



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 24, 2022

Katie Woodall  
Agent  
Rotam Agrochemical Company, Ltd.  
c/o Wagner Regulatory Associates, Inc.  
P.O. Box 640  
Hockessin, DE 19707

Subject: Registration Review Label Mitigation for Tribenuron-methyl  
Product Name: CLEAT 75WG HERBICIDE  
EPA Registration Number: 83100-31  
Application Date: December 19, 2017  
Decision Number: 558358

Dear Ms. Woodall:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Sulfonylurea (SU) Herbicides Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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Decision No. 558358

If you have any questions about this letter, please contact Srijana Shrestha by phone at 202-566-2329, or via email at [shrestha.srijana@epa.gov](mailto:shrestha.srijana@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief  
Risk Management and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure: Stamped Label

[Master Label]

TRIBENURON-METHYL	GROUP	<b>2</b>	HERBICIDE
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# CLEAT 75 WG Herbicide

For use on Cereals, SU Tolerant Canola with "CIBUS SU CANOLA™ " trait,  
Grass grown for seed, Fallow and as a Pre-Plant or Post-Harvest Burndown Herbicide

Active Ingredient:	By Weight
Tribenuron-methyl: Methyl 2-[[[N-(4-methoxy-6-methyl-1,3,5-triazin-2-yl) methylamino]carbonyl]amino]sulfonyl]benzoate .....	75%
<b>Other Ingredients:</b> .....	<u>25%</u>
<b>Total:</b> .....	<b>100%</b>

## KEEP OUT OF REACH OF CHILDREN CAUTION / PRECAUCION

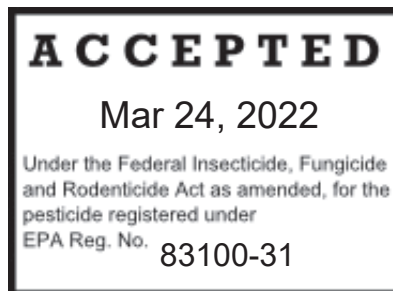
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

See additional Precautionary Statements and Directions For Use inside booklet.

EPA REG. NO. 83100-31  
EPA EST. NO. \_\_\_\_\_

NET CONTENTS: \_\_\_ ounces

**Manufactured For [By]:**  
ROTAM AGROCHEMICAL CO. LTD.  
26/F, E-Trade Plaza  
24 Lee Chung Street  
Chai Wan, Hong Kong



[Table of Contents to be added before the Precautionary Statements.]

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

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

<b>FIRST AID</b>	
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>- Take off contaminated clothing.</li> <li>- Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>- Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>- Call a poison control center or doctor immediately for treatment advice.</li> <li>- Have person sip a glass of water if able to swallow.</li> <li>- Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>- Do not give anything to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>- Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>- Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eye.</li> <li>- Call a poison control center or doctor for further treatment advice.</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 <b>1-800-222-1222</b> for emergency medical treatment information.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if absorbed through skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eye wear (if appropriate). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves (such as Natural Rubber). Remove and wash contaminated clothing before use.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are listed below.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.
- Shoes plus socks.

Discard clothing and other absorbent materials that have been drenched, or heavily contaminated with this product. 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.

### 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.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean highwater mark. Do not contaminate water by cleaning of equipment or disposing of equipment wash waters.

#### Surface Water Label 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 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 tribenuron-methyl from runoff water and sediment. Runoff of this product will be greatly reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

### PESTICIDE HANDLING

- Calibrate sprayers only with clean water away from the well site.
- Make scheduled checks of spray equipment.
- Ensure that all operation employees accurately measure pesticides.

- Mix only enough product for the job at hand.
- Avoid overfilling of spray tank.
- Do not discharge excess material on the soil at a single spot in the field, grove, or mixing/loading station.
- Dilute and agitate excess solution and apply at labeled rates or uses.
- Avoid storage of pesticides near well sites.
- When triple-rinsing the pesticide container, be sure to add the rinsate to the spray mix.

## DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### 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 intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and the involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride
- Shoes plus socks

### Non-Target Organism Advisory:

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 area. Protect the forage and habitat of non-target organisms by minimizing spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

### Windblown Soil Particles:

CLEAT 75 WG Herbicide has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying CLEAT 75 WG Herbicide if prevailing local conditions may be expected to result in off-site movement.

This product must be used only in accordance with instructions on this label or in separately published Rotam instructions. Rotam will not be responsible for losses or damages resulting from the use of this product in any manner not specified by Rotam.

This product may be used on wheat, barley, triticale, post-harvest burndown, fallow, and pre-plant burndown in most states. Check with your State Extension Service or Department of Agriculture before use to be certain this product is registered in your State.

### PRODUCT INFORMATION

This product is a water dispersible granule that is used for selective post-emergence weed control in wheat (including durum), barley, triticale, post-harvest burndown, fallow and pre-plant burndown weed control. The best control is obtained when this product is applied to young, actively growing weeds. The use rate will depend on weed spectrum and size of weed at time of application. The degree and duration of control may depend on the following:

- weed spectrum and infestation intensity
- weed size at application
- environmental conditions at and following treatment

This product is noncorrosive, nonflammable, nonvolatile, and does not freeze. Mix product in water and apply as a uniform broadcast spray.

### BIOLOGICAL ACTIVITY AND ENVIRONMENTAL CONDITIONS

This product is absorbed through the foliage of broadleaf weeds, rapidly inhibiting their growth. Leaves of susceptible plants appear chlorotic from 1 to 3 weeks after application and the growing point subsequently dies.

This product provides the best control in vigorously growing crops that shade competitive weeds. Weed control in areas of thin crop stand or seeding skips may not be as satisfactory. However, a crop canopy that is too dense at application can intercept spray and reduce weed control. This product may injure crops that are stressed from adverse environmental conditions (such as extreme

temperatures or moisture), abnormal soil conditions, or cultural practices. In addition, different varieties of the crop may have differing levels of sensitivity to treatment with this product under otherwise normal conditions.

Treatment of sensitive crop varieties may injure crops. To reduce the potential of crop injury, tank mix this product with 2, 4-D (ester formulations perform best - see the **TANK MIXTURES** section of this label) and apply after the crop is in the tillering stage of growth.

In warm, moist conditions, the expression of herbicide symptoms is accelerated in weeds; in cold, dry conditions, expression of herbicide symptoms is delayed. In addition, weeds hardened-off by drought stress are less susceptible to this product.

Weed control may be reduced if rainfall or snowfall occurs soon after application. Several hours of dry weather are needed to allow this product to be sufficiently absorbed by weed foliage.

#### USE RATE

Apply 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre) to wheat (including durum), barley, oats, triticale, fallow, and pre-plant burndown. Two applications of this product may be made per season provided the total amount applied does not exceed 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre).

#### WEED RESISTANCE MANAGEMENT

CLEAT 75 WG Herbicide contains tribenuron-methyl and is classified as a Group 2 herbicide, Acetolactate Synthase (ALS) or Acetohydroxy Acid Synthase (AHAS) inhibitor.

Herbicide resistance is defined as the inherited ability of a plant to survive and reproduce following exposure to a dose of herbicide normally lethal to the wild type. In a plant, resistance may be naturally occurring or induced by such techniques as genetic engineering or selection of variants produced by tissue culture or mutagenesis. Any weed population may contain or develop plants that are naturally resistant to CLEAT 75 WG Herbicide and other Group 2 herbicides. Weed species with acquired resistance to Group 2 herbicides may eventually dominate the weed population if Group 2 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by CLEAT 75 WG Herbicide or other Group 2 herbicides.

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 such as 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.

To delay herbicide resistance, consider:

- Avoiding the consecutive use of CLEAT 75 WG Herbicide or other target site of action Group 2 herbicides that have a similar target site of action, on the same weed species.
- Using tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank mix or prepack rate on the weed(s) of concern.
- Basing herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitoring treated weed populations for loss of field efficacy.

Users should scout before and after application. Users should report lack of performance to registrant or their representative. Contact your local sales representative, extension agent, or certified crop advisors to find out if suspected resistant weeds to this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application rates of this product specified for your local conditions. Tank mix products so that there are multiple effective mechanisms of action for each target weed.

#### INTEGRATED PEST MANAGEMENT

This product may be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your State Cooperative Extension service, professional consultants, or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop or site systems in your area.

