Dry Flowable Herbicide
For control of certain grasses and broadleaf weeds.

ACTIVE INGREDIENT:
Metribuzin, 4-Amino-6-(1,1-dimethylthyl)-3-(methylthio)-1,2,4-triazin-5 (4H)-one 75%
INERT INGREDIENTS: 25%
TOTAL 100%

Stop - Read the label before use.
KEEP OUT OF REACH OF CHILDREN
CAUTION
EPA REG. NO. 34704-876
EPA EST. NO. 34704-MS-1
NET CONTENTS 5 LBS. (2.26 KG)

FIRST AID
If swallowed:
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

If on skin or clothing:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 to 20 minutes.
• Call a poison control center or doctor for treatment advice.

If in eyes:
• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8965.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note To Physician: Treat patient symptomatically.
Obtain prompt medical aid if poisoning should occur.

Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by breathing difficulties and sedation.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION
May be harmful if swallowed or absorbed through skin. Causes moderate eye irritation.

Personal Protective Equipment:
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA Chemical Resistant Category Selection Chart.

Applicators and other handlers must wear:
• Long-sleeved shirt and long pants
• Chemical-resistant gloves made of any waterproof material
• 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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d)(4)(ii), 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.

Do not contaminate feed or food. Keep out of reach of children.

ENVIRONMENTAL HAZARDS
For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when disposing of equipment washwater or rinsate.

Ground Water Advisory: Metribuzin is a chemical which can travel (seep or leach) through soil and can contaminate ground water which may be used as drinking water. Metribuzin has been found in ground water as a result of agricultural use. Users are advised not to apply metribuzin where the water table (ground water) is close to the surface, and where the soils are very permeable, i.e., well-drained soils such as loamy sands. Your local agricultural agencies can provide further information on the type of soil in your area and the location of ground water.

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 protections 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 Standards and that involves contact with anything that has been treated, such as plants, soil or water, is:
• Coversalls
• Chemical-resistant gloves, such as butyl rubber, or nitrile rubber, or neoprene rubber, or natural rubber
• Shoes plus socks.
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GENERAL INFORMATION
Mixing: When using this product, make sure the sprayer is completely clean, free of rust or corrosion which occurs from winter storage. Examine strainers and screens to be sure the sprayer is clean from previously used pesticides.

Any tank-mix containing this product should be kept agitated and sprayed out immediately. Do not allow tank-mixes to stand for prolonged periods of time.

The proper mixing procedure for Metribuzin 75 alone or in tank-mix combinations with other herbicides is:
1. Fill the spray tank ¾ to ½ full with clean water.
2. Add specified rate of this product while recirculating and with agitator running.
3. Follow the triple rinse procedure described under "Storage And Disposal" to ensure that all product is removed from the container.
4. Mix thoroughly and add clean water to fill spray tank to desired level.
5. Add the other herbicide to tank last and agitate thoroughly.
6. Continue agitation during application and until sprayer tank is empty.

Soil Texture: As used on this label, "Coarse soils" are loamy sand or sandy loam soils. "Medium soils" are loam, silt loam, silt, sandy clay, or sandy clay loam. "Fine soils" are silty clay, silty clay loam, clay, or clay loam. Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

GENERAL PRECAUTIONS AND RESTRICTIONS
Do not rotate any crop not listed on this label for 18 months following application.
Do not allow sprays to drift to or adjacent desirable plants.
Apply this product only as specified on this label.
Do not use on other crops grown for food or forage. Observe all cautions and limitations on labeling of all products used in mixtures.
For all uses: Low-pressure and high-volume hand-wand equipment is prohibited.

CHEMIGATION
This product may be used for application through sprinkler irrigation equipment to potatoes, soybeans, tomatoes, and asparagus as directed on this label. Refer to the crop sections of this label for rates, weeds controlled or suppressed, restrictions and special precautions.
Apply this product only through sprinkler (including center pivot, lateral move, or solid set) irrigation systems. Do not apply this product through any other type of irrigation system.
Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water.

Calibration: (Center Pivot and Self-Propelled Lateral Move Systems): Sprinkler irrigation systems must be accurately calibrated for application of this product. Greater accuracy in calibration (and distribution) will be achieved by injecting a larger volume of a more dilute mixture of product and water per hour. Follow the steps below to calibrate center pivot and lateral move systems:
1. Determine number of minutes required to make one complete revolution while applying ⅛ to ¼ inch of water per acre.
2. With the system at operating pressure determine the exact number of minutes required to inject one gallon of water.
3. Divide the time required for one revolution (step 1) by the time required to inject one gallon (step 2).
4. Add required amount of water to nurse tank and start the agitation system. Then add this product at the appropriate rate (see Broadcast Applications) to the nurse tank.

Example: If 30 hours (1200 minutes) were required for one revolution and if 2 minutes were required to inject one gallon, then a total of 600 gallons of product-water mixture are required (1200/2=600) to treat 1.5 acres at ½ gallon, 90.5 lbs of this product are required.

If you have questions about calibration, you should contact State Extension Service Specialists, equipment manufacturers or other experts.
Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

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 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 backflow.
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 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.

Maintain continuous agitation in the injection nurse tanks during the herbicide application, sufficient to keep herbicide in suspension.

Applied specified dosage in ¼ to ½ inch of water (¼ to ½ inch of water on sandy soils) per acre as a continuous injection in center pivot and lateral move systems or in the last 15 to 30 minutes of set in permanent solid set sprinkler systems. Application of more than the quantity of irrigation water listed on this label may result in decreased product performance by removing the chemical from the zone of effectiveness. Where sprinkler distribution patterns do not overlap sufficiently unacceptable weed control may result. Where sprinkler distribution patterns overlap excessively, crop injury may result. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. To ensure that lines are flushed and free of remaining pesticide, an indicator dye may be injected into the lines to mark the end of the application period.

Use a minimum of 1 part water to 1 part herbicide for injection. The use of a larger volume of water will insure greater accuracy and more uniform distribution.

AERIAL DRIFT REDUCTION ADVISORY INFORMATION
Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.
The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.
1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downwards more than 45 degrees.
3. Where states have more stringent regulations, they should be observed.
4. The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information.

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

CONTROLLING DROPLET SIZE
• Volume - Use high flow rate nozzles to apply the highest practical spray volume.
• Pressure - Use the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
• Number of nozzles - Use the minimum number of nozzles that provide uniform coverage.
• Nozzle Orientation - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
• Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

BOOM LENGTH: For some use patterns, reducing the effective boom length to less than ¼ of the wingspan or rotor length may further reduce drift without reducing swath width.

APPLICATION HEIGHT: Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.
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Swaeth Adjustment: When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

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

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

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

Sensitive Areas: This product should only be applied when the potential for drift to adjacent sensitive areas is minimal (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

Application Of This Product With Herbicide Spray Equipment
Use a standard low-pressure (20 to 40 psi) herbicide boom sprayer equipped with suitable nozzles and screens no finer than 50 mesh in nozzle and in-line strainers. Agitate thoroughly before and during application with bypass agitation. Low pressure and high volume hand wand equipment is prohibited.

Ground Application: Apply the proper rate of this product in a minimum of 10 to 40 gallons of spray mixture per acre broadcast.

Banded Application: Use proportionally less of this product per acre in a band versus a broadcast application. For band application use 1/4 to 1 gallon of spray mix per inch of band width regardless of row spacing.

Examples: (1) To treat a 15-inch band on rows 30 inches apart, use one-half of the broadcast rate of this product. (2) To treat a 14-inch band on rows 42 inches apart, use one-third of the broadcast rate of this product.

Aerial Application: Where permitted, apply specified rate in a minimum of 2 to 10 gallons of spray mixture per acre. Do not apply aerially when wind speed is greater than 10 mph.

Note: Do not apply aerially when this product is tank-mixed with introx®.

For All Applications of Metribuzin 75: Sprayer must be accurately calibrated before applying this product. Check sprayer during application to be sure it is working properly and delivering a uniform spray pattern. As the volume of spray mixture decreases per acre, the importance of accurate calibration and uniform application increases. Avoid over application, misapplication, and boom and spray swath overlapping that will increase spray dosage. (Crop injury may occur as a result.) Avoid spray skips and gaps which allow weeds to grow in untreated soil. Do not apply when weather conditions favor spray drift and/or when sensitive or cool season crops, such as cole crops, onions, peas, or strawberries are present in adjacent fields or in areas where wheat is growing in coarse textured soils.

Sprayer Cleanup: Spray equipment must be thoroughly cleaned to remove remaining traces of herbicide that might injure other crops to be sprayed. Drain any remaining spray solution from the sprayer tank and dispose of according to label disposal instructions. Rinse the spray tank and refill with water, adding a heavy-duty detergent at the rate of one cup per 20 gallons of water. Use this mixture through the equipment for 5 minutes and spray out. Repeat this procedure twice. Fill the spray tank with clean water, recycle for 5 minutes, and spray out. Clean pump and nozzle screens thoroughly. Wash away any spray mixture from the outside of spray tank, nozzles or spray rig. All rinse water must be disposed of in compliance with local, state, and Federal guidelines.

Application Of Metribuzin 75 In Fluid Fertilizers
This product may be applied in fluid fertilizer solutions to alfalfas and soybeans by following the appropriate mixing procedures and compatibility check. When using tank-mix combinations, be sure all components are compatible.

Compatibility Check: If this product and tank-mix combinations which include this product should be made for each batch of fluid fertilizer because of the variability of these fertilizers.

Product Compatibility Check:
1. Pre-mix 2 teaspoonsful of this product with 8 teaspoonsful of water (1:4 ratio) in a quart jar by adding the water first and follow with this product. Mix thoroughly. If a second herbicide is to be used, double the amount of water (1:8 ratio) and add the second herbicide after mixing this product first.
2. Then pour 1 pint of fluid fertilizer into the quart jar and shake well.
3. Allow to stand for 5 minutes.

This Compatibility Check Should Only Be Used When Misting With Fluid Fertilizers.

Interpretation of Results: If the solution in the jar appears to be uniform, without signs of agglomeration, or without a separation of an oily film on top of the fertilizer, the mixture may be used. If not, repeat the compatibility check using twice the amount of water or add a compatibility agent to the water. If separation occurs, the mixture can be resuspended by shaking, then application is possible with good agitation in the spray tank.

Tank-Mixing Guidelines:
1. Add the required amount of water and compatibility agent (if required) to the tank. Start agitation system while adding this product and follow by adding the fluid fertilizer and agitate.
2. If a second herbicide is to be used, follow as above in 1, but use twice the amount of water. Start agitation, add Metribuzin 75 and follow by adding the second herbicide, and then continue filling the tank with fluid fertilizer.
3. Maintain continuous agitation to assure uniform spray mixture until the tank is emptied.

Commercial Improvement And Application Of Metribuzin 75 On Dry Bulk Fertilizer
Dry bulk fertilizer may be impregnated or coated with this product for application to established alfalfas and to soybeans. All directions, cautions, and special precautions on this label must be followed along with state regulations relating to dry bulk fertilizer blending, impregnating and labeling.

Impregnation: To impregnate, use a system consisting of a belt, conveyor, or closed drum which is used for dry bulk fertilizer blending. Any commodity used fertilizer can be impregnated with this product except ammonium nitrate, or fertilizers containing ammonium nitrate, potassium nitrate, or sodium nitrate. Do not use on powder limestone.

Apply using a minimum of 200 lb dry bulk fertilizer per acre and up to a maximum of 450 lb per acre. To impregnate or coat dry bulk fertilizer, mix this product with sufficient water to form a sprayable slurry. The delivery nozzles must be directed to deliver a fine spray toward the fertilizer for thorough coverage while avoiding spray contact with mixing equipment. Uniform impregnation of this product to dry bulk fertilizer will vary and if the absorbency is not adequate, an absorptive powder may be added to produce a dry, free-flowing mixture. Micro-Cel E (Johns Mansville Product Corporation) is the recommended absorbent powder. When another herbicide is used with this product, mix and impregnate immediately.

Apply immediately after impregnation unless experience has shown that impregnated fertilizer can be stored without becoming lumpy and difficult to spread.

Rates: Select the specified rate of this product per acre from the appropriate section of this label and refer to the formulas below to determine the amount of this product which is to be impregnated on a ton of dry bulk fertilizer based on the amount of fertilizer which will be distributed on one acre.

\[
\text{Lb Metribuzin 75 \times 2000 \text{ Lb Fertilizer}} = \text{Lb Metribuzin 75}
\]

Acre
Acre

Ton of Fertilizer

Application: Uniform application is essential for satisfactory weed control. Accurate calibration of fertilizer application equipment is essential for uniform distribution to the soil surface. Apply 1/3 the specified rate to avoid overlap 50 percent or to double apply by splitting the middle to obtain the best distribution pattern.

If fertilizer materials are excessively dusty, use diesel oil or other suitable additive to reduce dust prior to impregnation, as dusty fertilizer will result in poor distribution during application. Crop injury and/or poor weed control may occur where the impregnated fertilizer is not uniformly applied.

Incorporation And Combination Uses: When this product is to be used in combination with another herbicide, follow directions on this label for combinations, rates, crops, incorporation, and special precautions.

SOYBEANS (Except California)

Metribuzin 75 tank-mix combinations may be used for preplant incorporated applications, preemergence surface applications, Spot-Shot application and Extended Spot-Shot application. This product may also be used as an overlay application following a preplant incorporated application of a grass herbicide registered for this same use and alone as a pre-emergence surface application. All these applications can be applied with ground equipment, and some can be applied with aerial spray equipment in addition, this product can be applied as a postemergence directed spray to soybeans in certain states.
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Special Precautions (Soybeans): Injury to soybeans may occur when this product is used under the following conditions:

1. When soils have a calcareous surface area or a pH of 7.5 or higher.
2. Due to the sensitivity of certain soybean varieties, this product is not recommended for use on Acala, AP 55, AP 71, Asgrow 6520, Burson, Coker 102, Coker 156, Dassel, Gl 3202, Gowan, Maple Amber, NB 3065, NKS 1984, Pekins 350, Portage, Regal, Semmes, Terra-Vig 505, Terra-Vig 606, Tracy, Vansoy, and Vinton 81. Consult your Loveland Products, Inc. Representative or your seed supplier for more information on the tolerance to Metribuzin 75 of newly released soybean varieties, prior to use of this product.
3. When applied in conjunction with soil-applied organic phosphate pesticides.
4. Over application or improper incorporation may result in stand loss and soil residues.
5. Uneven application or improper incorporation can decrease the level of weed control and/or increase the level of injury.
6. When applied to any soil with less than 50% organic matter.
7. Soil incorporation deeper than recommended.
8. When sprayers are not calibrated accurately.
9. When heavy rains occur soon after application, especially in poorly drained areas where water may stand for several days.
10. When soybeans are planted less than 1 1/2 inches deep, particularly in pre-emergence application.

Activation: A minimum amount of soil moisture is required to activate this product. In areas of low rainfall, pre-emergence applications to dry soil should be followed with light irrigation of 1/4 acre-inch of water. Do not apply heavy irrigation immediately after application. With many surface-applied herbicides, weed control and crop tolerance may vary with rainfall and/or soil texture.

Grazing and Feeding Treated Vines: Treated vines may be grazed or fed to livestock 40 days after application when this product is applied alone or with Trifluralin, Dual® Lite, Steal™, or Intro.

Rate Ranges: Where a rate range is shown, use a lower rate on soils that are coarse-textured or low in organic matter. Use a higher rate on soils that are relatively fine-textured or high in organic matter.

