use preplant or preemergence in soybean:

chlorimuron-ethyl, cloransulam-methyl, fomesafen, glyphosate, imazethapyr, metribuzin, paraquat, pendimethalin, sulfentrazone

Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), RT 3® (EPA Reg. No. 524-544, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

[For the specific tank mixture products below, select from the following list of states for insertion into the label at the time of label printing:

## In the following states only:

Alabama, Arkansas, Delaware, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, South Carolina, Tennessee, Texas, and Virginia, *J* 

[Insert Brand Name] may be tank mixed with the following active ingredients when applied preplant, atplanting, or preemergence in soybean.

#### Conventional Tillage Conditions:

For soybeans planted under conventional tillage conditions this product may be tank mixed with the following products and applied preplant up to 14 days prior to planting.

## No-Till or Minimum Tillage Conditions:

In soybeans planted under no-till or minimum tillage conditions on wheat stubble or non-till field corn stubble this product may be tank mixed with the following products and applied preplant, at-planting, or preemergence:

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use preplant or preemergence in soybean:

flumioxazin]

Applications of this product in the tank mixtures allowed above followed by cool wet weather conditions may result in crop injury

## 17.3 [Insert Brand Name] for Postemergence Use in Soybean

This product, when applied postemergence in soybeans, as one or two applications, will provide preemergence control or reduced competition of the annual grasses and broadleaf weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at time of application, apply a labeled postemergence herbicide with this product to control the emerged weeds. See section [insert section number] of this label for recommended tank mix products for postemergence applications in soybeans. Observe the directions for use, precautions and restrictions on the label of the postemergence herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. Allowed in selected states only - see Aerial Application

**Equipment section** [insert section number] of this label for additional information.

## **Approved Application Methods**

## **Postemergence Surface**

Apply this product postemergence to soybeans and prior to weed emergence. The application should be made after soybeans are completely emerged but before soybeans reach growth stage R2. Apply this product when crop is small or direct spray to the soil surface to minimize interference of spray by crop. The optimum timing and rate of application is when soybeans are V2-V3 at 30 fluid ounces per acre. Directed applications may be used to increase soil coverage and canopy penetration after soybean growth stage V5. Use rates are defined in the table below. Use the higher rate where heavy weed infestations exist. Weeds emerged at the time of application are not controlled by this product. If weeds are emerged at application, apply a labeled postemergence herbicide with this product to control the emerged weeds or shallowly cultivate or rotary hoe to improve performance. See section [insert section number] of this label for recommended tank mix products for postemergence applications in soybeans.

Apply [Insert Brand Name] broadcast over-the-top or directed to the soil surface, according to the rate table listed below. Application made before weeds emerge or after clean cultivation is necessary as this product will not control emerged weeds.

#### Restrictions:

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

DO NOT make postemergence surface applications using sprayable fluid fertilizer as the carrier because severe crop injury may occur.

DO NOT graze treated area or feed treated soybean forage to livestock following application of this product.

Application Rates (minimum and maximum range)

		BROADCAST RATE PER ACRE*					
SOIL TEXTURAL GROUP	Less	than 1.5% Matte (fl oz)		1.5% or M	ore Or (fl oz	ganic Matter )	
Coarse	26	to	33	26	to	35	
Medium	26 to 35			26	to	40	
Fine	26	to	40	26	to	42	

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

#### 17.4 [Insert Brand Name] Tank-Mixtures for Postemergence Use in Soybean

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific postemergence (in-crop) application timing in soybean. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied postemergence to soybean (all types) in a tank-mixture with one or more of the active ingredients listed below.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence to soybean:

acifluorfen, bentazon, chlorimuron-ethyl, clethodim, cloransulam-methyl, fenoxaprop-P-ethyl, fluazifop-P-butyl, fomesafen, imazamox, imazethapyr, lactofen, quizalofop-P-ethyl]

[Insert Brand Name] may be applied postemergence to soybean in a tank-mixture with the active ingredient listed below, or one of the products listed when used on Roundup Ready Soybean, Roundup Ready 2 Yield Soybean, Roundup Ready 2 Xtend® Soybean, and XtendFlex® Soybean.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence to soybean:

glyphosate, Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

[Insert Brand Name] may be applied postemergence to soybean in a tank-mixture with the active ingredient or the product listed below when used on XtendFlex® Soybean.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence to soybean:

glufosinate-ammonium, Liberty® 280 SL Herbicide (EPA Reg. No. 7969-448, glufosinate)]