#### PRECAUTIONS:

- Varieties of wheat (including durum), barley and triticale may differ in their response to various herbicides. Consult your State Experiment Station, University, or extension agent as to crop sensitivity to any herbicide. If no information is available, limit the initial use to a small area.
- Under certain conditions such as heavy rainfall, prolonged cold weather, or wide fluctuations in day/night temperatures prior to or soon after application, temporary discoloration and/or crop injury may occur. To reduce the potential of crop injury, tank mix this product with 2,4-D (ester formulations perform best - see the "**TANK MIXTURES**" section of this label) and apply after the crop is in the tillering stage of growth.

- Dry, dusty field conditions may result in reduced control in wheel track areas.

## RESTRICTIONS

- Do not apply this product to wheat, barley or triticale that is stressed by severe weather conditions, drought, low fertility, water-saturated soil, disease, or insect damage, as crop injury may result. Risk of injury is greatest when crop is in the 2- to 5- leaf stage. Severe winter stress, drought, disease, or insect damage following application also may result in crop injury.
- Do not apply to wheat, barley, or triticale underseeded with another crop.
- Do not apply, drain, or flush equipment on or near desirable trees or other plants or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on lawns, walks, driveways, tennis courts, or similar areas.
- Do not allow spray to drift to desirable plants.
- Do not allow direct or indirect spray drift of this product with non-target plants or areas.
- Follow all sprayer cleanup instructions both prior to and after using this product, as spray tank residue may damage crops other than wheat or barley.

### SPRAY DRIFT MANAGEMENT

The interaction of many equipment- and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making application decisions.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

#### Aerial Applications:

- Do not release spray at a height greater than 10 ft. above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- 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 unless making a turf, pasture, or rangeland application, in which case applicators may apply with a nozzle height no more than 4 feet above the ground.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- For all other applications, applicators are required to use a Medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 10 miles per hour at the application site.
- Do not apply during temperature inversions.

#### Boom-less Ground Applications:

- Applicators are required to use a Medium or coarser droplet size (ASABE S572.1) for all applicators.
- Do not apply when wind speeds exceed 10 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.

#### Controlling Droplet Size – Aircraft

- **Adjust Nozzles** - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles

should be oriented parallel with the airflow in flight.

### **BOOM HEIGHT – Ground Boom**

Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

### **RELEASE HEIGHT - Aircraft**

Higher release heights increase the potential for spray drift. When applying aurally to crops, do not release spray at a height greater than 10 ft. above the crop canopy, unless a greater application height is necessary for pilot safety.

### **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.

### **Boom-less Ground Applications:**

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **Handheld Technology Applications:**

- Take precautions to minimize spray drift.

### **CALIFORNIA APPLICATION REQUIREMENTS FOR PROTECTION OF SENSITIVE CROPS**

The following drift management requirements must be followed to minimize the potential for exposure of sensitive crops. Determine the prevailing wind speed and direction before application.

### **Spray quality**

Apply with nozzles that give a coarse droplet size spectrum (volume median diameter [VMD] of 350-400 microns) and minimize droplets that are less than 200 microns.

### **Buffer Zones**

The following buffer zones between the treated area and sensitive crops are required when these sensitive crops are downwind of the application site.

### **Ground Application**

<b>Sensitive Crop</b>	<b>Low Boom</b>	<b>Ground High Boom</b>	<b>Aerial Application</b>
Tomato, cucumber, sugarbeet	350 ft.	500 ft.	1300 ft.
Other broadleaf crops	50 ft.	50 ft.	500 ft.
Tree and vine crops	50 ft.	50 ft.	500 ft.
Dormant tree and vine	No buffer required		
Tree and vine crops do not require buffer zones when crops are dormant.			

### **CROP ROTATION**

Wheat, Barley and Triticale may be replanted any time after the application of this product. Sugarbeets, Winter Rape and Canola can be planted at 60 days after the application of this product. Any other crop may be planted 45 days after the application of this product.

### **GRAZING**

Allow at least 7 days between application and grazing of treated forage. In addition, allow at least 7 days between application and feeding of forage from treated areas to livestock. Allow at least 30 days between application and feeding of hay from treated areas to livestock. Harvested straw may be used for bedding and/or feed. Allow at least 45 days between application and harvesting of grain.

### **MIXING INSTRUCTIONS**

1. Fill the tank 1/4 to 1/3 full of water.
2. While agitating, add the required amount of this product.



3. Continue agitation until this product is fully dispersed, at least 5 minutes.
4. Once this product is fully dispersed, maintain agitation and continue filling tank with water. This product should be thoroughly mixed with water before adding any other material.
5. As the tank is filling, add tank mixture partners (if desired) then add the required volume of spray adjuvant. Always add spray adjuvant last. Antifoaming agents may be used. Do not use with spray additives that alter the pH of the spray solution below pH 6.0 as rapid product degradation can occur. Spray solutions of pH 7.0 and higher allow for optimum stability of this product.
6. If the mixture is not continuously agitated, settling will occur. If settling occurs, thoroughly re-agitate before using.
7. Apply this spray mixture within 24 hours of mixing to avoid product degradation.
8. If this product and a tank mixture partner are to be applied in multiple loads, pre-slurry this product in clean water prior to adding to the tank. This will prevent the tank mixture partner from interfering with the dissolution of this product.

### SPRAY EQUIPMENT

For specific application equipment, refer to the manufacturer's instructions for additional information on GPA, pressure speed, nozzle types and arrangements, and nozzle heights above the target canopy, etc. Be sure to calibrate air or ground equipment properly before application. Select a spray volume and delivery system that will ensure thorough coverage and a uniform spray pattern with minimum drift. Use higher spray volumes to obtain better coverage when crop canopy is dense. Avoid swath overlapping, and shut off spray booms while starting, turning, slowing, or stopping, to avoid injury to the crop. Do not make applications using equipment and/or spray volumes or during weather conditions that might cause spray to drift onto non-target sites. For additional information on spray drift refer to "**SPRAY DRIFT MANAGEMENT**" section of label. Continuous agitation is required to keep this product in suspension.

### SPRAYER CLEANUP

The spray equipment must be cleaned before this product is sprayed. Follow the cleanup procedures specified on the labels of the previously applied products. If no directions are provided, follow the six steps outlined in the "**AFTER SPRAYING THIS PRODUCT AND BEFORE SPRAYING CROPS OTHER THAN WHEAT, BARLEY AND TRITICALE**" section of this label.

### At The End of The Day

When multiple loads of this product are applied, at the end of each day of spraying, the interior of the tank be rinsed with fresh water and then partially filled, and the boom and hoses flushed. This will prevent the buildup of dried pesticide deposits, which can accumulate in the application equipment.

### AFTER SPRAYING THIS PRODUCT AND BEFORE SPRAYING CROPS OTHER THAN WHEAT, BARLEY, OATS AND TRITICALE

To avoid subsequent injury to desirable crops, thoroughly clean all mixing and spray equipment immediately following applications of this product as follows:

1. Empty the tank and drain the sump completely. Remove any contamination on the outside of the spraying equipment by washing with clean water.
2. Spray the tank walls (including the lid) with clean water using a minimum volume of 10% of the tank volume. Add household ammonia at a solution rate of 1 gallon/100 gallons water or other similarly approved cleaner to the tank. Circulate the water through the lines, including all by-pass lines, for at least two minutes. Flush the boom well and empty the sprayer. Completely drain the sump.
3. Repeat step 2. For this rinse, the addition of household ammonia or other cleaner is not required.
4. Remove the strainers, nozzles, tips, and screens and clean separately in a bucket containing water and ammonia solution.

If only ammonia is used as a cleaner, the rinsate solution may be applied to the crop(s) listed on this label. Do not exceed the maximum-labeled use rate. If other cleaners are used, consult the cleaner label for rinsate disposal instructions. If no instructions are given, dispose of the rinsate on site or at an approved waste disposal facility.

### Notes:

1. Always start with a clean spray tank.
2. Steam-cleaning aerial spray tanks is recommended to facilitate the removal of any caked deposits.
3. When this product is tank mixed with other pesticides, all cleanout procedures for each product should be examined and the most rigorous procedure should be followed.
4. In addition to this cleanout procedure, all pre-cleanout guidelines on subsequently applied products should be followed as per the individual labels.

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## WHEAT, BARLEY, OATS AND TRITICALE

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### APPLICATION TIMING

Apply CLEAT 75 WG Herbicide after the crop is in the 2-leaf stage, but before the flag leaf is visible.