Replanting: If replanting is necessary in fields treated with this product as directed on this label, the field may be replanted to soybeans. When replanting use a minimum of cultivation. Do not apply a second treatment to injury to soybeans may occur.

| WEEDS CONTROLLED BY METRIBIZUR 75 AND METRIBIZUR 75 HERBICIDE TANK-MIX COMBINATIONS |
|------------------|------------------|------------------|------------------|------------------|
| C = Control | S = Suppression or Erratic Control | P = Poor or No Control | D = No Information (Control may range from poor to excellent) |

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<tr>
<th>Annual Broadleaf Weeds</th>
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<td>Black Nightshade (Solanum nigrum)</td>
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<td>Wild Mustard (Brassica spp.)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Annual Grasses</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barnyardgrass (Echinochloa crus-galli)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Bluegrass (Festuca spp.)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Broadleaf Signalgrass (Brachiaria pinnata)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Browntop Millet (Panicum ramosum)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Crabgrass (Digitaria spp.)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Cowfoot (Dactyloctenium aegyptium)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Cupressus (Euphorbia grifithii)</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
<td>P</td>
</tr>
<tr>
<td>Foxtail (Setaria spp.)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Goosegrass (Eleusine indica)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
</tr>
<tr>
<td>Johnsongrass, Seedling (Sorghum halepense)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
</tr>
<tr>
<td>Junegrass (Echinochloa crus-galli)</td>
<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
</tr>
<tr>
<td>Knapweed (Centaurea cyanus)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
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<tr>
<td>Knapweed (Centaurea cyanus)</td>
<td>C</td>
<td>C</td>
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<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
</tr>
<tr>
<td>Knapweed, Fall (Centaurea cyanus)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
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<tr>
<td>Lush (Lactuca serriola)</td>
<td>C</td>
<td>C</td>
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<td>C</td>
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<tr>
<td>Purslane (Portulaca oleracea)</td>
<td>C</td>
<td>C</td>
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<td>C</td>
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</tr>
<tr>
<td>Red Root (Chrysanthemum)</td>
<td>C</td>
<td>C</td>
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<td>C</td>
<td>C</td>
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</tr>
<tr>
<td>Sandbur (Cenchrus spp.)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
</tr>
<tr>
<td>Shattuckia (Sorghum halepense)</td>
<td>C</td>
<td>C</td>
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<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
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</tr>
<tr>
<td>Sonchus, Volunteer (Sonchus spp.)</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
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<tr>
<td>Spotted Spurge (Euphorbia maculata)</td>
<td>C</td>
<td>C</td>
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<td>C</td>
<td>C</td>
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<td>C</td>
</tr>
<tr>
<td>Stargrass (Eragrostis spp.)</td>
<td>C</td>
<td>C</td>
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<td>C</td>
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<tr>
<td>Wheat, Volunteer (Triticum spp.)</td>
<td>C</td>
<td>C</td>
<td>C</td>
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<td>C</td>
<td>C</td>
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</tr>
<tr>
<td>Wild Mustard (Brassica spp.)</td>
<td>C</td>
<td>C</td>
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</tbody>
</table>

| WEEDS CONTROLLED BY METRIBIZUR 75 AND METRIBIZUR 75 HERBICIDE TANK-MIX COMBINATIONS |
METRUBIZIN 75
EPA REG. NO. 34704-876

Metrubizin 75 Alone

Metrubizin 75 (Alone) Pre-emergence Application: The following rates of this product may be applied pre-emergence to soybeans through center pivot or lateral move sprinkler irrigation systems that apply water in a uniform manner. Refer to "Chemigation" section of this label for directions.

This product can be applied broadcast or banded. This application may be made during planting or as a separate operation after planting but before crop emergence. See the "General Information" section in the front of this label.

Do not apply to sands, or to sandy loam or loamy sand soils containing less than 2% organic matter. Do not incorporate into soil or apply more than once per season.

<table>
<thead>
<tr>
<th>Soil Texture (Sandy loam, loamy sand)</th>
<th>Organic Matter</th>
<th>Less than 2%</th>
<th>2 to 4%</th>
<th>Over 4%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse Soil</td>
<td>DO NOT USE</td>
<td>½</td>
<td>½</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medium Soil</th>
<th>Organic Matter</th>
<th>% to ½</th>
<th>½ to 5%</th>
<th>5% to 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Silty clay, clay loam)</td>
<td>DO NOT USE</td>
<td>½</td>
<td>½</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fine Soil</th>
<th>Organic Matter</th>
<th>% to ½</th>
<th>½ to 1%</th>
<th>1% to 1½%</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Silty clay, clay loam)</td>
<td>DO NOT USE</td>
<td>½</td>
<td>½</td>
<td></td>
</tr>
</tbody>
</table>

Mississippi Delta Only

1 For control of barnyardgrass, redroot pigweed and wild mustard, and for suppression of green, yellow and giant foxtails on alkaline (calcareous) soils in Nebraska, Minnesota, South Dakota and North Dakota only, apply this product at rates of 0.25 lb ai of medium soils and 0.1 to 0.25 lb ai on fine soils regardless of soil organic matter percentage (use 0.25 lb only when soil pH is less than 7.5 and weed pressure is heavy). The 0.25 lb ai rate of this product alone can be applied regardless of soil pH. For control of other weeds listed on this label use the product at full rates specified in the table above, but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.

2 Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

3 Refer to the appropriate section of this label for use of this product on soybeans in coarse soils with 0.5% or more organic matter in certain states.

Uses of Metrubizin 75 In Combination With Other Herbicides Sequential Application Of Scepter® Following Metrubizin 75

If needed, application of this product alone or in a registered tank-mix according to directions on this label, may be followed by an early postemergence application of Scepter.

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**SPLIT-SHOT APPLICATION**

Preplant Incorporated Tank-Mix Application - Followed By -

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Rate of Combination Product/Acre</th>
<th>Rate of Metrubizin 75 Lb/Acre</th>
<th>Preemergence Overlay Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse (Light) sand, loamy sand, sandy loam</td>
<td>Trifluralin HF 1 pt OR Intro 2 to 2½ qt OR Dual MAGNUM 80 - 1.0 pt OR Stealth 1¾ pt OR Sorbital 1-½ to 2 pt</td>
<td>½ to 1½ Followed By</td>
<td>Rate of Metrubizin 75 Lb/Acre</td>
</tr>
<tr>
<td>Medium loam, silt loam, sand clay loam, silt, sandy clay</td>
<td>Trifluralin HF 1 pt OR Intro 2-½ to 3 qt OR Dual MAGNUM 1 pt OR Stealth 1½ pt OR Sorbital 1 to 2½ pt</td>
<td>½ to 1½ Followed By</td>
<td>Rate of Metrubizin 75 Lb/Acre</td>
</tr>
<tr>
<td>Fine (Heavy) silt loam, clay loam, silty clay loam</td>
<td>Trifluralin HF 2 pt OR Intro 2½ to 3 qt OR Dual MAGNUM 1½ - 1½ pt OR Stealth 1½ to 2 pt OR Sorbital 3-½ to 3½ pt</td>
<td>½ to 2 Followed By</td>
<td>Rate of Metrubizin 75 Lb/Acre</td>
</tr>
</tbody>
</table>

---

1 On coarse textured soils, do not use on sand soils with less than 1% organic matter, or on loamy sand or sandy loam soils with less than 0.5% organic matter. However, on coarse textured soils with a pH of 7.5 or higher, do not use on sand soils with less than 2% organic matter, or on loamy soils with less than 1% organic matter.

2 Use this lower rate of this product in the preplant incorporated tank mix on soils having a calcareous surface area or a pH of 7.5 or higher, and in those situations where soils within a field vary extremely in texture or organic matter content.

3 Reduce this preemergence overlay rate of this product by 1/6 lb/aacre when using SPLIT-SHOT application on soils with over 4% organic matter and which have a calcareous surface area or a pH of 7.5 or higher.

Extended Split-Shot Application

(Includes No-Till, Reduced-Till, Ridge-Till, Strip-Till, Mulch-Till)

An early preplant (surface-applied or shallow incorporated) application of this product tank-mixed with either Dual MAGNUM or Intro, followed by a preemergence surface application of this product tank-mixed with Dual MAGNUM or Intro after planting but prior to soybean emergence, will control more broadleaf and grass weeds in soybeans than either herbicide used alone.

An Extended SPLIT-SHOT application will decrease the need for tillage and/or contact herbicides for the control of existing vegetation prior to planting, while providing residual control of weeds after planting.

When an Extended SPLIT-SHOT application of this product with Dual MAGNUM or Intro is used, the preplant tank-mix combination may be applied 15 to 30 days prior to planting soybeans. Follow directions on the label accompanying the product for SPLIT-SHOT applications from 0 to 14 days before planting.


**METRIBUZIN 75**  
EPA REG. NO. 34704-876

Where a rate range is specified, the higher rates should be used (a) in fields with a history of severe weed pressure, (b) when the time between early preplant tank-mix and pre-emergence overlay applications approaches the maximum 30 days, (c) when the organic matter content of the soil is at the upper end of the indicated range, (d) when heavy crop residues are present on the soil surface, and/or (e) when the early preplant tank-mix application is shallow incorporated (e.g. use 2 to 2 1/2 qt Intro in the early preplant tank-mix when surface applied and use 2 1/2 to 3 qt Intro when the tank-mix is to be lightly incorporated).

When weeds exceed 1 to 1 1/2 inches in height at time of application, use a contact herbicide, such as glyphosate (Mukazet™) or Gramoxone Inten™.

Refer to the Dual MAGNUM or Intro label, and to appropriate sections of this label for additional information on soil preparation, herbicide application, weeds controlled, precautions, restrictions, limitations and sprayer clean up.

### EXTENDED SPLIT-SHOT APPLICATION

**Early Preplant Tank Mix Application**  
(Surface-Applied or Shallow Incorporated)

<table>
<thead>
<tr>
<th>Soil Texture₁</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Coarse (Light)</strong></td>
</tr>
<tr>
<td>Sand, loamy sand, sandy loam</td>
</tr>
<tr>
<td>Rate of Combination Product/Acre Plus</td>
</tr>
<tr>
<td>Dual MAGNUM 68 pt or Intro 1 1/2 to 2 pt</td>
</tr>
<tr>
<td>Rate of Metribuzin 75 Lb/Acre Followed By</td>
</tr>
<tr>
<td>1/5 to 1/2</td>
</tr>
<tr>
<td>Rate of Metribuzin 75 Lb/Acre ORGANIC MATTER</td>
</tr>
<tr>
<td>2 to 4%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loam, silt loam, sandy clay loam, silt, sandy clay</td>
</tr>
<tr>
<td>Rate of Combination Product/Acre Plus</td>
</tr>
<tr>
<td>Dual MAGNUM 1 1/2 pt or Intro 2 to 3 qt</td>
</tr>
<tr>
<td>Rate of Metribuzin 75 Lb/Acre Followed By</td>
</tr>
<tr>
<td>1/2 to 1/2 ²</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fine (Heavy)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silt loam*, clay loam, silty clay, clay</td>
</tr>
<tr>
<td>Rate of Combination Product/Acre Plus</td>
</tr>
<tr>
<td>Dual MAGNUM 1 1/2 pt or Intro 2 to 3 qt</td>
</tr>
<tr>
<td>Rate of Metribuzin 75 Lb/Acre Followed By</td>
</tr>
<tr>
<td>1/2 to 1/2 ²</td>
</tr>
</tbody>
</table>

*Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

₁ On coarse textured soils, do not use on sand soil with less than 2% organic matter. In all cases, use the lower rate of this product in the early preplant tank-mix on soils having a surface-active area of a pH of 7.5 or higher, and in those rare situations where soils have a field very extremely in texture or organic matter content.

**Metribuzin 75 plus Sonalan**

**Metribuzin 75 plus Sonalan Overlay Application:** This product may be applied as a pre-emergence overlay application following a preplant incorporated application of Sonalan 3 EC. Consult the Sonalan label for specific directions on use, recommendations, restrictions and any additional weeds not specified on this label.

**Metribuzin 75 plus Sonalan Tank-mix Application:** Incorporate the tank-mix into the top 1 to 2 inches of soil within 2 days after planting. For specific application information, refer to the "Application under "General Information" section in the front of this label.

**Mixing:** Refer to the "General Information" section in the front of this label.

**Application:** Sonalan should be uniformly applied and thoroughly mixed into the soil within 2 days after planting. For specific application information, refer to the "Application under "General Information" section in the front of this label.

**Special Precautions (Metribuzin 75 plus Sonalan):** For additional precautions, restrictions, limitations, incorporation, and sprayer clean up information, refer to the appropriate sections of this label and the Sonalan label.

For black nightshade control, refer to the Sonalan label for specific rates and application instructions.

### BROADCAST RATES

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Metribuzin 75 Lb/Acre</th>
<th>Sonalan 3 EC Pt/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Coarse (Sandy loam, loamy sand)</strong></td>
<td>1/2</td>
<td>1-1/4 to 2</td>
</tr>
<tr>
<td><strong>Medium</strong> (Loam, silt loam, silt, sandy clay, sandy clay loam)</td>
<td>1/4</td>
<td>1-1/4 to 2</td>
</tr>
<tr>
<td><strong>Fine</strong> (Silty clay, silty clay loam, clay, clay loam)</td>
<td>1/4</td>
<td>2-1/4 to 3</td>
</tr>
</tbody>
</table>

₁ Do not use on coarse soils with less than 1% organic matter.

₂ Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

₃ For control of lambquarters, redroot pigweed, wild mustard, and green and yellow foxtail on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only, apply this product at rates of 1/2 lb/ac on medium soils and 1/2 to 3/4 lb/ac on fine soils regardless of soil organic matter percentage (use 1/2 lb/ac only where soil pH is less than 7.5 and weed pressure is heavy). The 1/2 rate of this product in tank mix combination with Sonalan can be applied regardless of soil pH.

For control of other weeds not listed on the label, use this product at full rates specified in the table above, but note that crop injury may occur on soils having a surface-active area or a pH of 7.5 or higher.

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**Metribuzin 75 plus Trifluralin HF**

**Metribuzin 75 and Trifluralin HF Overlay Application:** This product may be applied as a pre-emergence broadcast or band overlay application following a preplant incorporated treatment of Trifluralin HF. Consult the Trifluralin HF label for specific directions for use, recommendations, restrictions and any additional weeds not specified on this label.

**Metribuzin 75 plus Trifluralin HF Tank-mix Application:** A single application of a tank-mix combination of Metribuzin 75 and Trifluralin HF EC will control more broadleaf and grass weeds in soybeans than when either herbicide is used alone.

**Application:** For specific application information refer to the "General Information" section in the front of this label.

**Mixing:** Refer to the "General Information" section in the front of this label.

**Application:** For specific application information refer to the "General Information" section in the front of this label.

**Mixing:** Refer to the "General Information" section in the front of this label.

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**Application:** For specific application information refer to the "General Information" section in the front of this label.

**Mixing:** Refer to the "General Information" section in the front of this label.
1 Do not use on sand soils. Do not apply this product and Dual MAGNUM tank mix pre-emergence application on loamy sand with less than 2% organic matter.

2 Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

Special Precautions (Metribuzin 75 plus Trifurulin HF): Seeding disease, cold weather, excessive moisture, high soil concentration or drought may weaken soybean seedlings and increase possibility of damage from tank-mix. Do not plant soybeans deeper than 2 inches. Do not rotate any crop not listed on this label for 18 months following application.

In the Central United States, do not plant sorghum or oats for 12 months where the tank-mix has been applied unless 20 inches or more of irrigation and/or rainfall (total) was used to produce the crop. If less than 20 inches total water was used to produce the crop during the year, do not plant either crop for 18 months after the tank-mix application. Cold, wet weather conditions during the early stage of growth may increase the possibility of injury to sorghum.

For additional precautions, restrictions, limitations and sprayer clean-up information refer to the appropriate section of this label. Do not use this tank-mix combination on soils containing charcoal in Arkansas, Louisiana and Mississippi.

Metribuzin 75 plus Dual MAGNUM

Metribuzin 75 plus Dual MAGNUM Overray Application: Apply a preplant incorporated treatment of Dual MAGNUM as directed on that product label for use on soybeans. Follow with a pre-emergence treatment of this product as directed on this label for use on soybeans.

Metribuzin 75 plus Dual MAGNUM Tank-Mix Applications

Preplant Incorporated Application: Incorporate the tank-mixture into the top 2 inches of soil within 14 days before planting using a disk, harrow, rolling cultivator, or similar implement.

Apply Metribuzin 75 plus Dual MAGNUM preplant incorporated if furrow irrigation is used or when a period of dry weather after application is expected. If soybeans are planted on beds, apply and incorporate the tank-mixture after bed formation.