## 18.0 SUGAR BEET

#### 18.1 [Insert Brand Name] for Preplant, At-Planting, or Preemergence Use in Sugar Beet

This product, when applied preplant, at-planting, or preemergence in sugar beet, will provide preemergence control or reduced competition of the annual weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are emerged at the time of application, apply a labeled postemergence herbicide with this product to control the emerged weeds. Observe the directions for use, precautions, and restrictions on the label of the postemergence herbicide.

#### **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. <u>Allowed in selected states only</u> - see Aerial Application Equipment section [insert section number] of this label for additional information.

### **Approved Application Methods**

#### Preplant; At-planting; Preemergence Surface

[Insert Brand Name] may be applied preplant, at-planting, or preemergence to sugar beets at 26 to 42 fluid ounces per acre. Apply broadcast to the soil surface according to the rate table listed below.

Application of this product followed by conditions that do not foster adequate crop growth, or cause stress (cold, wet soils), waterlogged conditions, excessive irrigation or rainfall, may result in crop injury.

Application of this product followed by conditions that result in loss of sugar beet stand may result in significant crop injury when a subsequent sugar beet crop is replanted into the treated area. Do not replant sugar beets after [insert brand] has been applied and the sugar beets stand fails due to adverse weather or any other reasons. A crop that is approved for direct application on the [Insert Brand Name] label may be replanted if the sugar beet stand is lost.

Application of this product before weeds emerge or after clean cultivation, or in a labeled tank mix with an effective postemergence herbicide, is necessary, as [Insert Brand Name] will not control emerged weeds.

## Restrictions:

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Do not exceed a total of 3 applications per year in sugar beets.

Allow a minimum of 70 days between last application and harvest of sugar beets, and grazing or feeding of sugar beet tops to livestock.

Application Rates (minimum and maximum range)

		BROADCAST RATE PER ACRE*						
SOIL TEXTURAL GROUP	Less	Less than 1.5% Organic Matter (fl oz)				ganic Matter )		
Coarse	26	to	33	26	to	35		
Medium	26	to	35	26	to	40		
Fine	26	to	40	26	to	42		

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 18.2 Tank-Mixtures for Preplant, At-Planting, or Preemergence Use in Sugar Beet

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific preplant or preemergence application timing in sugar beet. Read and follow all applicable restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied preplant, at-planting, or preemergence to sugar beet (all types) in a tank-mixture with the active ingredient or product listed below.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use preplant or preemergence in sugar beets:

ethofumesate, Nortron® SC (EPA Reg. No. 264-613, ethofumesate)]

Applications of this product in a tank mixture with Nortron® SC herbicide may result in severe crop injury; refer to Nortron SC product label for crop injury precautions.

Application of this product in tank mixtures with other products, including with adjuvants, or to soils where other applications of soil applied herbicides have been made, may increase the potential for crop injury.

## 18.3 [Insert Brand Name] for Postemergence Use in Sugar Beet

This product, when applied postemergence in sugar beets, will provide preemergence control or reduced competition of the annual weeds listed in the "WEEDS CONTROLLED" section of this label. If weeds are

emerged at the time of application, apply a labeled postemergence herbicide with this product to control the emerged weeds. Observe the directions for use, precautions, and restrictions on the label of the postemergence herbicide.

## **Approved Application Systems**

Ground: Broadcast boom

Aerial: Fixed-wing and helicopter. Allowed in selected states only - see Aerial Application

Equipment section [insert section number] of this label for additional information.

## **Approved Application Methods**

## **Postemergence Surface**

[Insert Brand Name] may be applied postemergence to sugar beets at 26 to 42 fluid ounces per acre from the 2 leaf up to the 8-leaf stage, with the 4-leaf stage being the ideal timing. Apply broadcast over the top of the crop or directed to the soil surface according to the rate table listed below. Do not exceed 42 fluid ounces per acre as a single application. Allow at least 7 days between sequential applications.

Application of this product followed by conditions that do not foster adequate crop growth, or cause stress (cold, wet soils), waterlogged conditions, excessive irrigation or rainfall, may result in crop injury.