For spring oats, make applications after the crop is in the 3-leaf stage, but before jointing. **Do not** use on "Ogle", "Porter" or "Premier" seed varieties as crop injury may occur.

Since CLEAT 75 WG Herbicide has very little or no soil activity, it controls only those weeds that have germinated; therefore, apply CLEAT 75 WG Herbicide when all or most of the weeds have germinated. Annual broadleaf weeds must be past the cotyledon stage, actively growing, and less than 4" tall or wide.

**RESTRICTIONS:**

- **Do not** apply to wheat, barley, oats, or triticale underseeded with another crop.
- **Do not** apply CLEAT 75 WG Herbicide to wheat, barley, oats, or triticale that is stressed by severe weather conditions, drought, low fertility, water-saturated soil, disease, or insect damage, as crop injury may result. Risk of injury is greatest when crop is in the 2- to 5-leaf stage. Severe winter stress, drought, disease, or insect damage following application also may result in crop injury.
- Grazing, Feeding, and Harvesting
  - Allow at least 7 days between application and grazing of treated forage.
  - Allow at least 7 days between application and feeding of forage (green chop) from treated areas to livestock.
  - Allow at least 30 days between application and feeding of hay from treated areas to livestock.
  - Allow at least 45 days between application and harvesting of grain. Harvested straw may be used for bedding and/or feed.

**USE RATE**

Use 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) (except for oats) for heavy infestation of those weeds listed in the **“WEEDS PARTIALLY CONTROLLED”** section of this label and/or when application timing and environmental conditions are marginal (refers to **“BIOLOGICAL ACTIVITY AND ENVIRONMENTAL CONDITIONS”** section of this label for best performance).

Use 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.25 ounce of this product per acre (0.0117 lb. a.i. tribenuron-methyl/acre) (except for oats) for light infestation of weeds listed in the **“WEEDS CONTROLLED”** section of this label. Conditions at application should be optimum for effective treatment of these weeds.

Two applications of CLEAT 75 WG Herbicide may be made on this crop provided the total amount does not exceed 0.33 ounce per acre (0.0155 lb. a.i./A) per year.

For oats, apply 0.134 oz. of this product per acre (0.0063 lb. a.i. tribenuron-methyl/acre) for control of light populations of the weeds listed in Weeds Controlled table. In oats, this product must be tank mixed with another registered herbicide. Do not make more than one application of this product per crop per season on oats.

Crop/Use	Application Timing	Maximum Oz./A of Product per Single Application	Maximum A.i Lb./A per Single Application	Maximum Oz./A of Product per Year	Maximum A.i. Lb./A per Year	Maximum Number of Applications per Year	Minimum Treatment Interval (Days)	Pre-Harvest Interval, Days
Wheat, Barley, Triticale	Post-emergence	0.33	0.0155	0.33	0.0155	2	14	45 (for grain)
Oats	Post-emergence	0.134	0.0063	0.134	0.0063	1	Not Applicable	45 (for grain)

**TANK MIXTURES FOR WHEAT, BARLEY, OATS AND TRITICATE**

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

**Application with 2,4-D (amine or ester) or MCP (amine or ester)**

This product may be tank mixed with 2,4-D and MCP (preferably ester formulations) herbicides for use on wheat, barley, oats, and triticale. For best results, add 2,4-D or MCP herbicides to the tank at 0.125 or 0.375 pound active ingredient per acre. In tank mixes containing 0.125 pound active ingredient 2,4-D or MCP per acre, add 1 to 2 pint of nonionic surfactant; in tank mixes containing 0.25 to 0.375 pound active ingredient 2,4-D or MCP per acre, add 1 pint of nonionic surfactant.

Higher rates of 2,4-D or MCP may be used, but do not exceed the highest rate allowed by those respective labels. When using rate of 0.375 pound a.i. per acre or higher, use of additional nonionic surfactant may not be needed, unless specified otherwise in the 2,4-D or MCP label, or local guidance.

**Application with 2,4-D or MCP (amine or ester) and Dicamba**

This product may be applied in a 3-way tank mix with formulations of dicamba (such as “Banvel”/“Clarity”) and 2,4-D or MCP.

Make applications at 0.17 ounce (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce (0.0155 lb. a.i. tribenuron-methyl/acre) of this product + 1 to 1.5 ounce active ingredient dicamba + 0.25 to 0.38 pound active ingredient of 2,4-D or MCP (ester or amine) per acre. Use higher rates when weed infestation is heavy. Add 1 to 2 pints of nonionic surfactant to the 3-way mixture, where necessary, as deemed by local guidance. Use of additional nonionic surfactant may not be needed with the higher phenoxy rates and ester phenoxy formulations. Consult the specific 2,4-D or MCP and dicamba labels, or local guidance for more information.

Apply this 3-way combination to winter wheat after the crop is tillering and prior to jointing (first node). In Spring Wheat (including Durum), apply after the crop is tillering and before it exceeds the 5-leaf stage.

Do not apply this 3-way mixture at high rates more than once a year, or more than twice per year at the low rates.

**Application with Bromoxynil**

This product may be tank mixed with bromoxynil containing herbicides registered for use on wheat, barley, or triticale. For best results, add bromoxynil-containing herbicides to the tank at label rates. Note that tank mixtures of this product plus bromoxynil may result in reduced control of Canada thistle.

**Application with "Starane", "Starane + Salvo", or "Starane + Sword"**

For improved control of Kochia (2-4" tall). This product may be tank mixed with 0.3 or 0.6 pints per acre of Starane. 0.6 to 1.3 pints per acre of Starane + Salvo, or 0.75 to 1.5 pints per acre of Starane + Salvo and Starane + Sword. Refer to this label, and the Starane, Starane + Salvo, and Starane + Sword labels for information regarding use restrictions, labeled crops, rotational cropping intervals, sprayer cleanup, use precautions and other information. 2,4-D and MCP herbicides (preferably ester formulations) may be tank mixed with this product plus Starane. Consult local guidance and the Tank Mixtures section of this label for additional information.

**Application with "Maverick"**

This product can be tank mixed with "Maverick" herbicide for improved control of weeds in wheat.

**Application with "Aim"**

This product can be tank mixed with "Aim" herbicide for improved control of weeds in wheat and barley.

**Application with "Stinger", "Curtail", or "Curtail M"**

This product can be tank mixed with "Stinger", "Curtail", or "Curtail M" herbicides for improved control of weeds in wheat and barley.

**Application with "Assert" Herbicide or "Avenge" Herbicide**

This product can be tank mixed with "Avenge" or "Assert". When tank mixing this product with "Assert", always include another broadleaf weed herbicide with a different mode of action - for example 2,4-D ester, MCP ester, or bromoxynil (such as "Buctril", "Bison", "Bronate", or "Bronate Advanced"). Applications of this product plus "Assert" may cause temporary crop discoloration, stunting, or injury when heavy rainfall occurs shortly after application.

**Application with "Puma"**

This product can be tank mixed with "Puma" herbicide for improved control of weeds in wheat and barley.

**Application with "Discover"**

This product can be tank mixed with "Discover" herbicide for improved control of weeds in spring wheat.

**Application with "Everest"**

This product can be tank mixed with "Everest" herbicide for improved control of weeds in spring wheat.

**Application with Other Herbicides**

- Tank mixtures of this product plus metribuzin may result in reduced control of wild garlic.
- Tank mixtures of this product plus dicamba (such as "Banvel"/"Clarity") may result in reduced control of some broadleaf weeds.
- Tank mixtures of this product with "Hoelon 3EC" may result in reduced grass control.

**Application with Fungicides**

This product may be tank mixed or used sequentially with fungicides registered for use on cereal crops.

**Application with Insecticides**

This product may be tank mixed or used sequentially with insecticides registered for use on cereal crops. However, under certain conditions (drought stress, or if the crop is in the 2- to 4-leaf stage), tank mixtures or sequential applications of this product with organophosphate insecticides (such as "Nufos") may produce temporary crop yellowing or, in severe cases, crop injury. The potential for crop injury is greatest when wide fluctuations in day/night temperatures occur just prior to or soon after application.

Test these mixtures in a small area before treating large areas. Do not apply this product within 60 days of crop emergence where an organophosphate insecticide has been applied as an in-furrow treatment since crop injury may result. Do not use this product plus Malathion since crop injury may result.