Pre-emergence Application: Dry weather following pre-emergence application of this product plus Dual MAGNUM tank-mix reduce effectiveness. If weeds develop, cultivate uniformly with shallow tillage equipment such as rotary hoe that will not damage soybeans.

Mixing Instructions: Refer to the "General Information" section in the front of this label.

Broadcast Rates

Metribuzin 75 Plus Dual MAGNUM

Tank Mix Pre-emergence Applications

0.5% to 3% Organic Matter

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Metribuzin 75 Lb/Acre</th>
<th>Dual MAGNUM Pts/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse1 (Loamy sand, sandy loam)</td>
<td>1/2</td>
<td>0.9</td>
</tr>
<tr>
<td>Medium (Loam, silt loam, silt)</td>
<td>1/2</td>
<td>1.0</td>
</tr>
<tr>
<td>Fine (Silty clay loam, sandy clay, silty clay, clay loam, clay)</td>
<td>1/2</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Mississippi Delta Only (Silty clay, clay)</td>
<td>1/2 to 2</td>
<td>1 &amp; 1/2</td>
</tr>
</tbody>
</table>

3% or Greater Organic Matter

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Metribuzin 75 Lb/Acre</th>
<th>Dual MAGNUM Pts/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse1 (Loamy sand, sandy loam)</td>
<td>1/2</td>
<td>1.0</td>
</tr>
<tr>
<td>Medium (Loam, silt loam, silt)</td>
<td>1/2</td>
<td>1 1/2</td>
</tr>
<tr>
<td>Fine (Silty clay loam, sandy clay, silty clay, clay loam, clay)</td>
<td>1/2</td>
<td>1 to 1 1/2</td>
</tr>
<tr>
<td>Mississippi Delta Only (Silty clay, clay)</td>
<td>1/2 to 2</td>
<td>1 &amp; 1/2 to 2</td>
</tr>
</tbody>
</table>

1 Do not use on sand soils. Do not apply Metribuzin 75 plus Dual MAGNUM tank mix preemergence on loamy sand with less than 2% organic matter or crop injury may occur.

2 Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

Special Precautions (Metribuzin 75 and Dual MAGNUM): For additional precautions, restrictions, limitations, and sprayer clean-up information refer to the appropriate sections of this label. Do not use with Metribuzin 75 plus Stealth on soils with less than 2% organic matter.

Metribuzin 75 Plus Stealth

Metribuzin 75 Plus Stealth Overray Application: Apply a preplant incorporated treatment of Stealth as directed on that product label for use on soybeans. Follow with a pre-emergence treatment of this product as directed on this label for use on soybeans.

Metribuzin 75 plus Stealth Tank-mix Application

Preplant Incorporated Application: Prepare the soil by plowing or disking to mix previous crop residues into the soil to a depth of 4 to 6 inches.

For specific application information refer to the "General Information" section in the front of this label.

Incorporate the tank-mixture into the top 1 or 2 inches of soil within 7 days after application according to label directions for Stealth. Mechanical incorporation is not required if a rain of one-quarter inch or more occurs within 7 days after application. Soybeans must be planted no later than 7 days after application of the tank mixture.

Pre-emergence Application: Except for minimum and no-tillage systems, the seed bed should be firm and free of trash and clods.

For specific application information refer to the "General Information" section in the front of this label. Do not apply Stealth preemergence north of Interstate 80. This application must be made after planting and before crop emergence. Do not incorporate.

1 Do not use on sand soils. Do not use on loamy sand or sandy loam containing less than 1% organic matter.
METHOBILITRIN 75  
EPA REG. NO. 34704-876  

2 Silty clay loam soils are transitional soils and may be classified as medium textured soils in certain regions of the U.S.  
3 Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.  

Broadcast Rates  

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Methobiltrin 75 lb/Acre</th>
<th>Stealth PVI/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse 1 (Sandy loam, loamy sand)</td>
<td>1/4</td>
<td>1</td>
</tr>
<tr>
<td>Medium (Loam, silt loam, sandy clay, sandy clay loam)</td>
<td>1/2</td>
<td>1 1/2 to 2</td>
</tr>
<tr>
<td>Fine (Silty clay, silty clay loam 2, clay, clay loam)</td>
<td>1/2 to 3/4</td>
<td>1 1/2 to 2</td>
</tr>
</tbody>
</table>

Over 3% Organic Matter  

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Methobiltrin 75 lb/Acre</th>
<th>Stealth PVI/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse 1 (Sandy loam, loamy sand)</td>
<td>1/4</td>
<td>1/2</td>
</tr>
<tr>
<td>Medium (Loam, silt loam, sandy clay, sandy clay loam)</td>
<td>1/2 to 3/4</td>
<td>1 1/2 to 2</td>
</tr>
<tr>
<td>Fine (Silty clay, silty clay loam 2, clay, clay loam)</td>
<td>3/4 to 1</td>
<td>2 to 2 1/2</td>
</tr>
</tbody>
</table>

Do not use on sand soils. Do not use on loamy sand or sandy loam containing less than 1% organic matter. Where a range of rates is shown for medium and fine soils, use the higher rate if heavy weed infestations are anticipated.  

2 Silty clay loam soils are transitional soils and may be classified as medium textured soils in certain regions of the U.S.  

Do not use on muck or peat soils.  

Special Precautions (Methobiltrin 75 plus Stealth): Soil incorporation deeper than recommended will reduce weed control and can result in crop injury. For additional precautions, restrictions, limitations, and sprayer clean-up information, refer to the appropriate sections of this label and the Stealth label.  

Methobiltrin 75 Plus Intro  

Methobiltrin 75 Plus Intro Tank-mix Application: Pre-Emergence  

Methobiltrin 75 may be used in a tank-mix combination with Intro as a preemergence band or broadcast application to soybeans in accordance with the specified soil types and dosages specified. For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to the appropriate section of this label.  

Refer to the Intro label for pertinent recommendations, directions for use, restrictions and any additional weeds not specified on this label.  

Do not use on muck soils.  

Applications  

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Methobiltrin 75 lb/Acre</th>
<th>Intro Q/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse 1 (Sandy loam)</td>
<td>1/3</td>
<td>2 2 to 2 1/2</td>
</tr>
<tr>
<td>Medium (Loam, silt loam, sandy clay, sandy clay loam)</td>
<td>1/2</td>
<td>2 1/2 to 2 1/2</td>
</tr>
<tr>
<td>Fine (Silty clay, silty clay loam 2, clay, clay loam)</td>
<td>3/4 to 1</td>
<td>2 to 2 1/2</td>
</tr>
</tbody>
</table>

Greater than 3% Organic Matter  

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Methobiltrin 75 lb/Acre</th>
<th>Intro Q/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse 1 (Sandy loam)</td>
<td>1/3</td>
<td>1 1/2 to 2</td>
</tr>
<tr>
<td>Medium (Loam, silt loam, sandy clay, sandy clay loam)</td>
<td>1/2</td>
<td>1 1/2 to 2</td>
</tr>
<tr>
<td>Fine (Silty clay, silty clay loam 2, clay, clay loam)</td>
<td>3/4 to 1</td>
<td>2 to 2 1/2</td>
</tr>
</tbody>
</table>

Do not use Methobiltrin 75 plus Intro on sand or loamy sand soils with less than 2% organic matter.  

Special Precautions (Methobiltrin 75 Plus Intro): For additional precautions, restrictions, limitations, and sprayer clean-up information, refer to the appropriate sections of this label and the Intro label.  

Methobiltrin 75 Plus Command®  

Methobiltrin 75 may be applied in combination with Command 4EC as a preplant or shallow incorporated application for the control of certain weeds in soybeans. Consult the Command 4EC label for specific directions on use, recommendations, restrictions and any additional weeds not specified on this label.  

Mixing: Refer to the "General Information" section in the front of this label.  

Applications: Methobiltrin 75 plus Command 4EC may only be applied with ground equipment as a preplant or shallow incorporated application. Methobiltrin 75 plus Command 4EC should be immediately incorporated into the top 1 to 3 inches after application unless the surface is dry. On dry soils, incorporate into the top 1-3 inches within 3 hours of tank-mix application.  

Do not apply this tank-mix within 1000 feet of townships, subdivisions, commercial vegetable, fruit, nurseries or greenhouse operations.  

Apply in a minimum of 15 gallons spray volume per acre with appropriate nozzle types and sizes to produce a coarse spray droplet. The use of an approved agricultural drift reducing additive should be used for application volumes of 15-40 gallons per acre. The use of an approved agricultural drift reducing additive is required at spray volumes of 10 to 15 gallons per acre.  

NOTE: Off-site movement of Command spray drift or vapors can cause foliage whitening or yellowing of some vegetation. Prior to application of Command, read and strictly follow all precautions and application instructions as set forth in that label.  

For additional information on application, refer to the "General Information" section in the front of this label and the Command label.  

Weeds controlled:  

<table>
<thead>
<tr>
<th>Weed</th>
<th>Common Name</th>
<th>Scientific Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bracken Fern</td>
<td>Pteridium aquilinum</td>
<td>Pteridium aquilinum</td>
<td>Common name is fern, but not related to fern family.</td>
</tr>
<tr>
<td>Carpetweed</td>
<td>Echinochloa crus-galli</td>
<td>Echinochloa crus-galli</td>
<td>A common weed in cereal crops.</td>
</tr>
<tr>
<td>Dutchman's Breeches</td>
<td>Dicentra cucullaria</td>
<td>Dicentra cucullaria</td>
<td>A small, white-flowered plant.</td>
</tr>
<tr>
<td>Florida Beggarticks</td>
<td>Ulex europaeus</td>
<td>Ulex europaeus</td>
<td>A common weed in pastures and rangelands.</td>
</tr>
<tr>
<td>Florida Pusley</td>
<td>Rhoeo discolor</td>
<td>Rhoeo discolor</td>
<td>A common weed in wetlands.</td>
</tr>
<tr>
<td>Barnyardgrass</td>
<td>Echinochloa crus-galli</td>
<td>Echinochloa crus-galli</td>
<td>A common weed in cereal crops.</td>
</tr>
<tr>
<td>Bluegrass</td>
<td>Poa annua</td>
<td>Poa annua</td>
<td>A common weed in lawns and parks.</td>
</tr>
<tr>
<td>Broadleaf</td>
<td>Smartweed</td>
<td>Polygonum pensylvanicum</td>
<td>A common weed in lawns and parks.</td>
</tr>
<tr>
<td>Sedges</td>
<td>Scirpus heterophyllus</td>
<td>Scirpus heterophyllus</td>
<td>A common weed in wetlands.</td>
</tr>
<tr>
<td>Fall Panicum</td>
<td>Panicum virgatum</td>
<td>Panicum virgatum</td>
<td>A common weed in lawns and parks.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1 Do not use Methobiltrin 75 plus Intro on sand or loamy sand soils with less than 2% organic matter.  
2 For control of leversquarts, redroot pigweed, wild mustard, and yellow foxtails on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only, apply Methobiltrin 75 at rates of 1 1/2 lb/acre on medium soils and 1 1/2 to 2 lb/acre on fine soils regardless of soil organic matter percentage (use 1/2 lb only where soil pH is less than 7.5 and wetness is heavy). The 1 1/2 lb/acre rate of Methobiltrin 75 in tank mix combination with Intro can be applied regardless of soil pH. For control of other weeds use this product at full rates specified in the table above, but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.  
3 Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.
### Applications

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Metribuzin 75 (Lb/Acre)</th>
<th>Command 4EC (Pt/Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse 2 (Sandy loam, sandy loam)</td>
<td>1/2</td>
<td>1-1/2 to 2</td>
</tr>
<tr>
<td>Medium (Loam, silt loam, silty clay, sandy clay loam)</td>
<td>1/2 to 1</td>
<td>1-1/2 to 2</td>
</tr>
<tr>
<td>Fine (Silty clay, silty clay loam, clay, clay loam)</td>
<td>1/3 to 1/2</td>
<td>1-1/2 to 2</td>
</tr>
<tr>
<td>Over 3% Organic Matter</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Crop injury may occur on soils having a calcareous surface area or a pH of 7.1 or higher.
2. Do not use on coarse soils with less than 1% organic matter.
3. Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

**Special Precautions (Metribuzin 75 plus Command):** Do not rotate to wheat, barley, alfalfa or seed corn in the fall of the year of application or in the spring of the following year as crop injury may occur. Do not rotate any crop not listed on this label for 18 months following application. Do not apply when weather conditions favor drift. Do not use treated vines for feed or forage. Do not apply aerially or through irrigation equipment.

### Metribuzin 75 Plus Commence® Metribuzin 75 plus Commence® Tank-mix Early Preplant Incorporation Application

Metribuzin 75 in a tank-mix with Commence 5.25 EC may be applied broadcast preplant incorporated up to 30 days prior to planting soybeans for the control of certain broadleaf weeds and grasses. Refer to the Commence herbicide label for additional directions for use, weed controlled, recommendations, restrictions and limitations not specified on this label.

**Mixing:** Refer to the "General Information" section on this label.

**Application:** For information on applying Metribuzin 75, refer to the "General Information" section on this label.

### Applications

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Metribuzin 75 (Lb/Acre)</th>
<th>Commence 5.25 EC (Pt/Acre)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse 2</td>
<td>1/2</td>
<td>1-1/2 to 2</td>
</tr>
<tr>
<td>Medium</td>
<td>1/2</td>
<td>2 to 2-1/2</td>
</tr>
<tr>
<td>Fine</td>
<td>1/3</td>
<td>2-1/2</td>
</tr>
</tbody>
</table>

**Restrictions and Limitations:** Do not use on soils with a pH of 7.5 or lower.

**Note:** Do not use on coarse soils with less than 1% organic matter.

### Metribuzin 75 plus Commence Tank-mix Preplant Incorporated Application

Metribuzin 75 may be tank-mixed with Commence 5.25 EC for preplant incorporated application to control certain weeds in soybeans. Refer to the "General Information" section of this label for information on mixing, application, restrictions, special precautions and weeds controlled by this product. See appropriate sections of the Commence 5.25 EC herbicide label for additional precautionary statements, directions for use, recommendations and additional weeds controlled.

### Special Precautions (Metribuzin 75 plus Commence): Do not rotate to wheat, barley, alfalfa or seed corn in the fall of the year of application or in the spring of the following year as crop injury may occur. Do not rotate any crop not listed on this label for 18 months following application.

Do not apply when weather conditions favor drift. Do not use treated vines for feed or forage. Do not apply aerially or through irrigation equipment.

Do not allow sprays to drift onto adjacent desirable plants.

### Metribuzin 75 plus Danosan® Plus a Grass Herbicide

A tank-mix combination of Metribuzin 75 plus Canopy 75 DF plus a registered and recommended grass herbicide (Dual Magnum, Intro, Stealh, Sonolain or Trifluralin HF) labeled for use may be used for control of the following weeds in soybeans:

<table>
<thead>
<tr>
<th>Weeds Controlled</th>
<th>Annual Broadleafs</th>
<th>Annual Grasses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weed Type</th>
<th>Herbicide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barley grass</td>
<td>Crabgrass</td>
</tr>
<tr>
<td>Bluegrass</td>
<td>Crowfootgrass</td>
</tr>
<tr>
<td>Broadleaf signalgrass</td>
<td>Foxtail</td>
</tr>
<tr>
<td>Browning Millet</td>
<td>Goosgrass</td>
</tr>
</tbody>
</table>

**Tank-mix combinations which include Dual Magnum, Intro or Stealh can be applied pre-emergence broadcast or preplant incorporated broadcast. When Sonolain or Trifluralin HF are used in the tank-mix, apply preplant incorporated broadcast. Refer to the table below for specified rates of each product to be used in tank-mix combinations:

### Applications

<table>
<thead>
<tr>
<th>Product</th>
<th>Soil Texture</th>
<th>Medium</th>
<th>Fine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 (Lb/Acre)</td>
<td>1/2 to 1/2</td>
<td>1/2 to 1/2</td>
<td></td>
</tr>
<tr>
<td>Canopy (Dz/Acre)</td>
<td>1-1/2</td>
<td>1-1/2</td>
<td></td>
</tr>
<tr>
<td>Trefluralin HF (Pt/Acre)</td>
<td>1</td>
<td>1-1/2</td>
<td></td>
</tr>
<tr>
<td>Dual Magnum (Pt/Acre)</td>
<td>1-1/2</td>
<td>1-1/2</td>
<td></td>
</tr>
<tr>
<td>Intro (G/Acre)</td>
<td>2-1/2</td>
<td>2-1/2</td>
<td></td>
</tr>
<tr>
<td>Sonolain (Pt/Acre)</td>
<td>1-1/2</td>
<td>1-1/2</td>
<td></td>
</tr>
</tbody>
</table>

**Restrictions and Limitations:** Do not apply on soils with a pH greater than 7.0.

**Note:** Refer to "Soil Texture" paragraph on this label for specific soil classification.

**Use the lower rate of Metribuzin 75 in preplant incorporated tank-mix as in those situations where soils within a field vary extremely in texture or organic matter content.