Application of this product followed by conditions that result in loss of sugar beet stand may result in significant crop injury when a subsequent sugar beet crop is replanted into the treated area. User should take care to ensure that crop stand is at a desirable level before using [Insert Brand Name]. Do not replant sugar beets after [insert brand] has been applied and the sugar beets stand fails due to adverse weather or any other reasons. A crop that is approved for preemergence application on the [Insert Brand Name] label may be replanted if the sugar beet stand is lost.

Application of this product made before weeds emerge or after clean cultivation, or application in a labeled tank-mix with an effective postemergence herbicide, is necessary, as [Insert Brand Name] will not control emerged weeds.

#### Restrictions:

DO NOT exceed a combined total of 84 fluid ounces (3 lbs acetochlor) per acre per year when making multiple applications of this product or other acetochlor containing products.

Do not exceed a total of 3 applications per year in sugar beets.

Allow a minimum of 70 days between last application and harvest of sugar beets, and grazing or feeding of sugar beet tops to livestock.

**Application Rates (minimum and maximum range)** 

	BROADCAST RATE PER ACRE*						
SOIL TEXTURAL GROUP	Less	Less than 1.5% Organic Matter (fl oz)			1.5% or More Organic Matter (fl oz)		
Coarse	26	to	33	26	to	35	
Medium	26 to 35 26				to	40	
Fine	26	to	40	26	to	42	

<sup>\*</sup> Use the higher rate in the range for areas of heavy weed infestation.

## 18.4 Tank-Mixtures for Postemergence Use in Sugar Beet

It is the applicator's responsibility to ensure that all products used in a tank mixture with this product are registered for the specific postemergence application timing in sugar beet. Read and follow all applicable

restrictions and limitations and directions for use involving tank mixing on all product labels included in the tank mixture, including any applicable crop injury precautions. The end-user must follow the most restrictive directions for use and precautionary statements on the labeling of each product in the tank mixture.

[Insert Brand Name] may be applied postemergence to sugar beet (all types) in a tank-mixture with one or more of the active ingredients listed below or the product listed.

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence in sugar beets:

clethodim, clopyralid, ethofumesate, triflusulfuron methyl, Nortron® SC (EPA Reg. No. 264-613 ethofumesate)]

[Insert Brand Name] may be applied postemergence to sugar beet in a tank-mixture with the active ingredient listed below, or one of the products listed when used on Roundup Ready® Sugar beet.]

[Insert active ingredient(s) only from the list below, and/or insert brand name(s) of products containing the active ingredient(s) only from the list below, that, at the time of label printing, are registered for use postemergence in sugar beets

glyphosate, Roundup PowerMAX® (EPA Reg. No. 524-549, glyphosate), Roundup PowerMAX® II (EPA Reg. No. 524-537, glyphosate), Roundup PowerMAX® 3 (EPA Reg. No. 524-659, glyphosate), Roundup WeatherMAX® (EPA Reg. No. 524-537, glyphosate), Honcho® K6 (EPA Reg. No. 524-539, glyphosate)]

Application of this product in tank mixtures with other products, including with adjuvants, or to soils where other applications of soil applied herbicides have been made, may increase the potential for crop injury.

#### 19.0 LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

To the extent consistent with applicable law, buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

To the extent consistent with applicable law, buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company including, but not limited to, incompatibility with products other than those set forth in the Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

This Company does not warrant any product reformulated or repackaged from this product except in accordance with this Company's stewardship requirements and with express written permission from this Company.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR

ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

WARRANT, Roundup Ready, Roundup Ready 2, Roundup Ready 2 Xtend®, Balance® Flexx, Corvus®, DiFlexx™, Roundup PowerMAX®, Roundup PowerMAX® II, Roundup PowerMAX® 3, Roundup WeatherMAX®, RT 3®, Honcho® K6, XtendFlex®, Huskie®, Nortron® SC are trademarks of Bayer CropScience LP. [This listing will be updated at time of printing, if necessary.] All other trademarks are the property of their respective owners.

EPA Reg. No. 264-XXXX

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

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Produced For:
Bayer CropScience LP
800 N. LINDBERGH BLVD.
ST. LOUIS, MISSOURI 63167 USA

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