**Application with Liquid Nitrogen Solution Fertilizer**

Liquid nitrogen fertilizer solutions may be used as a carrier in place of water. Run a tank mix compatibility test before mixing this product in fertilizer solution. This product must first be pre-slurried with water and then added to liquid nitrogen solutions (e.g. 28-0-0, 32-0-0). Ensure that the agitator is running while this product is added. Use of this mixture may result in temporary crop yellowing and stunting.

If using low rates of liquid nitrogen fertilizer in the spray solution (less than 50% of the spray solution volume), the addition of surfactant is necessary. Add surfactant at 0.5 pint to 1 quart per 100 gallons of spray solution (0.06 to 0.25% v/v) based on local guidance.

When using high rates of liquid nitrogen fertilizer solution in spray solution, adding surfactant increases the risk of crop injury. If 2,4-D or MCP is included with this product and fertilizer mixture, ester formulations tend to be more compatible (see manufacturer's

label). Additional surfactant may not be needed when using this product in tank mix with 2,4-D ester or MCP ester and liquid nitrogen fertilizer solutions. Consult your agricultural dealer, consultant, field advisor, or Rotam representative for specific guidance before adding an adjuvant to these tank mixtures.

**Note:** In certain areas east of the Mississippi river unacceptable crop response may occur with use of straight or dilute nitrogen fertilizer carrier solutions where cold temperatures or widely fluctuating day/night temperatures exist. In these areas consult your agricultural dealer, consultant, field advisor, or Rotam representative for specific guidance before using nitrogen fertilizer carrier solutions. Do not use low rates of liquid nitrogen fertilizer solution as a substitute for a surfactant. Liquid nitrogen fertilizer solutions that contain sulfur can increase crop response. Do not use with liquid fertilizer solutions with a pH less than 3.0.

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**SU TOLERANT CANOLA - FOR USE ONLY ON SULFONYLUREA TOLERANT CANOLA THAT CONTAINS THE "CIBUS SU CANOLA™" TRAIT**

**This product may be applied to canola that contains the "Cibus SU Canola™" trait. DO NOT apply to NON-Cibus SU Canola (i.e. canola varieties that DO NOT contain the Cibus SU Canola trait) as severe crop injury or death of the plant may occur.**

**APPLICATION TIMING**

Use 0.1 oz. of this product per acre (0.0047 lb. a.i. tribenuron-methyl/acre) when SU Canola™ is at the 2- to 4-leaf stage of development but prior to the beginning of bolting for control of weeds listed under the "WEEDS CONTROLLED" table.

**RESTRICTIONS:**

- Only for use on canola that contains the Cibus sulfonylurea herbicide tolerant trait (SU Canola™ Trait).
- Do not apply to non-sulfonylurea tolerant canola as severe crop injury or death of the plants may occur.
- DO NOT MAKE MORE THAN 1 APPLICATION OF 0.1 OZ./A (0.0047 LB. A.I. TRIBENURON-METHYL/ACRE) OF THIS PRODUCT PER CROP PER SEASON.

**Tank Mixtures**

Other suitable herbicides, fungicides, and insecticides registered for use on canola may be tanked mixed or used sequentially with this product providing the labeled application timing is the same. Read and follow all manufacturer label instructions for the tank mix partner prior to use. The most restrictive provisions on either label must apply.

**For control of grass weeds in SU canola use 0.1 oz. per acre (0.0047 lb. a.i. tribenuron-methyl/acre) of this product with any clethodim product approved for use on canola or one of the following grass herbicides:**

Grass control product	Grass control product use rate
Dakota	4 to 6 fl. oz. per acre
Select	4 to 6 fl. oz. per acre
Select Max	9 to 12 fl. oz. per acre
Poast	2.5 pints per acre
Arrow 2EC	6 fl. oz. per acre
Clethodim 2EC	6 fl. oz. per acre
Clethodim	6 fl. oz. per acre
Clethodim 2E	6 fl. oz. per acre

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**FALLOW**

**USE RATE**

Apply 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) to fallow fields. Two applications of this product may be made per crop season provided the total amount applied does not exceed 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre).

This product should be applied in combination with other suitable registered fallow herbicides (see the "TANK MIXTURES" section of this label for additional information).

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**PRE-PLANT BURNDOWN**

**USE RATE**

Apply this product at 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre) as a burndown treatment prior to planting any crop (except cotton), or shortly after planting wheat (including durum), barley or triticale (prior to emergence). Use the higher rate when weed infestation is heavy and predominantly consists of those weeds listed under the "WEEDS PARTIALLY CONTROLLED" section of this label, or when application timing and environmental conditions are marginal (see the "APPLICATION TIMING" section of this label for restriction on planting intervals).

Sequential treatments of this product may be made provided the total amount of this product applied during one fallow/pre-plant cropland season does not exceed 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre). This product should be applied in combination with other suitable registered pre-plant burndown herbicides (see the "TANK MIXTURES" section of this label for additional information).

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**POST-HARVEST**

**USE RATE**

Apply 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre) to crop stubble after harvest. Use 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre) rate when weed infestation is heavy and predominantly consists of those weeds listed under the “**WEEDS PARTIALLY CONTROLLED**” section of this label, or when application timing and environmental conditions are marginal (see the “**APPLICATION TIMING**” section for restriction on planting intervals). This product should be applied in combination with other suitable registered burndown herbicides (see the “**TANK MIXTURES**” section of this label for additional information).

Sequential treatments of this product may also be made provided the total amount of this product applied during one fallow/pre plant cropland season does not exceed 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre).

## APPLICATION TIMING

### FALLOW

This product may be used as a fallow treatment when the majority of weeds have emerged and are actively growing.

### FOR USE IN FALL FALLOW FOR POST-EMERGENCE BURNDOWN

This product is a water-dispersible granular herbicide that may be used at rate of 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 oz. per acre (0.0155 lb. a.i. tribenuron-methyl/acre) for post-emergence burndown of up to 3” emerged weeds in fallow fields in the Fall.

### Adjuvants

An adjuvant must be added to the tank.

- For best results, add a crop oil concentrate or modified seed oil (methylated, ethylated or saponified) at 1% v/v (1 gallon per 100 gallons of spray)
- OR, add nonionic surfactant at 0.25 - 0.5% v/v (1 - 2 quarts per 100 gallons of spray).

### Crop Rotation

Following application of this product:

- Wheat, Barley, and Triticale may be planted any time after application.
- Cotton, Corn, Soybeans, and Grain Sorghum may be planted 14 days after application.
- Sugarbeets, Winter Rape, and Canola can be planted 60 days after application.
- Any other crop may be planted 45 days after application.

### Tank Mixes

This product may be tank mixed with other suitable registered herbicides such as GLYFOS® or 2,4-D LVE. Read and follow all manufacturers’ label restrictions for the companion herbicide. If they conflict with this product’s Section 3 label use directions, do not tank mix the herbicide with this product.

WEEDS CONTROLLED	
Bushy wallflower	Miner’s lettuce
Buttercup, small flower, hairy	Mustards, wild, black, blue/purple
Chamomile, false, mayweed, wild	Parsnip*, wild
Canada thistle	Pineappleweed
Chickweed, common	Poison hemlock*
Coast fiddleneck	Prickly lettuce**
Com spurry	Purslane, common
Dandelion*	Redroot Pigweed
Deadnettle*	Russian Thistle*
Early whitlowgrass	Smallseed falseflax
Field pennycress	Shepherd’s purse**
Groundsel, common, cressleaf	Tansymustard
Henbit*	Tumble/Jim Hill mustard
Lambsquarters, common, slimleaf	Tarweed fiddleneck
Marestail*	
WEEDS PARTIALLY CONTROLLED***	
Hairy nightshade	Sunflower, common
Pennsylvania smartweed	Wild buckwheat
Prostrate knotweed	Wild garlic
Redmaids	Wild radish
Sow thistle, annual	

\*2,4-D LVE addition required

\*\*2,4-D LVE addition recommended

\*\*\* Partially controlled weeds exhibit a visual reduction in numbers as well as a significant loss of vigor.

## PRE-PLANT BURNDOWN

Apply this product as a burndown treatment to wheat (including durum), barley or triticale fields to control emerged weeds prior to, or shortly after planting (prior to emergence). Make applications when the majority of weeds have emerged and are actively growing.

Apply this product as a burndown treatment to sugarbeets, winter rape and canola fields at least 60 days prior to planting. Apply this product as a burndown treatment to fields where any other crop is to be grown (such as corn, cotton, rice, grain sorghum or soybeans) at least 14 days prior to planting.