**Important:** If weeds escape in fields treated with these tank-mix combinations, post-emergence application of a registered and recommended herbicide will be needed for control.

Refer to the "General Information" section of this label for mixing and application directions.

**Special Precautions:** For additional precautions, restrictions, limitations and sprayer clean-up information, refer to the appropriate sections of the label for Metribuzin 75 and Canopy 75 DF.
METRIBUZIN 75
EPA REG. NO. 34704-876

Do not use treated vines for feed or forage.

Metribuzin 75 Plus Command Plus A Grass Herbicide
Metribuzin 75 may be applied with Command 4EC and a grass herbicide (Trifluralin HF; Intor, Dual MAGNUM, Steal or Sonalan) for the control of certain broadleaf weeds and grasses in soybeans. This combination will provide improved control of heavy infestations of velvetleaf, jimsonweed and common ragweed. Metribuzin 75 and Command 4EC plus a grass herbicide may be applied preplant incorporated broadcast. Consult the Command, Trifluralin HF; Intor, Dual MAGNUM, Steal or Sonalan labels for specific directions for use, recommendations, restrictions and additional weeds controlled not specified on this label.

Mixing: Refer to the “General Information” section in the front of this label.

Application: For specific application information, refer to the “General Information” section in the front of this label.

Weeds Controlled
Annual Broadleaves

<table>
<thead>
<tr>
<th>Product</th>
<th>Soil Texture</th>
<th>Coarse</th>
<th>Medium</th>
<th>Fine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 (Lb/Acre)</td>
<td>1/2</td>
<td>1/4 to 1/2</td>
<td>1/8 to 1/4</td>
<td>1/16 to 1/8</td>
</tr>
<tr>
<td>Command 4EC (Pint/Acre)</td>
<td>1 to 3/4</td>
<td>1/4 to 1/2</td>
<td>1/8 to 1/4</td>
<td>1/16 to 1/8</td>
</tr>
<tr>
<td>Trifluralin HF (Pt/Acre)</td>
<td>1</td>
<td>1/2</td>
<td>1/4</td>
<td>1/8</td>
</tr>
<tr>
<td>Dual MAGNUM (Pt/Acre)</td>
<td>83 to 10</td>
<td>1 to 1</td>
<td>1 1/2</td>
<td>2</td>
</tr>
<tr>
<td>Steal (Pt/Acre)</td>
<td>1 to 1 1/2</td>
<td>1 to 2</td>
<td>1 1/2 to 2</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Intro (Pt/Acre)</td>
<td>2 to 2 1/2</td>
<td>2 to 3</td>
<td>2 1/2 to 3</td>
<td>3 to 4</td>
</tr>
<tr>
<td>Sonalan (Pt/Acre)</td>
<td>1 1/2 to 2</td>
<td>1 1/2 to 2</td>
<td>2 to 3</td>
<td>3 to 4</td>
</tr>
</tbody>
</table>

1 Refer to “Soil Texture” paragraph on this label for specific soil classification. On coarse textured soils with a calcareous surface area or a pH of 7.5 or higher, do not use on loamy sand or sandy loam soils with less than 1% organic matter.
2 The higher rate of Metribuzin 75 may be used for the control of sicklepod and hemp sesbania. Use lower rate of Metribuzin 75 in the preplant incorporated tank mix on soils having a calcareous surface area or a pH of 7.5 or higher in those situations where soils within a field vary extremely in texture or organic matter content.
3 Use the higher rate specified under moderate to heavy weed infestations.

Metribuzin 75 Plus Scepter plus A Grass Herbicide
Metribuzin 75 may be applied with Scepter herbicide and a grass herbicide (Trifluralin HF; Intor, Dual MAGNUM, Steal or Sonalan) for the control of certain broadleaf weeds and grasses in soybeans. Metribuzin 75 and Scepter plus Trifluralin HF or Sonalan may be applied preplant incorporated broadcast. Metribuzin 75 and Scepter plus Intor, Dual MAGNUM or Steal may be applied preplant incorporated, pre-emergence broadcast or in a band application.

Consult the Scepter, Trifluralin HF; Intor, Dual MAGNUM, Steal, or Sonalan labels for specific directions for use, recommendations, restrictions and additional weeds controlled not specified on this label.

Mixing: Refer to the “General Information” section in the front of this label.

Application: For specific application information, refer to the “General Information” section in the front of this label.

Weeds Controlled
Annual Broadleaves

<table>
<thead>
<tr>
<th>Product</th>
<th>Soil Texture</th>
<th>Coarse</th>
<th>Medium</th>
<th>Fine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 (Lb/Acre)</td>
<td>1/2</td>
<td>1/4 to 1/2</td>
<td>1/8 to 1/4</td>
<td>1/16 to 1/8</td>
</tr>
<tr>
<td>Scepter (1.5 lb/Gal Liquid 1 Pt/Acre)</td>
<td>1/2 to 1/2</td>
<td>1/4 to 1/2</td>
<td>1/8 to 1/4</td>
<td>1/16 to 1/8</td>
</tr>
<tr>
<td>Steal (Pt/Acre)</td>
<td>1 to 1 1/2</td>
<td>1 to 2</td>
<td>1 1/2 to 2</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Intro (Pt/Acre)</td>
<td>2 to 2 1/2</td>
<td>2 to 3</td>
<td>2 1/2 to 3</td>
<td>3 to 4</td>
</tr>
</tbody>
</table>

1 Refer to “Soil Texture” paragraph on this label for specific soil classification. On coarse textured soils with a calcareous surface area or a pH of 7.5 or higher, do not use on loamy sand or sandy loam soils with less than 1% organic matter.
2 Use the higher rate of Metribuzin 75 for preemergence tank mix application and for the control of sicklepod and hemp sesbania. Use the lower rate of Metribuzin 75 in the preplant incorporated tank mix on soils having a calcareous surface area or a pH of 7.5 or higher in those situations where soils within a field vary extremely in texture or organic matter content.
3 Use the higher rate specified under moderate to heavy weed infestations.

Metribuzin 75 Plus Pursuit® and a Grass Herbicide
Metribuzin 75 may be tank-mixed with Pursuit herbicide and a registered and recommended grass herbicide (Dual MAGNUM, Intor, Steal, Sonalan or Trifluralin HF) for control of certain broadleaf and grass weeds in soybeans. Refer to the product labels for Pursuit, Dual MAGNUM, Intor, Steal, Sonalan or Trifluralin HF for additional directions for use, recommendations, restrictions and limitations not included on this label.

Tank-mix combinations of Metribuzin 75, Pursuit and Dual MAGNUM, Intor or Steal can be applied broadcast preemergence or preplant incorporated. When the grass herbicide used is Sonalan or Trifluralin HF, apply the tank-mix broadcast preplant incorporated.

Mixing and Application: Refer to the “General Information” section of this label for directions on mixing and application of Metribuzin 75.

Applications

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Metribuzin 75 Lb/Acre</th>
<th>Pursuit Oz/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse</td>
<td>1/2</td>
<td>4</td>
</tr>
<tr>
<td>Medium</td>
<td>1/2 to 1</td>
<td>4</td>
</tr>
<tr>
<td>Fine</td>
<td>1/2 to 1 1/2</td>
<td>4</td>
</tr>
</tbody>
</table>

For control of grass weeds, include Dual MAGNUM, Intor, Steal, Sonalan or Trifluralin HF at label rates in the tank mix with Metribuzin 75 and Pursuit herbicides.

Restrictions and Limitations: Do not apply this tank-mix with aerial or irrigation equipment. Do not apply when weather conditions favor drift, or allow sprays to drift onto adjacent desirable plants. Do not use treated vines for feed or forage. Refer to appropriate sections of the Pursuit herbicide label for restrictions on use area and rotational crops.

Observe all cautions and limitations on the labeling of all products used in mixtures.

Metribuzin 75 Plus Pursuit® Plus Herbicide
Metribuzin 75 may be tank-mixed with Pursuit Plus herbicide for broadcast preemergence or preplant incorporated application to soybeans for control of certain broadleaf and grass weeds. Refer to the Pursuit Plus herbicide label for additional directions for use, recommendations, restrictions, and limitations not included on this label.

Mixing and Application: Refer to the “General Information” section of this label for directions on mixing and application of Metribuzin 75.

Applications

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Metribuzin 75 Lb/Acre</th>
<th>Pursuit Plus Pt/Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse</td>
<td>1/2</td>
<td>2-1/2</td>
</tr>
<tr>
<td>Medium</td>
<td>1/2 to 1</td>
<td>2-1/2</td>
</tr>
<tr>
<td>Fine</td>
<td>1/2 to 1 1/2</td>
<td>2-1/2</td>
</tr>
</tbody>
</table>

Restrictions and Limitations: Do not apply this tank-mix with aerial or irrigation equipment. Do not apply when weather conditions favor drift, or allow sprays to drift onto desirable plants.

Do not use treated vines for feed or forage.

Refer to appropriate sections of the Pursuit Plus herbicide label for restrictions on use area and rotational crops.

Metribuzin 75 Plus Linuron Plus (Intor or Dual MAGNUM)
Metribuzin 75 plus Linuron plus (Intor or Dual MAGNUM) Tank-mix Application: Metribuzin 75 may be applied in combination with Linuron 50 DF or 4L, and Intor or Dual MAGNUM as a preemergence application for the control of certain weeds in soybeans. Consult the Linuron, Intor, or Dual MAGNUM labels for specific directions for use, recommendations, restrictions and any additional weeds not specified on this label.
Mixing: Refer to the "General Information" section in the front of this label.

Application: Applications can be made only with ground spray equipment in accordance with specified soil types and dosage rates. For specific application information, refer to the "General Information" section in the front of this label.

Metrizubin 75 Plus Linuron Plus (Intro or Dual MAGNUM) Broadcast Rates (0.5 to 3% Organic Matter Only)

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Coarse1 (Sandy, loamy sand, sandy loam)</th>
<th>Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)</th>
<th>Fine (Silty clay, silty clay loam, clay, clay loam)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 (Lb/Acre)</td>
<td>1 to 1½</td>
<td>1½ to 2½</td>
<td>2 to 3½</td>
</tr>
<tr>
<td>Linuron 50 DF (Lb/Acre)</td>
<td>1½ to 2½</td>
<td>2 to 3½</td>
<td>3 to 4½</td>
</tr>
<tr>
<td>Linuron 4L (P/Acre)</td>
<td>1½ to 2½</td>
<td>2 to 3½</td>
<td>3 to 4½</td>
</tr>
<tr>
<td>Intro (G/Acre)</td>
<td>1½ to 2½</td>
<td>2 to 3½</td>
<td>3 to 4½</td>
</tr>
<tr>
<td>or DUAL MAGNUM (P/Acre)</td>
<td>2½ to 3½</td>
<td>3 to 4½</td>
<td>4 to 5½</td>
</tr>
</tbody>
</table>

1 Do not use Metribuzin 75 plus Linuron plus (Intro or Dual MAGNUM) on sand soils with less than 1% organic matter.  
2 Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

Special Precautions (Metrizubin 75 plus Linuron plus Intro or Dual MAGNUM):
For additional precautions, restrictions, limitations and sprayer clean-up information, refer to the appropriate sections of this label and the Linuron label and the Intro or Dual MAGNUM labels.

For Use in Coarse (Light) Soils in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas and Virginia.

Metrizubin 75 herbicide may be applied alone or in combination with Trifluralin HF, Intro or Dual MAGNUM for use in coarse-textured, loamy organic matter soils in the states listed above for the control of certain weeds in soybeans. Refer to the appropriate section of this label and the Trifluralin HF Intro or Dual MAGNUM label for specific directions for use, restrictions, recommendations and any additional weeds not specified on this label.

Mixing: Refer to the "General Information" section in the front of this label.

Application: For specific application information, refer to the "General Information" section in the front of this label.

Metrizubin 75 (Alone) Pre-emergence Application (Broadcast Rates)

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Coarse (Light) Soils 5% or Above</th>
<th>Loamy Sand, Sandy Loam 1½, 2½ to 3½ 1½, 2½ to 3½</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 Lb/Acre</td>
<td>1½ to 2½</td>
<td>2½ to 3½</td>
</tr>
</tbody>
</table>

1 Do not use on use on soil with less than 1% organic matter.
2 Use the higher rate under heavy weed pressures and/or on soils higher in organic matter.

Metrizubin 75 in Combination with Other Herbicides: Metribuzin 75 may be applied in a tank-mix combination with trifluralin HF as a preemergent incorporated application or as a preemergence overlay application following a preemergent incorporated application of trifluralin HF. Metribuzin 75 may also be used as a preemergence application in combination with intro or Dual MAGNUM.

For Use in Coarse (Light) Soils 0.5% or Above Organic Matter (Broadcast Rates)

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Coarse (Light) Soils 1½ to 2½</th>
<th>Loamy Sand, Sandy Loam 2½ to 3½</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 Lb/Acre</td>
<td>2½ to 3½</td>
<td>3½ to 4½</td>
</tr>
</tbody>
</table>

1 Do not use on soil with less than 1% organic matter.
2 Use the higher rate under heavy weed pressures and/or on soils higher in organic matter.

Special Precautions: Do not use on soil with less than 1% organic matter, or on sandy loam or loamy sand soils with less than 0.5% organic matter.

For additional precautions, restrictions, limitations and sprayer clean-up information, refer to the appropriate sections of this label and the Trifluralin HF, Intro, and Surlan labels.

Burndown Weed Control - Field Corn and Soybeans
Metrizubin 75 can be used as part of an herbicide program for burndown of existing vegetation prior to crop emergence in Conservation tillage systems. Metribuzin 75 may be tank-mixed with 2,4-D low volatility ester (LVE), Gramoxone Intenso® 48, glyphosate (Makere or Touchdown®) for control of emerged weeds prior to field corn or soybean emergence. Metribuzin 75 tank-mixes with 2,4-DB, Fusion®, Poast Plus® or Intensity® may also be used in soybeans for control of emerged weeds prior to crop emergence. Metribuzin 75 burndown tank-mixes can be applied before planting or prior to crop emergence in the following areas:

Field Corn: Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin.

Soybeans: All areas for all product except fusion tank-mixes - See Fusion section of this label for recommended states.

Application: Metribuzin 75 may be applied up to 30 days prior to planting or preemergence. Apply only by ground equipment when Metribuzin 75 is used for burndown of existing vegetation in conservation tillage systems. Metribuzin 75 and tank-mix partner burndown rates are listed in the following three tables.

Metrizubin 75 Burndown Rates - Field Corn And Soybeans

<table>
<thead>
<tr>
<th>Crops</th>
<th>Application Timing</th>
<th>Metribuzin 75 Rate (Oz/A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field Corn</td>
<td>Preplant</td>
<td>2 to 5½</td>
</tr>
<tr>
<td>Preemergence</td>
<td>0 to 30 days</td>
<td>2 to 5½</td>
</tr>
<tr>
<td>Iowa</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kansas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Missouri</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nebraska</td>
<td></td>
<td></td>
</tr>
<tr>
<td>South Dakota</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Illinois</td>
<td>Preplant</td>
<td>2 to 5½</td>
</tr>
<tr>
<td>Preemergence</td>
<td>10 to 30 days</td>
<td>2 to 5½</td>
</tr>
<tr>
<td>Indiana</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kentucky</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michigan</td>
<td>Preemergence</td>
<td></td>
</tr>
<tr>
<td>Minnesota</td>
<td>Preemergence</td>
<td></td>
</tr>
<tr>
<td>Ohio</td>
<td>Preplant</td>
<td>2 to 4</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>Preemergence</td>
<td></td>
</tr>
</tbody>
</table>

Special Precautions: Do not apply these treatments after crop emergence. Observe all precautions and limitations on the labeling of all products used in tank-mixtures. Refer to the General Information section of this label for additional information, precautions, and limitations.

Field Corn:
1. Do not apply on coarse textured soils with less than 1.5% organic matter.
2. Do not apply more than 4 oz of Metribuzin 75 per acre on soils with less than 2% organic matter.
3. Do not apply on soils having pH 7.0 or greater.
4. Do not apply more than 5½ ounces Metribuzin 75 (0.25 pound active ingredient) per acre per growing season.
5. Corn seed should be planted a minimum of 1½ inches deep.
6. Metribuzin 75 may only be used in hybrid seed corn production fields if both inbred parents are known to be tolerant to Metribuzin 75.

Soybeans:
1. Apply only 2,4-D low volatility ester formulations which are registered and recommended for preplant or burndown use in soybeans.
2. Do not apply tank-mixtures containing 2,4-D LVE if wind is blowing toward desired susceptible plants (e.g., cotton, tobacco, tomato, etc.) or when wind speeds exceed 6 miles per hour.

Feeding restrictions: Corn treated with Metribuzin 75 may be harvested for silage or grain 60 days after treatment. Soybean vines or hay treated with Metribuzin 75 may be grazed or fed to livestock 40 days after application. Do not feed hay, forage, fodder or graze 2,4-D, Intensity, or Fusion treated vegetation. Follow the most restrictive preharvest interval of all products used in a tank-mixture.

Metrizubin 75 Plus Tank Mix Partner Burndown Rates - Field Corn Or Soybeans

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>Directions And Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75</td>
<td>2 to 5½ oz/A</td>
<td></td>
</tr>
</tbody>
</table>
| 2,4-D LVE | 1½ to 2 lb ai/A | Use in soybeans, apply at least 7 days preplant when using 2,4-D LVE at 1½ to 2 lb ai/A and at least 30 days preplant with rates greater than 1½ b ai/A.

In soybeans, apply at least 7 days preplant when using 2,4-D LVE at 1½ to 2 lb ai/A.
**METRIBULIN 75**

EPA REG. NO. 34704-87

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**Metrizun 75 Plus Tank Mix Partner Burndown Rates - Field Corn Or Soybeans cont...**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>Directions And Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>Apply preplant or before soybean emergence. Include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) of spray solution.</td>
</tr>
<tr>
<td>Gramoxone Inten + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>For use only in Delaware, Illinois, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, West Virginia and Wisconsin. For this tank mix follow the planting restrictions under the Directions and Remarks Section above for Metribuzin 75 + 2,4-D LVE. Fusion rates of 4, 8 and 16 oz will control certain grasses up to 2 and 3 inches in height, respectively. Include either crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.</td>
</tr>
<tr>
<td>2,4-D LVE</td>
<td>½ to 1 lb aI/A</td>
<td></td>
</tr>
</tbody>
</table>

---

**Metrizun 75 Plus Tank Mix Partner Burndown Rates - Soybeans Only**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>Directions And Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>Apply preplant or before soybean emergence. Include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) of spray solution.</td>
</tr>
<tr>
<td>Gramoxone Inten + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>For use only in Delaware, Illinois, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, West Virginia and Wisconsin. For this tank mix follow the planting restrictions under the Directions and Remarks Section above for Metribuzin 75 + 2,4-D LVE. Fusion rates of 4, 8 and 16 oz will control certain grasses up to 2 and 3 inches in height, respectively. Include either crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.</td>
</tr>
<tr>
<td>2,4-D LVE</td>
<td>½ to 1 lb aI/A</td>
<td></td>
</tr>
</tbody>
</table>

---

**Metrizun 75 Plus Tank Mix Partner Burndown Rates - Soybeans cont...**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>Directions And Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>Apply preplant or before soybean emergence. Include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) of spray solution.</td>
</tr>
<tr>
<td>Gramoxone Inten + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>For use only in Delaware, Illinois, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, West Virginia and Wisconsin. For this tank mix follow the planting restrictions under the Directions and Remarks Section above for Metribuzin 75 + 2,4-D LVE. Fusion rates of 4, 8 and 16 oz will control certain grasses up to 2 and 3 inches in height, respectively. Include either crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.</td>
</tr>
<tr>
<td>2,4-D LVE</td>
<td>½ to 1 lb aI/A</td>
<td></td>
</tr>
</tbody>
</table>

---

**Metrizun 75 Plus Tank Mix Partner Burndown Rates - Soybeans cont...**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>Directions And Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>Apply preplant or before soybean emergence. Include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) of spray solution.</td>
</tr>
<tr>
<td>Gramoxone Inten + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>For use only in Delaware, Illinois, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, West Virginia and Wisconsin. For this tank mix follow the planting restrictions under the Directions and Remarks Section above for Metribuzin 75 + 2,4-D LVE. Fusion rates of 4, 8 and 16 oz will control certain grasses up to 2 and 3 inches in height, respectively. Include either crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.</td>
</tr>
<tr>
<td>2,4-D LVE</td>
<td>½ to 1 lb aI/A</td>
<td></td>
</tr>
</tbody>
</table>

---

**Metrizun 75 Plus Tank Mix Partner Burndown Rates - Soybeans cont...**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>Directions And Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>Apply preplant or before soybean emergence. Include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) of spray solution.</td>
</tr>
<tr>
<td>Gramoxone Inten + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>For use only in Delaware, Illinois, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, West Virginia and Wisconsin. For this tank mix follow the planting restrictions under the Directions and Remarks Section above for Metribuzin 75 + 2,4-D LVE. Fusion rates of 4, 8 and 16 oz will control certain grasses up to 2 and 3 inches in height, respectively. Include either crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.</td>
</tr>
<tr>
<td>2,4-D LVE</td>
<td>½ to 1 lb aI/A</td>
<td></td>
</tr>
</tbody>
</table>

---

**Metrizun 75 Plus Tank Mix Partner Burndown Rates - Soybeans cont...**

<table>
<thead>
<tr>
<th>Product</th>
<th>Rate</th>
<th>Directions And Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Metribuzin 75 + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>Apply preplant or before soybean emergence. Include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) of spray solution.</td>
</tr>
<tr>
<td>Gramoxone Inten + +</td>
<td>2 to 5-1/2 oz/A</td>
<td>For use only in Delaware, Illinois, Iowa, Kansas, Kentucky, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, West Virginia and Wisconsin. For this tank mix follow the planting restrictions under the Directions and Remarks Section above for Metribuzin 75 + 2,4-D LVE. Fusion rates of 4, 8 and 16 oz will control certain grasses up to 2 and 3 inches in height, respectively. Include either crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.</td>
</tr>
<tr>
<td>2,4-D LVE</td>
<td>½ to 1 lb aI/A</td>
<td></td>
</tr>
</tbody>
</table>

---

**Weeds Controlled By Burndown Rates of Metribuzin 75**

<table>
<thead>
<tr>
<th>Metribuzin 75 plus</th>
<th>2,4-D LVE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Annual Grasses</strong></td>
<td><strong>Maximum Burndown Height (Inches)</strong></td>
</tr>
<tr>
<td>Barley</td>
<td>-</td>
</tr>
<tr>
<td>Barnyardgrass</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Crabgrass, spp.</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Foxtail, spp.</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Johnsongrass, seeding</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Panicum, fall</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Sandbur, field</td>
<td>Does not control</td>
</tr>
<tr>
<td>Shadetree</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Wheat, volunteer</td>
<td>2 to 3</td>
</tr>
<tr>
<td>Witchgrass species</td>
<td>2 to 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Broadleafweeds</strong></th>
<th><strong>Maximum Burndown Height (Inches)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Buffalo</td>
<td>-</td>
</tr>
<tr>
<td>Chickweed, common</td>
<td>6</td>
</tr>
<tr>
<td>Cocklebur, common</td>
<td>6</td>
</tr>
<tr>
<td>Dandelion, common</td>
<td>6 dia a, 2 dia b</td>
</tr>
<tr>
<td>Herbit</td>
<td>4</td>
</tr>
<tr>
<td>Horseweed</td>
<td>6 c</td>
</tr>
<tr>
<td>Jimsonweed</td>
<td>6</td>
</tr>
<tr>
<td>Kochia</td>
<td>4 c</td>
</tr>
<tr>
<td>Lambquarters, common</td>
<td>6</td>
</tr>
<tr>
<td>Lettuce, prickly</td>
<td>6</td>
</tr>
<tr>
<td>Mallow, Viscaria</td>
<td>6</td>
</tr>
<tr>
<td>Morningglopp, spp.</td>
<td>6</td>
</tr>
<tr>
<td>Mustard, spp.</td>
<td>6</td>
</tr>
<tr>
<td>Nasturtium, field</td>
<td>6</td>
</tr>
<tr>
<td>Pigweed, spp. (annual)</td>
<td>6</td>
</tr>
<tr>
<td>Ragweed, common</td>
<td>6</td>
</tr>
<tr>
<td>Redroot, giant</td>
<td>6</td>
</tr>
<tr>
<td>Shepherdspurry</td>
<td>6</td>
</tr>
<tr>
<td>Sida, prickly</td>
<td>4</td>
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<tr>
<td>Smartweed, Pennsylavnia</td>
<td>6</td>
</tr>
<tr>
<td>Sunflower, common</td>
<td>6</td>
</tr>
<tr>
<td>Thistle, Russian</td>
<td>6</td>
</tr>
<tr>
<td>Velvetleaf</td>
<td>6</td>
</tr>
<tr>
<td>Waterhemp, spp.</td>
<td>6</td>
</tr>
</tbody>
</table>
RESIDUAL WEED CONTROL

Metrizubin 75 burndown programs can be used as part of a full season weed control program in both field corn and soybeans when, 1) applied as a tank-mixture with residual herbicides, or 2) followed with a postemergence weed control program, which is registered for use on that crop.

For residual control, Metrizubin 75 burndown programs may include tank-mixes with the following herbicides or combinations of herbicides:

<table>
<thead>
<tr>
<th>Field Corn Herbicide</th>
<th>Field Corn Herbicide</th>
<th>Application Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amtizor</td>
<td>Dual II MAGNUM</td>
<td>Outlook®</td>
</tr>
<tr>
<td>Biocid II MAGNUM</td>
<td>Harness II</td>
<td>Pursuit Plus®</td>
</tr>
<tr>
<td>Biocid Life II MAGNUM</td>
<td>Harness Xtra</td>
<td>Riteplus®</td>
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<tr>
<td>Bulx®</td>
<td>Linex®</td>
<td>Simazine</td>
</tr>
<tr>
<td>Cadeno®</td>
<td>Linuron</td>
<td>Stealth™</td>
</tr>
<tr>
<td>Clarity®</td>
<td>Linuron</td>
<td>Tordon® 260</td>
</tr>
<tr>
<td>Dual MAGNUM</td>
<td>Lorox®</td>
<td>Topaz®</td>
</tr>
</tbody>
</table>

Soybeans

- **Soybeans:**
  - **Achlor®**
  - **Conego®**
  - **Command®**
  - **Dual MAGNUM**

- Use only Pursuit resistant/tolerant corn hybrids.

- Metrizubin 75 used (alone and in tank-mixes) on soybeans at labeled rates will also provide residual control of those weeds listed in the "Weeds Controlled by Metrizubin 75 Tank-mix Combinations" section of the Metrizubin 75 label.

- Refer to the individual product labels for additional information, precautions, and limitations.

Southern And Southeastern States Only

Postemergence Directed Spray Applications

Metrizubin 75 can be applied in postemergence directed sprays to soybeans for control of certain weeds which escape preplant or preemergence herbicide applications and for control of additional flushes of weeds that may occur after soybeans have emerged. Postemergence directed sprays of Metrizubin 75 can be applied to soybeans in addition to a preemergence or preplant application of Metrizubin 75 herbicide according to label directions.

**Weeds Controlled:** Metrizubin 75, applied postemergence to soybeans as a directed spray according to directions on this label, will control the following at rates shown (broadcast basis) when grasses and common ragweed are less than 1 inch tall and other broadleaf weeds are less than 3 inches tall:

- 1/8 to 1/8 lb/Acre
  - Carpetweed (Melampyrum) & Mexicanweed (Caperonia crystallina)
  - Cocklebur (Xanthium pensylvanicum) & Pigweed (Amaranthus spp.)
  - Crabgrass (Digitaria spp.) & Purslane (Portulaca oleracea)
  - Dayflower (Commelina spp.) & Sicklepod (Cassia obtusifolia)
  - Florida beggarweed (Desmodium floridanum) & Velvetleaf (Abutilon theophrasti)

- 1/3 to 1/3 lb/Acre
  - Pigweed, common (Amaranthus spinosus) & Sesbania (Sesbania spp.)

- 1/2 lb/Acre
  - Ragweed, common (Ambrosia artemisiifolia) & Usiterum (Usita ramosa) Species: (Ipomoea spp.)
  - Peanut (Arachis hypogaea) & Sumpnose (Sumpnose spp.)
  - Florida pusley (Richardia scabra) & Spotted Sprenia (Sprenia maculata)
  - Wild Persicaria (Persicaria aphelandra) & Echipta (Echipta heterophylla)
  - Metrizubin 75 Postemergence Directed Spray

- Applications
  - 1/2 to 1/2 lb/Acre

- Soybeans
  - (Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas)

- Apply proper dosage using 10 to 40 gallons of water per acre as a directed spray in a 6 to 8 inch band on each side of the row after soybeans are 8 inches tall and before broadleaf weeds are 3 inches tall and before grasses and common ragweed are 1 inch tall. For best results the spray must cover weed foliage with minimum or no contact with soybean foliage. Add a nonionic surfactant such as Activator 90 or Liberty to the spray mixture to obtain better wetting of weed leaf surfaces. To determine the correct dosage of Metrizubin 75 for a band application see "Band Application" under the "General Information" section in the front of this label.

- Special Precautions (Directed Postemergence): Do not apply directly to soybeans or serious crop injury will occur. Do not allow spray to contact more than the lower 1/4 to 1/2 of soybean plants. Soybean leaves contacted by the spray will be killed.

- Do not apply Metrizubin 75 postemergence to sensitive soybean varieties. See "Special Precautions" in the front of this label.

- To avoid injury to other crops or desirable plants from spray drift, spray pressure must not exceed 30 psi and the sprayer must be fitted with nozzles no smaller than 8002 T-Jet (or equivalent). Do not apply under weather conditions which favor drift.

- **POATOES**

Metrizubin 75 herbicide may be used in ground, aircraft- or specified chemigation equipment as a preemergence and/or postemergence application to potatoes. Early maturing smooth skinned white and all red skinned varieties may be injured with postemergence applications. The varieties Atlantic, Belchamp, Centennial, Chipper, and Shropdy are sensitive to Metrizubin 75. Avoid postemergence applications on these varieties. Preemergence applications on these varieties may cause crop injury under adverse weather conditions, on coarse soils, under high soil pH, with higher rates per acre and with mechanical incorporation.

- **Ground Application:** Metrizubin 75 may be used with ground spray equipment applied as a preemergence and/or postemergence application for the listed grass and broadleaf weeds in potatoes. Apply as a uniform broadcast spray at 20 to 40 gallons per acre.

- **Aerial Application:** Metrizubin 75 may be applied in aerial spray equipment as a preemergence and/or postemergence application at 5 or more gallons per acre.

- **Chemigation:** Metrizubin 75 may be applied in preemergence and/or early postemergence to potatoes using center pivot, solid set and lateral roll systems. Apply specified dosage in ½ to 1 inch of water per acre (¾ to 1 inch on sandy soil) as a continuous injection in self-propelled systems or apply in the last 15 to 30 minutes of the set in other systems. Be sure all the Metrizubin 75 Lb/Acre has been flushed from the lines before shutting down the system.