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### PRE-PLANT OR AT-PLANTING BURNDOWN IN COTTON, FIELD CORN, GRAIN SORGHUM, RICE, AND SOYBEANS

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This product is a water-dispersible herbicide that may be applied for burndown of emerged weeds before planting, or at planting, of cotton, field corn, grain sorghum, rice, and soybeans.

This product may be used as part of a pre-plant or at-planting burndown treatment, in combination with other suitable registered herbicides. Read and follow all manufacturers label restrictions for the companion herbicide. If they conflict with this label, do not tank mix the herbicide with this product. In fields to be planted to cotton, apply this product at 0.2 ounce per acre (0.0094 lb. a.i. tribenuron-methyl/acre). In fields to be planted to field corn, grain sorghum, rice, or soybeans, apply this product at 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre) for control or partial control of the weeds listed on the EPA registered label. Allow at least 14 days between application and planting of cotton, corn, soybeans, or grain sorghum. Include a nonionic surfactant, petroleum-based crop oil concentrate, or vegetable-seed oil-based product (methylated seed oils are considered a vegetable seed-based oil).

If another herbicide is tank mixed with this product to increase the broadleaf weed spectrum, use 'Crop Oil Concentrate' under dry conditions or during cool weather, a petroleum-based crop oil concentrate, or vegetable-seed oil-based product may be used in place of a nonionic surfactant at 1-2 gallons/100 gallons of spray solution 1-2% v/v) to enhance weed control. Use a petroleum-based crop oil concentrate with at least 14% emulsifiers/surfactant and 80% oil.

#### SPRAY ADJUVANTS

##### Nonionic Surfactant (NIS)

Apply at a rate (concentration) of 0.25-0.5% v/v (1-2 quarts per 100 gallons spray solution). Use the higher rate in hot and dry conditions to enhance control.

##### Ammonium Nitrogen Fertilizer

An ammonium nitrogen fertilizer can be added to a surfactant or a crop oil concentrate to enhance control. Alternatively, a high quality, sprayable grade of ammonium sulfate (21-0-0) may be used.

##### Crop Oil Concentrate

Under dry conditions or during cool weather, a petroleum-based crop oil concentrate, or vegetable seed oil-based product may be used in place of a nonionic surfactant at 1-2 gallons/100 gallons of spray solution (1-2% v/v) to enhance weed control. Use a petroleum-based crop oil concentrate with at least 14% emulsifiers/surfactant and 80% oil.

#### IMPORTANT PRECAUTIONS

Seedling disease, nematodes, cold weather, deep planting (more than 2"), excessive moisture, high sail concentration, and/or drought may weaken cotton seedlings and increase the possibility of crop injury. Cotton resumes normal growth once favorable growing conditions return.

#### RESTRICTIONS:

- DO NOT apply later than 14 days before planting cotton, corn, soybeans, or grain sorghum.
- DO NOT apply after planting field corn, grain sorghum, rice, or soybeans.
- DO NOT allow livestock to graze on, or feed forage, hay, or straw from treated soybean fields.
- DO NOT make more than one pre-plant or at-planting application of this product to field corn, grain sorghum, rice, or soybeans per growing season.
- DO NOT apply more than 0.33 ounce (0.0155 lb. a.i. tribenuron-methyl/acre) of this product to rice, grain sorghum, field corn, or soybeans pre-plant or at-planting.

#### POST-HARVEST

This product may be used as a burndown treatment to crop stubble when the majority of weeds have emerged and are actively growing.

#### WEEDS CONTROLLED

*This product controls weeds up to 3" in height or diameter - fallow and pre-plant burndown when used according to directions:*

Black mustard	Hairy buttercup
Blue/purple mustard	Kochia**†
Bushy wallflower/Treacle mustard*	London Rocket
Canada thistle**	Marestail*
Coast fiddleneck	Mayweed chamomile/Stinking chamomile/dog fennel
Common Chickweed	( <i>Anthemis cotula L.</i> )**
Common Groundsel	Miners lettuce
Common lambsquarters	Pineappleweed
Common Purslane	Poison hemlock*

Corn, Gromwell** Corn spurry Cowcockle Curly Dock** Dandelion*** Dead nettle*** Early whitlowgrass False chamomile/Wild chamomile/Scentless chamomile ( <i>Matricaria maritima L.</i> ) Field pennycress Flixweed	Prickly lettuce***† Redroot pigweed Russian thistle***† Shepherd's purse Slimleaf lambsquarters Smallseed falseflax Tansymustard Tarweed fiddleneck Tumble/Jim hill mustard** Wild mustard
<b>WEEDS PARTIALLY CONTROLLED*</b>	
This product partially controls the following weeds when used according to label directions:	
Annual sowthistle Common cocklebur Common sunflower (volunteer)** Common vetch** Hairy nightshade Hairy vetch** Henbit	Pennsylvania smartweed Prostrate knotweed Redmaids Wild buckwheat Wild garlic Wild radish**

\*Partially controlled weeds exhibit a visual reduction in numbers as well as a significant loss of vigor. For better results use 0.25 ounce per acre (0.0117 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) and include a tank mix partner such as 2,4-D, MCP, bromoxynil (such as "Buctril", "Bison", "Bronate" or "Bronate Advanced", or dicamba (such as "Banvel"/"Clarity"). Refer to the "TANK MIXTURES" section of this label.

\*\*See the specific Weed Problems section of this label for more information.

\*\*\*2,4-D LVE addition required.

†Naturally occurring resistant biotypes of kochia, prickly lettuce and Russian thistle are known to occur. See the "TANK MIXTURES" and "SPECIFIC WEED PROBLEMS" sections of this label for additional details.

#### FOR VEGETATION BURNDOWN

This product may be applied for burndown of the emerged weeds listed below in the "WEEDS CONTROLLED AND WEEDS PARTIALLY CONTROLLED" sections.

#### RATES AND ADJUVANTS

- Apply this product at 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre). Use the higher rate for denser populations or where weeds are approaching the maximum size.
- Add a spray adjuvant (See Surfactants)

#### TANK MIXTURES

- Addition of a minimum of 0.50 pound active ingredient per acre of 2,4-D LVE ester (e.g., 1 pint of a 4 lbs./gal. 2,4-D LVE formulation) is recommended for best results and required for burndown of some weeds.
- This product may be mixed with one or more other suitably registered herbicides such as, but not limited to simazine and glyphosate for expanded weed size, weed spectrum, or to add residual control. Read and follow all manufacturers label instructions for the companion herbicide. If those instructions conflict with this label, do not tank mix the herbicide with this product.

#### APPLICATION EQUIPMENT AND SPRAY VOLUMES

Apply uniformly by ground equipment using a properly calibrated fixed boom sprayer. For burndown applications of existing vegetation, use with spray nozzles that provide thorough coverage of the weeds.

<b>WEEDS CONTROLLED - UP TO 3" IN HEIGHT OR DIAMETER</b>	
Black mustard Blue/purple mustard Bushy wallflower/Treacle mustard Canada thistle Common chickweed Common groundsel Common lambsquarters Common purslane False chamomile Field pennycress Hairy buttercup Marestail* Mayweed chamomile (dog fennel) Miner's lettuce Pineappleweed	Poison hemlock* Prickly lettuce ** Purslane speedwell Russian thistle Shepherd's purse ** Slimleaf lambsquarters Small-flower buttercup Smallseed falseflax Tansymustard Tarweed fiddleneck Tumble/Jim hill mustard Wild chamomile Wild mustard Wild parsnip*
*2,4-D LVE addition required	

**2,4-D LVE addition recommended	
<b>WEEDS PARTIALLY CONTROLLED*** - UP TO 3" IN HEIGHT OR DIAMETER</b>	
Annual sowthistle	Prostrate knotweed
Common sunflower (volunteer)	Redroot pigweed
Common vetch	Redmaids
Hairy vetch	Wild buckwheat
Hairy nightshade	Wild garlic
Pennsylvania smartweed	Wild radish
***Partially controlled weeds exhibit a visual reduction in numbers as well as a significant loss of vigor.	

**SPRAY ADJUVANTS**

Include a spray adjuvant with applications of this product. In addition, an ammonium nitrogen fertilizer may be used. Consult your Ag dealer or applicator prior to using an adjuvant system. If another herbicide is tank mixed with this product, select adjuvants authorized for use with both products. Products must contain only EPA-exempt ingredients (40 CFR 1001).