**Weeds Controlled**

Metrizubin 75 applied to potatoes according to directions, will provide economic control of the following weeds. For optimum control, applications should be made before weeds are 1 inch tall. (See NOTE)

- Broadleaf
  - Mustard, taney
  - Mustard, bunch
  - Mustard, wild
  - Pennycress, field
  - Pigweed, Redroot
  - Pigweed, smooth

- Grasses
  - Barnyardgrass
  - Crabgrass, large
  - Crabgrass, smooth

- 1 Weiss controlled with preemergence applications.
- 2 Weiss controlled with postemergence applications.
- 3 Weiss requiring two applications for control.

**Hard To Control Weeds**

Although Metrizubin 75 may not provide commercially acceptable control in every instance, it will suppress growth of the following weeds and reduce their competition with potato plants.

- **Kochia**
  - Grasses
  - Nighthead, hairy
  - Purslane, common

- **Note:** Where trisulfonyl-resistant weeds are present, Metrizubin 75 alone may not provide adequate control.

**Broadcast Applications**

- Crop
  - Metrizubin 75 (lb/acre)

- Potatoes
  - 1 to 1.5

- **Preemergence:** Apply specified dosage as a broadcast spray. Do not mechanically incorporate soil. Use the 1/2 to 1/2 lb/acre rate for control of wild mustards and grasses. On sand soils or sensitive varieties, do not exceed 1 lb/acre.

- Potatoes
  - 1/2 to 1/2

- **(Except early maturing smooth skinned, red skinned, and other specified varieties.)**

**Postemergence:** Apply specified dosage as a broadcast spray over the tops of potato plants (Refer to Special Precautions (Potatoes)). Use rates of 1/2 to 1/2 lb/acre for control of redroot pigweed and common lambsquarters only. Apply the 1/2 lb/acre rate for control of other weeds listed on this label.
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Split Applications: This product may be applied once preemergence and one post-emergence as directed above. (Refer to Special Precautions (Potatoes)). Do not exceed 1-1/2 lbs. per acre per season.

Idaho, Oregon and Washington Only: Two post-emergence applications can be made as broadcast sprays over the tops of potato plants if Metribuzin 75 is applied preemergence. Use 1/2 to 1/2 lb/acre for control of redroot pigweed and lambquarters only. On coarse (sandy) soils with low organic matter do not exceed 1-1/2 lbs/acre per application. On medium and heavy soils only, use 1/2 lb/acre per application for control of other weeds listed on this label and for suppression of hairy nightshade. Make the first application early in the season while weeds are still small. Allow at least 14 days before the second application. Do not apply after June 30 if treated land is to be planted to crops other than potatoes.

Tank-Mixes: Metribuzin 75 may be tankmixed with the following herbicides: Dual MAGNUM, Eptam® Select, and Matric®. In addition, three-way tank-mix combinations may be used for Metribuzin 75 plus Dual MAGNUM, Eptam or Stealth plus Matric® when applied preemergence. Refer to each product’s label for precautionary statements, restrictions, application information and weeds controlled.

Dual MAGNUM: Metribuzin 75 may be applied in a tankmix with Dual MAGNUM as a preemergence broadcast application. Apply Metribuzin 75 at 1 to 1-1/2 lbs and Dual MAGNUM at 1-1/2 to 2 lbs per acre according to the respective labels for use of each product alone on potatoes.

Eptam: Metribuzin 75 may be tankmixed with Eptam at rates and uses permitted on each product’s label.

Stealth: Metribuzin 75 may be applied in tankmix combination with Stealth as a preemergence or early postemergence broadcast application. As a preemergence mix, apply Metribuzin 75 at 1/2 to 1-1/2 lbs and Stealth at 1 to 2-1/2 lbs per acre. As an early postemergence, apply Metribuzin 75 at 1/2 to 1 lb and Stealth at 1 to 3.5 lbs per acre before the crop is in the 6 inch growth stage.

Matrix (except the following counties in Colorado): Alamosa, Conejos, Costilla, Rio Grande and Saguache: Metribuzin 75 may be applied in tankmix combination with Matrix as a preemergence and/or early postemergence application for improved control on weeds such as Russian thistle, Kochia and common lambquarters. As a preemergence mix, apply Metribuzin 75 at 1/2 to 1 lb and Matrix at 1 to 1-1/2 oz per acre. As an early postemergence spray, apply Metribuzin 75 at 1/2 to 3/4 lb and Matrix at 1 to 1-1/2 oz per acre. Use a nonionic surfactant at a rate of 0.125% v/v (1 pt/100 gal-lion of water). Apply before the crop exceeds 14 inches in height. Postemergence applications of Matrix treatments should be made prior to June 30.

Special Precautions (Potatoes): Do not use Metribuzin 75 on potatoes in Kern County, California. Do not apply more than a total of 1-1/2 lbs Metribuzin 75 per acre in a single crop season regardless of the method of application. Do not make postemergence applications prior to rainfall or irrigation on recently cultivated potatoes, nor within 3 days after periods of cool, wet cloudy weather or injury may occur. Postemergence applications may cause some chlorosis or minor necrosis. These symptoms may be more severe if seed-piece decay is occurring or if growing conditions favor crop stress. Postemergence applications may be made only on rasset or white skinned varieties that are not early maturing.

Potato varieties may vary in their response to herbicide applications. When using Metribuzin 75 for the first time on a particular variety, always determine crop tolerance before using on a field scale.

Do not apply Metribuzin 75 within 60 days of harvest. Do not rotate any crop not listed on this label for 18 months following application. Do not use air blast sprayers. Do not apply to sweet potatoes or yams.

Do not plant sensitive crops such as onions, lettuce, cole crops and cucurbits during the next growing season following Metribuzin 75 application.

Certain cereals are sensitive to Metribuzin 75 (see cereal section of this label for sensitive varieties) and should not be planted during the next growing season unless the following cultural practices occur:

1. Potato vines left in rows as a result of harvest must be uniformly distributed over the soil surface prior to plowing and

2. Plow with a moldboard plow to a depth sufficient to mix the upper 8 inches of soil.

ALFALFA AND SAINFOIN
Metribuzin 75 herbicide is labeled for use in alfalfa and sainfoin in the following areas:

1. Alfalfa and sainfoin (including mixed stands with grasses) (all areas except California).

2. Alfalfa and sainfoin (Including mixed stands with grasses) (California only).


5. Alfalfa - Non-Dormant, Non-Winter Hardy varieties (Arizona only).

Metribuzin 75 may be used in aerial or ground spray equipment as a broadcast surface application to established crops of alfalfa and sainfoin for the control of certain grass and broadleaf weeds.

Application: Refer to “General Information” in the front of this label for detailed information on the application of Metribuzin 75. For information on applying Metribuzin 75 in fluid or on dry fertilizer refer to the “Application of Metribuzin 75 in Fluid Fertilizers” or “Commercial Impregnation And Application Of Metribuzin 75 On Dry Bulk Fertilizer” under the “General Information” section of this label.

Special Precautions: Use Metribuzin 75 only on established alfalfa and sainfoin. Do not apply Metribuzin 75 after growth begins in the spring or before growth ceases in the fall, except as specified on this label.

Do not graze or harvest within 28 days after application.

For best weed control, apply Metribuzin 75 when weeds are less than 2 inches tall or before weed foliage is 2 inches in diameter. Reduced weed control may occur when extended dry conditions follow application of Metribuzin 75.

Crop injury may occur when:

1. Crop is under stress conditions such as diseases, insect infestations, poorly drained soils, drought or winter injury at time of application;

2. Crop is treated within 12 months after seeding;

3. There is excessive irrigation or rainfall immediately after application. Do not apply more than 1/8 inch of water in the first irrigation after Metribuzin 75 is applied.

Alfalfa and Sainfoin (All Areas Except California)

Broadcast Applications

Crop | Metribuzin 75 Lb/Acre
--- | ---
Alfalfa and Sainfoin (Except California) | Select the proper dosage according to weeds known to be present and in field to be treated. On loamy sand soils in Oregon and Washington, do not apply more than 3/4 lbs Metribuzin 75 per acre.

For Use On Mixed Stands Of Alfalfa And Grasses

Rates of 1/2 to 1 lb of Metribuzin 75 per acre will provide partial reduction of forage grass stands. These rates may be used to reduce forage grass stands to prevent crowding out of alfalfa. Higher rates will severely reduce forage grass stands.

Metribuzin 75 should not be used on sand soils. In areas West of the Rocky Mountains, avoid using Metribuzin 75 on soils with calcareous surface area, high levels of lime or sodium, or a pH greater than 8.2.

Weeds Controlled (Except California)

1/2 to 1 lb Metribuzin 75/Acre

Chickweed, Common (Stellaria media) | 1/2 to 1 lb Metribuzin 75/Acre
Deadnettle, Purple (Lamium purpureum) | Pennycress (Thlaspi arvense)
Daisy brome (Bromus tectorum) | Sheepspur spurge (Capsella bursa-pastoris)
Japanese brome (Bromus japonicus) | Japanese brome (Bromus inermis)

Grasses

Broadleaf

Barnyardgrass (Echinochloa crus-galli) | Smooth Brome (Bromus inermis)
Bluegrass (Poa annua) | Wild Oats (Avena fatua)

Chickweed, Mouseear (Cerastium vulgatum) | 1/2 to 1 lb Metribuzin 75/Acre
Meadow S ipAddress (Tragopogon pratensis) | Dandelion (Taraxacum officinale)
Mustard, Blue (Chorispora tenella) | Ragweed, Common (Ambrosia artemisiifolia)

Foxtail, Green (Setaria viridis) | 1/2 to 1 lb Metribuzin 75/Acre
Little Barley (Hordeum pusillum) | Redroot Pigweed (Amaranthus retroflexus)
Pea, Grass (Pisum sativum) | Yellow Rocket (Barbarea vulgaris)

For Weeds Partially Controlled: At the rate of 1-1/2 lb/acre Metribuzin 75 may be used to reduce the competition from early dock (Rumex crispus).
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At ½ to 1½ lb/acre, Metribuzin 75 may be used to reduce the competition of German Moss or Iwwalea (Sclenatosa annua).

Alfalfa and Sainfoin (California Only)
(Including Mixed Stands With Grasses)
Metribuzin 75 may be used in aerial or ground spray equipment as a broadcast surface application to dormant established crops of alfalfa and sainfoin.

Application: Metribuzin 75 may be used in aerial or ground spray equipment as a broadcast surface application to dormant established crops of alfalfa and sainfoin for control of certain grass and broadleaf weeds. Do not apply Metribuzin 75 after growth begins in the spring or before growth ceases in the fall. Do not apply to either alfalfa or sainfoin during the first growing season after seeding.

For information on applying Metribuzin 75 in fluid fertilizer solutions to alfalfa, refer to the appropriate section of this label.

For information on Commercial impregnation and application of Metribuzin 75 on dry bulk fertilizer, refer to the appropriate section of this label.

Weeds Controlled
½ to 1½ Lb Metribuzin 75/Acre

**Broadleaves**
- Chickweed
- Common lambsquarters
- Flaxweed
- Henbit (Lamium amplexicaule)
- Kochia (Kochia scoparia)
- Meadow Salsify (Tragopogon pratensis)
- Mustard, Blue (Chlorispora tenella)

**Grasses**
- Smooth Brome (Bromus secalinus)
- Wild Oats (Avena fatua)

1½ to 2 Lb Metribuzin 75/Acre

**Grasses**
- Barnyardgrass (Echinochloa crus-galli)
- Bluegrass (Poa annua)

**Broadcast Applications**

**Crop**
- Metribuzin 75 Lb/Acre

**Alfalfa and Sainfoin (California Only)**
- ½ to 1½ Lb

Select the proper dosage according to weeds known to be present in the field to be treated. Apply specified dosage in 20 to 40 gallons of water per acre with ground spray equipment or 3 to 10 gallons of water per acre with aerial spray equipment fitted with nozzles suitable for broadcast applications of herbicides. Treat only dormant established crops of alfalfa and sainfoin. Injury may occur to alfalfa if Metribuzin 75 is applied earlier than 12 months after seeding. Do not apply after Spring growth begins or before growth ceases in the Fall. Do not graze or harvest within 28 days after application.

At the 1½ to 2 lb/acre rate, Metribuzin 75 may be used for suppression of curly dock.

For Use On Mixed Stands Of Alfalfa And Grasses: Rates of ½ to 1½ lb of Metribuzin 75 per acre will provide partial reduction of forage grass stands. These rates may be used to reduce forage grass stands to prevent crowding out of alfalfa. Higher rates will severely reduce forage grass stands.

Do not apply with aerial spray equipment when wind speed is greater than 10 mph. Do not apply when weather conditions favor spray drift and when sensitive cool season crops, such as cole crops, orons, peas, or strawberries, are present in adjacent fields. Applications should not be made when weather conditions favor spray drift, especially in areas where wheat is growing on coarse textured soils in adjacent fields, or injury may occur.

ALFALFA

Metribuzin 75 plus Gramoxone Intenon Tank-mix

Application: Metribuzin 75 plus Gramoxone Intenon tank-mix application may be used, during the dormant season, in aerial or ground spray equipment as a broadcast surface application to established (at least 1 year old) alfalfa for the control of certain grass and broadleaf weeds. Do not apply Metribuzin 75/Gramoxone Intenon tank-mix to regrow (after grazing or cutting) that is more than 2 inches tall. Apply once per season. Do not apply Metribuzin 75/Gramoxone Intenon tank-mix to regrow (after grazing or cutting) that is more than 2 inches tall. Apply once per season. Do not apply Metribuzin 75/Gramoxone Intenon tank-mix to regrow (after grazing or cutting) that is more than 2 inches tall. Apply once per season.

Weeds Controlled: Metribuzin 75 plus Gramoxone Intenon (1½ to 2½ lb/acre) tank-mix application will control established weeds. Gramoxone Intenon controls weeds by contact activity.

1½ to 2½ Lb of Metribuzin 75 Per Acre

**Common Chickweed**
- Bluegrass
- Cheat
- Downy brome

**Bluegrass**
- Field pennycress
- Henbit
- Japanese brome

**Chickweed**
- Reseagrass
- Shepherds purse

**Downy brome**
- Japanese brome

Use Metribuzin 75 at ½ to 2 Lb/Acre for control of the following weeds:

**Broadleaves**
- Mustard
- Common lambsquarters
- Flaxweed
- Green foxtail
- Henbit
- Kochia
- Jim Hill mustard
- Kowhai
- Little barley

**Grasses**
- Meadow salsify
- Peppermint
- Prickly lettuce
- Redroot pigweed
- Rough fescue
- Ryegrass
- Wild buckwheat

**Applications**

**Dowse/Acre**
- **Metribuzin 75**
  - 0½ to 1 Lb
  - Plus: Gramoxone Intenon
  - 0½ to 2½ Pt

Apply specified dosages of Metribuzin 75 and Gramoxone Intenon in at least 10 gallons of water per acre with aerial equipment or at least 20 gallons of water per acre with ground equipment. Do not apply this tank mix to alfalfa growth if more than 2 inches tall. For best weed control, apply when broadleaf weeds and grasses are 1½ to 2½ inches tall and are actively growing. Wild oats should be taken to avoid overlaps. Do not apply more than 2½ lb of Metribuzin 75 per acre on foamy sand soils. Reduced weed control may occur when extended dry conditions follow application of Metribuzin 75. Crop injury may occur if alfalfa is under stress conditions such as diseases, insect infestations, drought or winter injury or if Metribuzin 75 is applied to alfalfa earlier than 12 months after seeding.

For Use On Mixed Stands Of Alfalfa And Grasses: Rates of ½ to 1½ lb of Metribuzin 75 per acre will provide partial reduction of forage grass stands. These rates may be used to reduce forage grass stands to prevent crowding out of alfalfa.

Do not graze or harvest within 42 days after application.

In areas west of the Rockies, avoid the use of Metribuzin 75 on soils with calcareous surface, soils with high levels of lime or sodium and with a pH greater than 8.2.

Do not apply when weather conditions favor spray drift. Aerial application should not be made when wind speed is greater than 10 mph.

Do not use on sand soil.