**Nonionic Surfactant (NIS)**

- Apply 0.06 to 0.50% volume/volume (2 to 4 pints per 100 gallons of spray solution)
- Surfactant products must contain at least 60% nonionic surfactant with a hydrophilic/lipophilic balance (HLB) greater than 12. See the **Tank Mixtures** section of this label for additional information.

**Crop Oil Concentrate (COC) Petroleum or Modified Seed Oil (MSO)**

- Apply at 1% volume/volume (1 gallon per 100 gallons spray solution) or 2% volume/volume under arid conditions.
- Oil adjuvants must contain at least 80% high quality petroleum (mineral) or modified vegetable seed oil with at least 15% surfactant emulsifiers.

**Special Adjuvant Types**

- Combination adjuvant products may be used at doses that provide the required amount of NIS, COC, MSO and/or ammonium nitrogen fertilizer. Consult product literature for use rates and restrictions.
- In addition to the adjuvants specified above, other adjuvant types may be used if they provide the same functionality and have been evaluated and approved by Rotam.

**Ammonium Nitrogen Fertilizer**

- Use 2 quart/acre of a high-quality urea ammonium nitrate (UAN), such as 28%N or 32%N, or 2 pound/acre of a spray-grade ammonium sulfate (AMS). Use 4 quart/acre UAN or 4 pound/acre AMS under arid conditions.

**GROUND APPLICATION**

For optimum spray distribution and thorough coverage, use flat-fan or low-volume flood nozzles.

- For best performance, select nozzles and pressure that deliver MEDIUM spray droplets.
- Nozzles that deliver COARSE spray droplets may be used to reduce drift, provided spray volume is increased to maintain coverage on small weeds. For optimal product performance and minimal spray drift, adjust the spray boom to the lowest possible spray height listed in manufacturers' specifications.
- Overlaps or starting, stopping, slowing, and turning while spraying may result in crop injury.
- For flat-fan nozzles, use a spray volume of at least 5 gallon per acre (GPA).
- For flood nozzles on 30" spacing, use flood nozzles no larger than TK10 (or the equivalent), a pressure of at least 30 psi and a spray volume of at least 10 GPA only. For 40" nozzle spacing, use at least 13 GPA; for 60" spacing use at least 20 GPA. It is essential to overlap the nozzles 100% for all spacings.
- "Raindrop RA" nozzles are not recommended for this product's application, as weed control performance may be reduced.
- Use screens that are 50-mesh or larger.

For application in California refer to the "**CALIFORNIA APPLICATION REQUIREMENTS FOR PROTECTION OF SENSITIVE CROPS**" section of this label for specific ground application requirements.

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**FOR SPRINKLER CHEMIGATION WITH THIS PRODUCT AND BROMOXNYL CONTAINING HERBICIDES (SUCH AS "BISON", "BRONATE" OR "BRONATE ADVANCED") FOR POSTEMERGENCE WEED CONTROL IN WINTER & SPRING WHEAT & SPRING BARLEY IN IDAHO**


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This product may be used in combination with bromoxynil containing herbicides (such as "Bison", "Bronate" or "Bronate Advanced"), for use in fall-seeded wheat, spring seeded barley and spring seeded wheat when applied through sprinkler irrigation systems in the State of Idaho.

**HOW TO USE**

Use 0.25 ounce per acre (0.0117 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) in combination with bromoxynil containing herbicides at 3 to 6 ounce active ingredient per acre (such as "Bronate" or "Bison" at 0.75 to 1.5 pints per acre). Apply to wheat and barley after the 3-leaf stage but before the flag leaf is visible. Make only one chemigation application of this tank mixture per crop year. For best results, apply to broadleaf weeds up to the 4-leaf stage, or 2 inches in height or 1 inch in diameter, whichever comes first. Consult this product's and bromoxynil containing herbicides package labels for a list of weeds controlled or suppressed.



**SPRINKLER IRRIGATION APPLICATION**

Apply this tank mix through sprinkler irrigation systems including center pivot, lateral move, side (wheel) roll, solid set or hand move irrigation systems only. Do not apply these herbicides through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts. Do not connect an irrigation system (including greenhouse systems) used for this product's application to any 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. The sprinkler chemigation 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, which 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 system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

**SPECIFIC REQUIREMENTS FOR APPLICATION THROUGH SPRINKLER IRRIGATION SYSTEMS**

1. In center pivot and continuous lateral move systems, this product + bromoxynil containing herbicides should be applied continuously for the duration of the water application. In solid set systems, application of the tank mix should be made during the last 30 to 45 minutes of the irrigation.
2. Set the sprinkler system to deliver approximately 0.5 inch or less of water per acre for best product performance.
3. Fill the supply tank with half of the water amount desired, add this product, and agitate it well. Add the bromoxynil containing herbicide and then add the remaining water amount with agitation. Bromoxynil containing herbicides require a dilution with at least 4 parts water to 1 part bromoxynil containing herbicide.
4. Agitation is recommended in the pesticide supply tank when applying this tank mix.
5. Inject this product + bromoxynil containing herbicide solution at least 8 feet ahead of a right angle turn of irrigation pipe to insure adequate mixing. Allow sufficient time for the herbicide mixture to be flushed through the lines before turning off irrigation water.
6. Follow both this product and bromoxynil containing herbicide label instructions for spray tank cleanout both before and after application. Flush lines with clean water following application.
7. Do not apply when wind speed favors drift beyond the area intended for treatment. Avoiding spray drift is the responsibility of the applicator.

**AERIAL APPLICATION**

Use nozzle types and arrangements that provide optimum spray distribution and maximum coverage at 2 to 5 GPA.

Use at least 2 GPA. In Idaho, Oregon and Utah use at least 3 GPA. Do not apply this product by air in the State of New York. See the "SPRAY DRIFT MANAGEMENT" section of this label.

**PRODUCT MEASUREMENT**

This product can be measured using a volumetric measuring cylinder. For more precise measurement, use scales calibrated in ounces.

**TANK MIXTURES**

This product may be tank mixed with other suitable registered herbicides to control weeds listed as partially controlled, weeds resistant to this product, or weeds not listed under "WEEDS CONTROLLED AND WEEDS PARTIALLY CONTROLLED" sections of this label.

**TANK MIXTURES IN FALLOW**

This product may be used as a fallow treatment, and should be tank mixed with other herbicides that are registered for use in fallow, including glyphosate (such as GLYFOS), "Landmaster II", "Fallow Master", "RT Master", glyphosate plus 2,4-D (ester formulations work best), glyphosate plus dicamba (such as "Banvel"/"Clarity"), 2,4-D (ester formulations work best), or dicamba (such as "Banvel"/"Clarity") alone.

**TANK MIXTURES IN PRE-PLANT BURNDOWN APPLICATIONS**

This product may be used as a pre-plant burndown treatment alone or tank mixed with other herbicides that are registered for use as a pre-plant burndown product, including glyphosate (such as GLYFOS), "Landmaster II", "Fallow Master", "RT Master", glyphosate plus dicamba (such as "Banvel"/"Clarity") or dicamba (such as "Banvel"/"Clarity") alone.

**TANK MIXTURES IN POST-HARVEST APPLICATIONS**

This product may be used as a post-harvest treatment to crop stubble and should be tank mixed with other herbicides that are registered for use in fallow.

**THIS PRODUCT PLUS "GOLDSKY," "EVEREST," OR "RIMFIRE MAX" FOR SUPPRESSION OF YELLOW AND GREEN FOXTAIL IN WHEAT IN NORTH DAKOTA, SOUTH DAKOTA, MINNESOTA, AND MONTANA**

Use this product at 0.25 ounce per acre (0.0117 lb. a.i. tribenuron-methyl/acre) to 0.33 oz./A (0.0155 lb. a.i. tribenuron-methyl/acre). This product can be tank mixed with "Goldsky," "Everest," or "Rimfire Max" for yellow and green foxtail suppression in wheat.

**Surfactants**

Unless otherwise specified, add a nonionic surfactant having at least 80% active ingredient at 1 to 2 qts. per 100 gals. of spray solution (0.25 to 0.5% v/v) when this product is used in a tank mix with "Goldsky," "Everest," or "Rimfire Max". Antifoaming agents may be used if necessary. Do not use low rates of liquid nitrogen fertilizer solution as a substitute for surfactant.