Refer to the Gramoxone Intenon label for additional directions, weed species controlled and precautions.

Post-Dormant Application of Metribuzin 75 Impregnated on Dry Fertilizer Only
Metribuzin 75 may be applied after dormancy has broken, but prior to three inches of new alfalfa shoot growth, when irrigation equipment is ready to be applied on dry fertilizer in Connecticut, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Texas and Wisconsin. Apply at rates of 1 to 1½ lb per acre as directed on this label for application during dormancy. Apply only when alfalfa foliages is dry or crop injury may occur. When using this application method, do not harvest or graze treated alfalfa for 60 days after application.

Alfalfa
Non-Dormant, Non-Winter Hardy Varieties
(Arizona Only)
Metribuzin 75 may be used as a broadcast surface application to established crops of non-dormant alfalfa varieties for preemergence and postemergence control of certain winter annual weeds following either a fall or winter sheep grazing/green-chop harvest.

Weeds Controlled:
- Field pennycress
- Lambsquarters
- Little mallow (chuckweed)
- Littleseed canarygrass
- London rocket (mustard)
- Prickly lettuce

**Applications**

**Crop**
- Metribuzin 75 Lb/Acre

**Alfalfa**
- ½ to 1½ Lb

Apply specified dosage by aerial or ground spray equipment in 7 to 40 gallons of water per acre. Treat established alfalfa stubble after fall or winter sheep grazing or green-chop harvest and prior to the time regrowth is 2½ ft tall. Alfalfa foliage present at time of application can exhibit yellowing. Injury may occur to alfalfa in areas of high salt concentration where the crop is stunted and/or has a poorly developed root system, or if alfalfa is under stressed growing conditions such as diseases, insect infestations, or drought. For most effective postemergence weed control, treatment should be made before weeds are 2½ ft tall or before leaf rosettes are 2½ wide. For maximum control, rainfall (½ to more%) or irrigation is necessary within 30 days of treatment, however, do not flood irrigate within 2 days after treatment. Use ½ lb Metribuzin 75 on sand soil when only mustard, goosefoot, lambquarters, or canary grass are the weeds to be controlled. Do not apply earlier than 6 months after seeding. Do not graze or harvest within 28 days after application.

Special Precautions: Maintain continuous mechanical agitation in the spray tank to ensure a uniform spray mixture. Do not apply with aerial spray equipment when wind speed is greater than 10 mph. Do not apply when weather conditions favor spray drift. Weeds, such as sensitive cool season crops, such as cole crops, are present in adjacent fields. Applications should not be made when weather conditions favor spray drift especially in areas where wheat is growing on coarse textured soils in adjacent fields or injury may occur.
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APARAGUS

Established

Metrribuzin 75 may be used in ground spray equipment or sprinkler irrigation (center pivot, lateral move, or solid set) systems as a single preemergence broadcast application or as a split application consisting of a preemergence broadcast application followed by a post-harvest broadcast application.

Aerial application is prohibited.

Refer to the “General Information” section of this label for directions.

Weeds Controlled: Metribuzin 75, applied to established asparagus according to directions, will effectively control:

Broadleafs

Chickweed, Common (Stellaria media)  Ragweed, Common (Ambrosia

Jimsonweed (Datura stramonium)  artensissima)

Lamb's quarters (Chenopodium album)  Smartweed, Pennsylvania

Ragweed, Redroot (Amaranthus (Polygnum pensylvanicum)

Sorrel, Red (Rumex acetosella)  Velvetleaf (Abutilon theophrasti)

Grasses

Crapgrass (Digitaria spp.)  Sandbur, Field (Cenchrus pascuicus)

Portulas (Portula spp.)

Broadcast Applications

Crop  Metribuzin 75 Lb/Acre

Asparagus  Preemergence Application only

Preemergence Application Only: Make a single surface

application in early Spring before asparagus spears or ferns

emerge. If the field is to be disked, apply Metribuzin 75 after disking

but before the crop emerges. Use the lower rate for control of the

broadleaf weeds listed above. Use the higher rate in fields with a

history of severe infestations of grasses and for maximum residual

control. Do not apply within 14 days of harvest.

Asparagus  Split Application

Preemergence And Post Harvest: Preemergence Application:

Apply before asparagus spears or ferns emerge. If the field is to be
disked, apply after disking but prior to crop emergence. Do not apply
within 14 days of harvest.

Post Harvest Application: Apply after last harvest of the season

but prior to emergence. The lower combination rates may be used for

control of common ragweed, lamb's quarters, redroot pigweed and

sorrel. Use the higher combination rates for other weeds listed or

in fields with severe grass infestations or for maximum post harvest

control of emerged weeds.

Important: The total amount of Metribuzin 75 applied in one crop season may not

exceed 2-1/2 lb per acre.

Special Precautions (Asparagus): Do not use on newly seeded asparagus nor on
young plants during the first growing season after setting crowns.

DO NOT APPLY POST HARVEST APPLICATIONS UNTIL AFTER THE LAST

HARVEST OF SPEARS.

CARROTS

Special Conditions of Sale Provision for Use on Carrots: The following directions for
use were developed under the direction of IR-4 (government minor crops use program).
Buyer is advised that Loveland Products, Inc. makes no assurances regarding satisfaction
with the product and to the extent consistent with applicable law all risks of crop
injury or product performance are assumed by the Buyer.

Apply Metribuzin 75 herbicide with ground equipment as specified below under
“Applications”. For effective control of broadleaf weeds with postemergence applica-
tions, apply Metribuzin 75 before weeds are 1 inch in height or diameter. Thorough
spray coverage is essential for adequate weed control.

Do not use air blast or other high-pressure spray equipment to make postemergence
applications of Metribuzin 75. Refer to the appropriate section of this label for additional
information regarding spray equipment, dilution rates, mixing, sprayer cleanup,

restoration, container disposal and cautions.

Refer to “Mixing” under the “General Information” section in the front of this label.

For specific application information see “General Information” and “Application” sections
at the front of this label.

Weeds Controlled: Metribuzin 75 applied to carrots according to directions will effec-
tively control:

Carpenteweed (Mulglo varicillata)  Pigweed, Redroot (Amaranthus retroflexus)

Galinsoga (Galinsoga parviflora)  Pigweed, Smooth (Amaranthus hybridus)

Hornwort (Conyza canadensis)  Pigweed (Chenopodium macronodis)

Lamb's quarters, Common  Prickly Lettuce (Lactuca serriola)

(Zynium album)  Shepherdspurse (Capsella bursa-pastoris)

Mustard, Wild (Sinapis arvensis)
**METHRIZIN 75**

**EPA REG. NO. 34704-876**

**Adjuvants**
The adjuvant types listed below may be utilized with certain Methribuzin 75 tank-mix combinations. Consult the tank-mix section for the appropriate adjuvant and rate. Use of other adjuvants or rates not listed on this label may result in severe leaf burn, crop stunting, and/or stand reduction. Use only adjuvants which are exempt from tolerance requirements under 40 CFR 190.1-001.

**UAN** (urea ammonium nitrate) is commonly referred to as 28, 30, or 32% N.

**Ammonium sulfate** (spray grade) may be used as an alternative to UAN with certain tank-mix combinations.

**Non-ionic surfactants** should contain at least 80% active ingredient.

**DO NOT USE** crop oil concentrate (COC) or any adjuvant containing vegetable or petroleum oils with any Methribuzin 75 tank-mixes as severe leaf burn, crop stunting, and/or stand reductions may occur.

**Rainfastness**
Methribuzin 75 will not reduce rainfastness of the listed tank-mix partners. Refer to the individual product labels for rainfastness recommendations.

**Sprayer Cleanup**
Refer to each tank-mix partner's label and the Sprayer Cleanup section of the Methribuzin 75 label for specific instructions on cleaning spray equipment. Special attention should be given to the required cleanup procedures for 2,4-D, Clarity, Rifle and Rifle Plus.

**Methribuzin 75 Postemergence Broadcast Directions**

**Product**
- Methribuzin 75 2 oz/A
- 2,4-D Amine or 2,4-D LVE ½ to 1 pt/A

**Rate**
- 2 oz/A
- ½ to 1 pt/A

**Directions And Remarks**
- Apply as a broadcast spray during the interval from corn emergence until corn is 8 inches tall. Apply only to varieties known to be tolerant to 2,4-D. **DO NOT USE ADJUVANTS.**
- 2,4-D Amine or 2,4-D LVE may cause injury to nearby sensitive crops. 2,4-D applications may result in brittle corn stalks and winds or cultivation may cause stalk breakage. To reduce damage, delay cultivation 8 to 10 days after application.

**Methribuzin 75 Post Directed Directions**

**Product**
- Methribuzin 75 2 oz/A
- 2,4-D Amine or 2,4-D LVE ½ to 1 pt/A
- Clarity ½ to 1 pt/a

**Rate**
- 2 oz/A
- ½ to 1 pt/A
- ½ to 1 pt/A

**Directions And Remarks**
- Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. A non-ionic surfactant (1 qt/100 gal of spray solution) may be added to improve weed control. Anzine is a restricted use herbicide. Follow all state and federal label recommendations and restrictions pertaining to atrazine applications.

**Methribuzin 75 + Basagran**

**Rate**
- 2 oz/A
- 1 pt/a

**Directions And Remarks**
- Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. A non-ionic surfactant (1 qt/100 gal of spray solution) may be added to improve weed control. Anzine is a restricted use herbicide. Follow all state and federal label recommendations and restrictions pertaining to atrazine applications.

**Methribuzin 75 + Basagran + Buctril**

**Rate**
- 1.6 to 2 oz/A
- 1 pt/a

**Directions And Remarks**
- Apply as a broadcast spray when corn is in the fourth leaf stage or later but before the crop canopy closes the row. **DO NOT USE ADJUVANTS.** Use only to varieties known to be tolerant to 2,4-D. 2,4-D applications may result in brittle corn stalks and winds or cultivation may cause stalk breakage. To reduce damage, delay cultivation 8 to 10 days after application.

**Methribuzin 75 + Buctril + atrazine (Premix)**

**Rate**
- 1.6 to 2 oz/A
- 1 pts/A

**Directions And Remarks**
- Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. **DO NOT USE ADJUVANTS.** Occasional temporary leaf burn may occur and is similar to that observed from liquid fertilizers. Recovery is generally rapid with no lasting effect. To reduce potential for crop damage, application should be made to dry corn foliage when weather conditions are not extreme.

**Methribuzin 75 + Basagran + Buctril**

**Rate**
- 2 oz/A
- 1.33 to 1.66 pt/a

**Directions And Remarks**
- Apply as a broadcast spray after corn emergence until the corn is 12 inches tall. Adjuvants such as UAN (0.5 to 1 gal/A) may increase weed control. Laddox S-12 contains atrazine, and is a restricted use product. Follow all state and federal label recommendations and restrictions pertaining to atrazine.

**Methribuzin 75 + Basagran + Buctril + Clarity**

**Rate**
- 2 oz/A
- 1-½ to 2 pt/a

**Directions And Remarks**
- Apply as a broadcast spray from corn emergence through the five-leaf stage or when corn is 8 inches tall, whichever occurs first. For Rifle applications to corn greater than 8 inches in height, consult the Rifle label for use rates and restrictions. If growing conditions are dry and plants are stressed, addition of a non-ionic surfactant (1 qt/100 gal of spray solution) may improve weed control. For corn grown on coarse, textured soils, apply Clarity at 0.5 pt/A, regardless of application method. Application may cause injury to nearby sensitive crops or plants. Application may result in temporary leaning of corn plants. Delay cultivation until plants return to normal growth patterns to avoid stalk breakage. Rifle Plus contains atrazine and is a restricted use product. Follow all state and federal label recommendations and restrictions pertaining to atrazine.

**Methribuzin 75 + Pursuit + Resource**

**Rate**
- 3 fl oz/A
- 4 to 6 fl oz/a

**Directions And Remarks**
- Apply as a broadcast spray to field corn from 2-leaf to 10-leaf (visible leaf collar) stage. Adjuvants such as nonionic surfactant (0.25% v/v), UAN (2% v/v) or ammonium sulfate (2.5 lbs/A) may increase weed control.

**Special Precautions**
1. Do not use on corn grown for seed, sweet corn, popcorn, or white corn.
2. Do not apply more than 0.25 pounds a.i. Methribuzin (5-13 ounces Methribuzin 75) per acre per use season.
3. Do not apply when field corn is under stress (see Stress statement below).
4. Do not use aerial applications if sensitive crops or plants are growing in the vicinity of the area to be treated.
5. Do not allow spray drift onto sensitive crops or plants.
6. Do not use on sand, loamy sand or sandy loam soils that have less than 0.5% organic matter.
7. Do not use on sand or loamy sand soils in Washington, Oregon, or Idaho or crop injury may occur.
8. Observe all precautions and limitations on labeling of all products used in the tank-mixtures.

**Stress** is any condition or combination of conditions which impairs normal crop growth. Weather, disease, insect damage, fertility or other factors may cause stress. Applications made before or after the corn is under stress from these factors or from periods of prolonged cold, wet, and cloudy weather or widely fluctuating day and nighttime temperatures, may result in temporary leaning of young corn, yellowing and/or stunting of the crop. Recovery from damage is generally rapid with no lasting effects on new growth. Under extreme stress, stand reductions may occur.

**Feeding Restrictions:** Field corn treated with Methribuzin 75 may be grazed or harvested for silage or grain 60 days after treatment. Follow the most restrictive preharvest interval on the labels of the products used in the tank-mixtures.

**Tank-Mix Combinations**
The Methribuzin 75 tank-mixtures listed below can be utilized for control of certain annual broadleaf weeds.
### Metribuzin 75 +

**EPA REG. NO. 34704-876**

*These tank mixtures with Metribuzin 75 will control the following annual weeds up to the maximum heights listed:*

<table>
<thead>
<tr>
<th>COMMON WEED NAME</th>
<th>Atrazine</th>
<th>Rifle/Clarity</th>
<th>Basagran</th>
<th>Buctril/Buctril + atrazine</th>
<th>2,4-D</th>
<th>Rifle Plus</th>
<th>Pursuit</th>
<th>Laddok S-12</th>
<th>Resource</th>
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</thead>
<tbody>
<tr>
<td>Amaranth, Palmer</td>
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<td>2</td>
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<tr>
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<td>Smartweed, Pennsylvania</td>
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<td>Sunflower, common</td>
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<td>Vellveeta</td>
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</tbody>
</table>

*When weeds are approaching the maximum height listed or are found in high densities, use the higher rate of Metribuzin 75 and the selected tank mix partners.

*These treatments will not control triazine resistant biotypes.

### Weeds Controlled - Post Direct Application

*These tank mixtures with Metribuzin 75 will control the following annual weeds up to the maximum heights listed:*

<table>
<thead>
<tr>
<th>COMMON WEED NAME</th>
<th>2,4-D</th>
<th>Buctril</th>
<th>Rifle</th>
<th>MAXIMUM WEED HEIGHT IN INCHES*</th>
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</thead>
<tbody>
<tr>
<td>Amaranth, Palmer</td>
<td>12</td>
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<tr>
<td>Cocklebur common</td>
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<td></td>
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<tr>
<td>Jimsonweed</td>
<td>10</td>
<td>10</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Ladybird thumb</td>
<td>6</td>
<td>6</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Lambsquarters, common</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Morningglory, entire leaf</td>
<td>18</td>
<td>18</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Morningglory, leaf leaf</td>
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<td></td>
</tr>
<tr>
<td>Morningglory, leaf</td>
<td>18</td>
<td>18</td>
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<td></td>
</tr>
<tr>
<td>Morningglory, leaf</td>
<td>18</td>
<td>18</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Nightshade, black</td>
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<td>Nightshade, eastern black</td>
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<td>Pigweed, redroot</td>
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<td>Pigweed, smooth</td>
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<td>Pigweed, giant</td>
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<tr>
<td>Smartweed, Pennsylvania</td>
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</tr>
<tr>
<td>Sunflower, common</td>
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<td>12</td>
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</tr>
<tr>
<td>Vellveeta</td>
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<tr>
<td>Waterhempp, app</td>
<td>12</td>
<td>12</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

*When weeds are approaching the maximum height listed or are found in high densities, use the higher rate of Metribuzin 75 and the selected tank mix partners.