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**SPECIFIC WEED PROBLEMS**


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**Canada Thistle:** For best results, apply 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) when all thistles are 4" to 8" tall with 2" to 6" of new growth. Make the application in the spring.

**Corn Gromwell:** For best results, apply 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) in combination with 2,4-D or MCP (refer to the "**TANK MIXTURES**" section of this label).

**Curly Dock:** For best results, apply 0.25 ounce per acre (0.0117 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) in combination with 2,4-D or MCP (refer to the "**TANK MIXTURES**" section of this label).

**Kochia:** Naturally occurring biotypes resistant to this product are known to occur. For best results, use this product in a tank mixture with Starane, Starane + Salvo, Starane + Sword, dicamba (such as "Banvel"/"Clarity") and 2,4-D or MCP (ester or amine) or bromoxynil containing products (such as "Buctril", "Bison", "Bronate", or "Bronate Advanced").

This product should be applied in the spring when kochia are less than 2" tall and are actively growing (refer to the "**TANK MIXTURES**" section of this label for additional details on rates and restrictions).

**Mayweed Chamomile/Stinking Chamomile/Dog Fennel:** For best results apply 0.25 ounce per acre (0.0117 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre).

**Russian Thistle, Prickly Lettuce:** Naturally occurring weed biotypes resistant to this product are known to occur. For best results, use this product in a tank mixture with dicamba (such as "Banvel"/"Clarity") and 2,4-D or MCP (ester or amine) or bromoxynil containing products (such as "Buctril", "Bison", "Bronate", or "Bronate Advanced"). This product should be applied in the spring when Russian thistle and prickly lettuce are less than 2" tall or 2" across and are actively growing (refer to the "**TANK MIXTURES**" section of this label for additional details on rates and restrictions).

**Tumble/Jim Hill Mustard:** For best results, apply 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) in combination with 2,4-D or MCP (refer to the "**TANK MIXTURES**" section of this label).

**Vetch (Common and Hairy):** For best results, apply 0.25 to 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) when vetch is less than 6" in length. For severe infestations of vetch, or when vetch is greater than 6" in length, apply this product in combination with 2,4-D or MCP (refer to the "**TANK MIXTURES**" section of this label).

**Wild Radish:** For best results, apply 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) - 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre), plus 0.26 to 0.375 pound active ingredient per acre MCP, plus 0.25% v/v nonionic surfactant (1 quart per 100 gallons of spray solution) to wild radish rosettes less than 6" diameter. Make the application either in the fall or spring. Applications made later than 30 days after weed emergence will result in partial control. Fall applications should be made before plants harden-off.

**SU/IMI Tolerant Volunteer Sunflowers:** Varieties resistant to SU and IMI products (like this product, "Beyond", "Pursuit", "Raptor") are under development. For best results, use this product in a tank mix with Starane, Starane + Salvo, Starane + Sword, dicamba (such as "Banvel"/"Clarity") and 2,4-D or MCP (ester or amine), or bromoxynil containing products (such as "Buctril", "Bison", "Bronate", or "Bronate Advanced").

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**FOR IMPROVED CONTROL OF NARROWLEAF HAWKSBEARD**


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This product may be in a tank mix with glyphosate or 2,4-D for post-emergence control of up to 3" narrowleaf hawksbeard.

**Post-Harvest, Fallow, and Pre-plant**

This product may be used at rate of 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre) in a tank mix with 1 to 2 pints of glyphosate per acre (4 pounds per gallon formulation or equivalent) for post-emergence control of narrowleaf hawksbeard. Application can be made post-harvest, fallow, and/or as a pre-plant burndown. Sequential treatments of this product may be made provided the total amount during the post-harvest to pre-plant period does not exceed 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre).

The addition of nonionic surfactant or crop oil may improve weed control since glyphosate products differ in their adjuvant contents. See glyphosate label for specific recommendations. This product plus glyphosate may be tank mixed with other suitable registered herbicides such as 2,4-D or dicamba.

#### After Wheat Emergence

This product may be used at rate of 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce per acre (0.0155 lb. a.i. tribenuron-methyl/acre) in tank mix with 2,4-D for post-emergence control of narrowleaf hawksbeard. Add 2,4-D at 0.25 to 0.375 pound active ingredient per acre (such as 0.50 to 0.75 pint of a 4 pounds/gallon product or 0.3 to 0.5 pint of a 6 pounds/gallon product). Apply this tank mix only in the spring when the wheat is fully tillered and before the jointing stage. Surfactant may be added to the mixture at 0.5 to 1 quart per 100 gallons of spray solution (0.125 to 0.25%); however, adding surfactant may increase the potential for crop injury, especially at the higher 2,4-D rates. This product plus 2,4-D may be tank mixed with other suitable registered herbicides.

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#### FOR WEED CONTROL IN GRASS GROWN FOR SEED ONLY IN THE STATES OF IDAHO, OREGON, WASHINGTON, AND UTAH

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This product may be used for selective post-emergence control/suppression of certain broadleaf weeds in seedling and established stands of bentgrass, bluegrass, annual ryegrass, orchardgrass, tall fescue, and fine fescue grown for seed.

This product may be used on seedling and established perennial ryegrass providing user accepts all risk of possible crop injury and/or reduced seed yield. See the "USE RATES" section of the EPA approved label. This product may cause temporary yellowing and stunting of grass. Best results are obtained when this product is applied to young, actively growing weeds. The degree of control and duration of effect are dependent on the rate used, sensitivity and size of target weeds and environmental conditions at the time of and following application.

#### Precautions:

Certain varieties of grass may be sensitive to this product. When using this product for the first time on a particular variety, limit use to one 10 ounce container.

#### BENTGRASS, BLUEGRASS, ANNUAL RYEGRASS, ORCHARDGRASS, FINE FESCUE AND TALL FESCUE

**Seedling Stands:** For best results, apply this product in a tank mix with another suitable broadleaf herbicide. For use on annual ryegrass, orchard grass, tall fescue, and fine fescue, apply at 0.17 ounce/acre (0.0080 lb. a.i. tribenuron-methyl/acre) after stand is in 4-leaf stage. For use on bentgrass, apply at 0.17 ounce/acre (0.0080 lb. a.i. tribenuron-methyl/acre) after stolens are 3 to 5 inches across. For use on bluegrass, apply at 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce/acre (0.0155 lb. a.i. tribenuron-methyl/acre) after stand is in 4-leaf stage.

**Established Stands:** For stands that have been established for at least one growing season (fall or spring), apply this product at 0.17 ounce per acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce/A (0.0155 lb. a.i. tribenuron-methyl/acre) in a tank mix with another suitable broadleaf herbicide. Use the higher rate for larger weeds and hard to control weeds like wild carrot. Apply prior to jointing.

#### PERENNIAL RYEGRASS

Perennial ryegrass is more sensitive to this product than other grass species. Crop injury in the form of stunting and possible reduced seed yield may occur. To minimize the risk of crop injury, use the 0.17 ounce/acre (0.0080 lb. a.i. tribenuron-methyl/acre) rate and always use either 2,4-D or dicamba and liquid nitrogen with this product.

**Seedling Stands:** Apply this product at 0.17 ounce/acre (0.0080 lb. a.i. tribenuron-methyl/acre) in a tank mix with another suitable broadleaf herbicide after grass is in 5- to 6-leaf stage.

**Established Stands:** For stands that have been established for one growing season (fall or spring) apply this product at 0.17 ounce/acre (0.0080 lb. a.i. tribenuron-methyl/acre) to 0.33 ounce/acre (0.0155 lb. a.i. tribenuron-methyl/acre) in a tank mix with another suitable broadleaf herbicide. Apply prior to jointing. **Note:** The 0.33 ounce rate (0.0155 lb. a.i. tribenuron-methyl/acre) of this product must be used only for the control or suppression of problem weeds like wild carrot where the benefit of weed control can be offset by possible crop injury including possible yield reduction.

#### Tank Mixtures

Always use this product in a tank mix with another broadleaf herbicide such as 2,4-D, MCP or dicamba as these herbicides safen the effects of this product on grasses while improving weed control performance on most broadleaf weeds. Testing has shown that 2,4-D and dicamba are more effective in tank mix with this product than MCP. The addition of liquid fertilizer is also recommended. See "WITH LIQUID NITROGEN SOLUTION FERTILIZER" section of the label. Use a minimum of 1/4 to 1/2 lb. a.i./A of 2,4-D or MCP (8 to 16 fluid ounces of 4 lbs./gal. product).

Use a minimum of 1/8 to 1/4 lb. a.i./A of dicamba (such as 4 to 8 fluid ounces of "Banvel" or "Clarity").

#### Liquid Fertilizer

This product can be applied with liquid fertilizers. Liquid fertilizers (20%, 28%, 32% N at a minimum of 4 gallons/100 gallons of spray solution) enhance the performance of this product and improve crop safety. Always use a surfactant and another broadleaf herbicide when using liquid fertilizer with this product.

**FOR WEED CONTROL IN NON-FOOD/NON-FEED GRASS GROWN FOR SEED PRODUCTION ONLY IN THE STATE OF MINNESOTA**

This product is for use on selective post-emergence control/suppression of certain broadleaf weeds in seedling and established stands of bluegrass and timothy grown for seed. This product may be used on seedling and established perennial ryegrass providing user accepts all risks of possible crop injury and/or reduced seed yield. See **"USE RATES"** portion. This product may cause temporary yellowing and stunting of grass. Best results are obtained when this product is applied to young, actively growing weeds. The degree of control and duration of effect are dependent on the rate used, sensitivity and size of target weeds and environmental conditions at the time of the following application.

**Note:** Certain varieties of grass may be sensitive to this product. When using this product for the first time on a particular variety, limit use to one 10 ounce container.

**BLUEGRASS AND TIMOTHY**

**Seedling Stands:** For best results apply this product in a tank mix with another suitable broadleaf herbicide. For use on timothy, apply at 0.17 oz./A (0.0080 lb. a.i. tribenuron-methyl/acre) after stand is in the 4- to 5-leaf stage. Always use in a tank mix with 2,4-D at 1/2 lb. a.i./A (1 pint of 4 lbs./gal. product). For use on bluegrass, apply at 0.10 oz./A (0.0047 lb. a.i. tribenuron-methyl/acre) to 0.25 oz./A (0.0117 lb. a.i. tribenuron-methyl/acre) after stand is in the 4-leaf stage.

**Established Stands:** For stands that have been established for at least one growing season (fall or spring), apply this product at 0.10 oz./A (0.0047 lb. a.i. tribenuron-methyl/acre) to 0.33 oz./A (0.0155 lb. a.i. tribenuron-methyl/acre) in a tank mix with another suitable broadleaf herbicide. Apply prior to jointing. For application on timothy, limit maximum use rate of 0.25 oz./A (0.0117 lb. a.i. tribenuron-methyl/acre) of this product and always use in a tank mix with 2,4-D at 1/2 lb. a.i./A (1 pint of 4 lbs./gal. product).

**PERENNIAL RYEGRASS**

Perennial ryegrass is more sensitive to this product than other grass species. Crop injury in the form of stunting and possible reduced seed yield may occur. To minimize the risk of crop injury, use the 0.10 oz./A (0.0047 lb. a.i. tribenuron-methyl/acre) rate and always use either 2,4-D or "Clarity" and liquid nitrogen with this product.

**Seedling Stands:** For best results apply this product in a tank mix with another suitable broadleaf herbicide at 0.10 oz./A (0.0047 lb. a.i. tribenuron-methyl/acre) after grass is in the 5- to 6-leaf stage.

**Established Stands:** For stands that have been established for at least one growing season (fall or spring), apply this product at 0.10 oz./A (0.0047 lb. a.i. tribenuron-methyl/acre) to 0.25 oz./A (0.0117 lb. a.i. tribenuron-methyl/acre) in a tank mix with another suitable broadleaf herbicide. Apply prior to jointing.

**Tank Mixtures**

Always use this product in a tank mix with another broadleaf herbicide such as 2,4-D, MCP or dicamba as these herbicides safen the effects of this product on grasses while improving weed control performance on most broadleaf weeds. Testing has shown that 2,4-D, "BANVEL", and "CLARITY" provide the best overall weed control in a tank mix with this product. However, 2,4-D at 1/2 lb. a.i./A provides the best crop safening effects. The addition of liquid fertilizer is also recommended. See **"WITH LIQUID NITROGEN SOLUTION FERTILIZER"** section of the label. Use a minimum of 1/4 to 1/2 lb. a.i./A of 2,4-D or MCP (8 to 16 fluid ounces of 4 lbs./gal. product). Use a minimum of 1/16 to 1/4 lb. a.i./A of dicamba (such as 2 to 8 fluid ounces of "Banvel" or "Clarity").

**Liquid Fertilizer**

This product can be applied with liquid fertilizers. Liquid fertilizers (20%, 28%, 32% N at a minimum of 4 gallons/100 gallons of spray solution) enhance the performance of this product and improve crop safety. Always use a surfactant and another broadleaf herbicide when using liquid fertilizer with this product.

**WEEDS CONTROLLED**

The following weeds are controlled or suppressed:

White cockle  
Nightflowering catchfly

**WEEDS PARTIALLY CONTROLLED OR SUPPRESSED\***

Canada thistle

\***Partial Control or Suppression:** A visual reduction in weed competition (reduced stand and/or vigor) compared to an untreated area.

**Surfactant**

Always use a nonionic surfactant of at least 80% active ingredient at a rate of 0.25% volume/volume (1 quart per 100 gallons of spray solution).

**Restrictions:**

- Do not apply more than 0.33 ounce of this product per acre (0.0155 lb. a.i. tribenuron-methyl/acre) per growing season.
- Do not graze or cut for hay, or feed associated by-products to livestock, after application.
- Make last application of this product at least 60 days prior to harvest of grass seed.
- Do not apply this product in a tank mix with organophosphate insecticides as severe crop injury may occur.

- Do not apply to grass that is under stress from severe weather conditions, drought, low fertility, water saturated soil, disease, or insect damage, as crop injury may result.
- Do not apply to Bermudagrass.

**Precautions:**

- Under certain conditions such as prolonged cool weather (daily high temperatures less than 50°F just prior to or soon after treatment), temporary yellowing and/or crop stunting may occur.
- The use of methylated seed oil (MSO) or crop oil is not recommended with this product on grass seed crops as these adjuvants may produce unsatisfactory crop injury.

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**FOR BUNCHBERRY CONTROL IN LOWBUSH BLUEBERRY ONLY IN THE STATE OF MAINE**


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This product may be used for selective post-emergence control/suppression of certain broadleaf weeds in lowbush blueberry (or also known as, wild blueberry). Apply this product at 0.53 ounce per acre (0.0248 lb. a.i. tribenuron-methyl/acre) to 0.66 ounce per acre (0.0309 lb. a.i. tribenuron-methyl/acre) in the fall after blueberry harvest, until a killing frost occurs, after which bunchberry control will not occur. This product applied earlier in the fall will result in increased blueberry cover and increased bunchberry control in the following year. The degree and duration of effect are dependent upon the rate used, sensitivity and size of the target weeds, and environmental conditions at the time and following application.

**Surfactant**

Always use a nonionic surfactant of at least 80% active ingredient at the rate of 0.25% volume/volume (1 quart per 100 gallons of spray solution).

**Restrictions:**

- Do not apply more than 0.66 ounce of this product per acre (0.0309 lb. a.i. tribenuron-methyl/acre) per growing season.
- Do not apply within 365 days of blueberry harvest.
- Do not apply this product in a tank mix with organophosphate insecticides as severe crop injury may occur.
- Do not apply to lowbush blueberry that is under stress from severe weather conditions, drought, low fertility, water saturated soil, disease, or insect damage, as crop injury may result.

**Precautions:**

- Under certain conditions such as prolonged cool weather (daily high temperature less than 50°F) or wide fluctuations in day/night temperatures just prior to or soon after treatment, temporary yellowing and/or crop stunting may occur.
- The use of methylated seed oil (MSO) or crop oil is not recommended with this product on grass seed crops as these adjuvants may produce unsatisfactory crop injury.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original container only. Do not contaminate water, other pesticides, fertilizer, food, or feed in storage. Store in a cool, dry place.

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

**CONTAINER DISPOSAL:**

[Nonrefillable plastic and metal containers (capacity equal to or less than 50 pounds)] **Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank and store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ROTAM AGROCHEMICAL COMPANY LIMITED or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ROTAM AGROCHEMICAL COMPANY LIMITED and Seller harmless for any claims relating to such factors.

ROTAM AGROCHEMICAL COMPANY LIMITED warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ROTAM AGROCHEMICAL COMPANY LIMITED, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH

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