### Perennial Weed Suppression

The following Metribuzin 75 tank mixes will provide top growth burndown and in season suppression of the following perennial weeds; however, regrowth may occur. For the best performance on these weeds, use the maximum rates of Metribuzin 75, Buctril, Buctril + atrazine, Clarity, Rifle, Rifle Plus, 2,4-D LVE or Pursuit specified for these tank mixes.

**METRIBUZN 75 + Clarity or Rifle**

Bindweed, field, Dandelion, common; Dock, curly; Smartweed, swamp; Thistle, Canada.

**METRIBUZN 75 + Buctril or Buctril + atrazine**

Thistle, Canada.
METRIBUZIN 75  
EPA REG. NO. 34704-876

METRIBUZIN 75  +  2,4-D LYE

Birdweed, field; Dandelion, common; Dock, curly; Smartweed, swamp; Thistle, Canada.

METRIBUZIN 75  +  Rifle Plus

Birdweed, field; Dandelion; common; Dock, curly; Smartweed, swamp; Thistle, Canada.

Metribuzin 75  +  Pursuit

Thistle, Canada.

PREPLANT AND PRE-EMERGEANCE

Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, South Dakota and Wisconsin

Metribuzin 75 may be used for additional residual control of certain broadleaf weed species in corn when applied as a tank-mix combination with both grass and broadleaf herbicides registered and labeled for use in field corn. Metribuzin 75 can be tank-mixed with the following herbicides:

- Atracuril
- Cadence
- Clarity
- Dual MAGNUM
- Dual II MAGNUM
- Gunflint MAX
- Harness Extra
- Linex
- Lorox
- Linuron
- Pentagon
- Topnotch

*aUse only on Pursuit-resistant/tolerant corn hybrids (IMI corn).

**Application:** Metribuzin 75 may be applied to field corn preplant without incorporation up to 30 days prior to planting or preemergence. Applications may be made by either ground or aerial equipment. For tank-mixes, follow the most restrictive application methods of all products used.

**Special Precautions:**
1. Do not apply more than 5-1/2 ounces Metribuzin 75 (0.25 pound active ingredient) per acre per growing season.
2. Do not apply on soils having pH 7.0 or greater.
3. Corn seed should be planted a minimum of 1-1/2 inches deep.
4. Metribuzin 75 may only be used in hybrid seed corn production fields if both inbred parents are known to be tolerant to Metribuzin 75.
5. Do not use on muck soils as reduced weed control may result.
6. Observe all precautions and limitations on labeling of all products used in tank-mixes.

**Feeding restrictions:** Corn treated with Metribuzin 75 may be harvested for silage or grain 60 days after treatment. For tank-mixes, follow the most restrictive preharvest interval of all products used.

**Weeds controlled:** Metribuzin 75 will aid in the residual preemergence control of the following weed species when tank-mixed with other registered grass and/or broadleaf corn herbicides:
- Horseweed/Marestail
- Smartweed, Pennsylvania
- Ladysthumb
- Sunflower
- Lambquarters, common
- Velvetleaf
- Pigweed spp.
- Waterhemp, Tall
- Redroot Pigweed
- Wild Mustard

**For control of emerged weeds refer to the 'Burndown Weed Control' section of the Metribuzin 75 label.

**METRIBUZIN 75 FIELD CORN RATE DIRECTIONS**

<table>
<thead>
<tr>
<th>STATES</th>
<th>APPLICATION TIMING</th>
<th>METRIBUZIN 75 oz/A</th>
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</thead>
<tbody>
<tr>
<td>Iowa</td>
<td>Preplant (0 to 30 days)</td>
<td>2 to 5-1/2</td>
</tr>
<tr>
<td>Kansas</td>
<td>Preplant (0 to 30 days)</td>
<td>2 to 5-1/2</td>
</tr>
<tr>
<td>Missouri</td>
<td>Preemergence</td>
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<tr>
<td>Nebraska</td>
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<tr>
<td>South Dakota</td>
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<tr>
<td>Illinois</td>
<td>Preplant (10 to 30 days)</td>
<td>2 to 5-1/2</td>
</tr>
<tr>
<td>Kentucky</td>
<td>Preplant (0 to 9 days)</td>
<td>2 to 4</td>
</tr>
<tr>
<td>Michigan</td>
<td>Preplant (0 to 9 days)</td>
<td>2 to 4</td>
</tr>
<tr>
<td>Minnesota</td>
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<td>Ohio</td>
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<tr>
<td>Wisconsin</td>
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</tbody>
</table>

**REMARKS:**
Application as a broadcast spray prior to corn emergence from the soil. Do not apply Metribuzin 75 on coarse textured soils with less than 1.5% organic matter. Do not apply more than 4 oz. Metribuzin 75 per acre on soils with less than 2.0% organic matter. For heavy weed infestations and/or early preplant applications, use the higher rates of Metribuzin 75.

**GARBANZO BEANS (Chickpeas)**

California, Idaho, Oregon and Washington

Special Conditions of Sale for Use on Garbanzo Beans (Chickpeas): The following directions for use were developed under the direction of RR (government minor crops use program). Buyer is advised that Loveland Products, Inc. makes no assurances regarding satisfaction with the product and that to the extent consistent with applicable law all risks of crop injury or product performance are assumed by the Buyer.

Metribuzin 75 herbicide may be used as a preemergence application for the suppression of certain broadleaf weeds in garbanzo beans.

**WEEDS SUPPRESSED**:
- Common Chickweed
- Common Lambsquarters
- Dog Fennel (Mayweed)
- Field Pennygrass
- Hurley Herb

*Suppression is a reduction in weed size and growth compared to a non-treated area in the same field. Metribuzin 75 used alone will not control trisazine-resistant weed species.

**BROADCAST APPLICATIONS**

**CROP** | **METRIBUZIN 75 Lb/Acre**
---|---
Garbanzo beans | Apply specified dosage in a single preemergence application using 10 to 40 gallons of water per acre with ground spray equipment. Apply before or after planting but before crop emergence. Thorough incorporation, either by rainfall or by mechanical means, is essential for weed suppression. Under dry conditions, incorporate Metribuzin 75 into the top 1 to 2 inches of soil with spike hoppers, or similar shallow incorporation equipment, then cross harrow to insure uniform soil incorporation. Where soil surface is moist at the time of application and rain follows before weed emergence, a broadcast application should provide adequate weed suppression. Use on coarse-textured soils, sandy soils or any soil with less than 1.5% organic matter will likely cause crop injury. Use the higher rate on fine-textured soils (high in clay or organic matter) and in fields with a history of high weed populations.

**SPECIAL PRECAUTIONS:**
Crop injury may result if crop is under stress conditions caused by cold weather, poor soil fertility, diseases or insect damage.

Crop injury may result if application if followed by heavy rain. Avoid application of more than 1 inch of irrigation within one month after application of Metribuzin 75, or crop injury may occur.

Do not use on clay knobs or poorly covered subsoils.

Do not apply preemergence on shallow seedlings less than 2 inches deep.

Do not graze or feed treated vines to livestock within 40 days after application.

Maintain continuous spray tank agitation to keep material in suspension. Avoid overlapping of spray swaths and shut off spray booms while turning, slowing or stopping, or crop injury will occur.

**NOTE:** This treatment may cause some chlorosis or minor necrosis. Because garbanzo bean varieties may vary in their susceptibility to Metribuzin 75, determine crop tolerance prior to adoption as a field scale practice to prevent possible injury.

**LENTILS AND PEA**

(Idaho, Oregon, Washington, Montana and North Dakota)

Metribuzin 75 herbicide may be used as a preemergence and postemergence application for the suppression of certain broadleaf weeds in lentils and peas.

**WEEDS SUPPRESSED**
- Common Chickweed
- Corn Spurry
- Dog Fennel
- Field Pennygrass
- Hurley Herb
- Lambsquaters
- Redroot Pigweed
- Shepherds purse
- Wild Mustard

**PREEMERGENCE APPLICATION:**
Make a single preemergence application of Metribuzin 75 at 4 to 6 lb per acre for lentils. Apply in 10 to 40 gallons of water per acre with ground spray equipment or 5 or more gallons of water per acre with air-assisted spray equipment. Apply Metribuzin 75 before or after planting. Thorough incorporation, either by rainfall or by mechanical means, is essential for weed suppression. Under dry conditions, incorporate Metribuzin 75 into the top 1 to 2 inches of soil with spike hoppers, or similar shallow incorporation equipment, then cross harrow to insure uniform soil incorporation. Where soil surface is moist at the time of application and rain follows before weed emergence, a broadcast application should provide adequate weed suppression.

Use the higher rate on fine-textured soils (high in clay or organic matter) and in fields with a history of high weed populations.

Metribuzin 75 may be applied pre- or post plant incorporated as a tank-mix combination with Far-Gro® 4EC. Follow the Directions for Use statements on both product labels.

**POSTEMERGENCE APPLICATION:**
One postemergence application may be made per season. Use 1 to 2 lb of Metribuzin 75 per acre on lentils and spring peas. On winter peas, use 1/2 to 1 lb of Metribuzin 75 per acre. For suppression of morning glory, use 1/2 lb Metribuzin 75 per acre. Apply specified dosage in 20 or more gallons of water per acre with ground spray equipment or 5 or more gallons of water per acre with air-assisted spray equipment. Do not exceed 40 psi with ground spray equipment. Apply as a broadcast spray when weeds are small (less than 2 inches in height or diameter) and before crop is 6 inches tall.
METRIBUZIN 75
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Temporary chlorosis of the crop may occur. There is an added risk of crop injury if a postemergence application is made following a previous preemergence or post plant incorporated Metribuzin 75 application.

Do not apply over very moist soils or wet crop foliage. Do not apply postemergence applications within 3 days after periods of cool, wet, or cloudy weather or crop injury may occur.

Do not apply within 24 hours of treatment with other pesticides.

SPECIAL PRECAUTIONS (all applications): Do not apply more than 7 lb Metribuzin 75 per acre per year. Crop injury may result if crop is under stress conditions caused by cold weather, low fertility, disease or insect damage.

Crop injury may also result if application is followed by heavy rain.

Do not use on coarse-textured soils, sandy soils or soils with less than 1.5% organic matter.

Do not apply to "Eatin" lentils.

Do not use on clay soils or poorly covered subsoils.

Do not apply on shallow seedings less than 2 inches deep (preemergence only).

Do not apply within 50 days of harvest of peas, or within 75 days of harvest of lentils. Do not graze or feed treated vines to livestock within 40 days after application.

Maintain continuous spray tank agitation to keep material in suspension. Avoid overlapping and shut off spray booms while turning, slowing or stopping, or crop injury may occur.

NOTE: This treatment may cause some chlorosis or minor necrosis. Because lentil and pea varieties may vary in their susceptibility to Metribuzin 75, determining crop tolerance prior to adoption as a field scale practice is suggested to prevent possible injury.

For additional precautions, restrictions, limitations, and sprayer clean-up information refer to the appropriate sections of this label.

SPECIAL PRECAUTIONS FOR AREAS OF SUGARCANE USE

For aerial and chemotherapy application methods on sugarcane the maximum application rate is 2-7/16 lb Metribuzin 75 per acre.

To assure that spray will not adversely affect adjacent sensitive non-target plants, apply this product by aircraft at a minimum upwind distance of 400 ft from sensitive plants. Do not rotate any crop not listed on this label for 18 months following application.

SUGARCANE
(Hawaii Only)

Metribuzin 75, a selective herbicide, is effective as a preemergence and an early postemergence broadcast application for control of certain grass and broadleaf weeds. When applied as a spot treatment, it also provides excellent control of perennial grasses and broadleaves.

Ground Application: Metribuzin 75 should be mixed by filling the spray tank half full of clean water. Then add the specified amount of Metribuzin 75 to suit the total tank capacity and the rate of application per acre (preference 25 to 35 gallons per acre). Complete filling the tank and maintain sufficient agitation during mixing and spraying to ensure a uniform spray mixture.

Aerial Application: Metribuzin 75 may be used in aerial spray equipment as a preemergence or postemergence application to irrigated sugarcane. Aerial spray equipment should be calibrated to apply the proper amount of Metribuzin 75 in 5 to 10 gallons of spray mixture per acre.

Metribuzin 75 applied preemergence or postemergence to the sugarcane as a broadcast spray or spot treatment will effectively control the following weeds less than 3 inches in height:

Weeds Controlled in Irrigated and Non-irrigated Sugarcane

Broadleaves

Amaranth, Spiny (Amaranthus spinosus)
Euphorbia, Wild (Euphorbia spp.)
Fireweed (Epilobium angustifolium)
Parsnips (Pastina sativa)
Sesame, Garden (Euphorbia hirta)
Sesame, Grassy (Euphorbia graminea)

Grasses

Cowgrass (Digitaria spp.)
Guinea Grass ( Panicum maximum)
Piggrass (Chloris gigantea)
Ricegrass (Oryzopsis hymenoides)
Winged grass (Eleusine indica)

SUGARCANE (HAWAII ONLY) BROADCAST APPLICATIONS

PREEMERGENCE (Irrigated and non-irrigated sugarcane):
Apply specified dosage per acre as a broadcast spray to the soil surface. Applications should be made within two weeks after planting prior to cane emergence or shortly after emergence (spike stage).

EARLY POSTEMERGENCE (Irrigated and non-irrigated sugarcane):
Apply specified dosage per acre as a broadcast spray over the cane. Application may be delayed as long as 4 to 6 weeks after planting provided weeds are less than 3 inches in height.

POSTEMERGENCE:
Apply specified dosage per acre as a broadcast spray to control weeds prior to "close in" time when cane shades out the weed growth.

SPOT TREATMENT:
Apply specified dosage in 30 to 50 gallons of finished spray per acre. Spot treatments may be used to control weeds in missed areas, corners of fields, or areas of hard to control weeds.

NOTE: Do not apply more than 10-3/4 lb of Metribuzin 75 (8 lb active ingredient) per acre cycle regardless of the method of application. The last application may be made up to 12 months of harvest.

SPECIAL PRECAUTIONS:
Do not use treated foliage for feed or forage.

SUGARCANE (Louisiana and Texas Only)

Preemergence and postemergence applications of Metribuzin 75 with aerial or ground spray equipment may be used for control of the following weeds in sugarcane in Louisiana and Texas:

Broadleaves

Amaranth, Spiny (Amaranthus spinosus)
Bistort, Field (Convolvulus arvensis)
Childweed (Capsella bursa-pastoris)
Horehound (Lamium amplexicaule)
Lamb’squarters (Chenopodium album)
London rocket (Stylophorum diphyllum)
Marsilea (Marsilea brandegei)
Mustard, Wild (Brassica kaber)
Pigweed (Amaranthus spp.)
Purslane (Portulaca oleracea)
Sow-thistle (Sonchus spp.)

Grasses

Broadleaf Signalgrass (Brachiaria platyphylla)
Crabgrass (Digitaria spp.)
Foxtails (Setaria spp.)
Johnsongrass, Seedling (Sorghum halepense)
Oats, Winter (Avena spp.)

SUGARCANE (LOUISIANA AND TEXAS ONLY) APPLICATIONS

Metribuzin 75
(1 lb/Acre)

2 to 4
BROADCAST: Apply specified dosage per acre using 20 to 30 gallons of water with ground equipment or 5 gallons of water with aircraft spray equipment. Apply as a broadcast spray during the Fall after planting or to the stubble after harvest. Make second application early in the Spring.

1 to 2
BAND: Apply specified dosage in 10 to 20 gallons of water per acre in a 30 to 36 inch band over the row during the Fall after planting or to the stubble after harvest. Make a second application early in the Spring.

SPECIAL PRECAUTIONS (Louisiana and Texas only):
Do not use treated foliage for feed or forage. Use the higher rate on heavy clay soil and soil with a high percentage of organic matter. If necessary, a third application may be made in late Spring at layby. Do not apply within 60 days of harvest.
SUGARCANE (Florida Only)

Postemergence-over-the-top or directed spray applications of Metribuzin 75 may be used for the control of the following weeds in sugarcane in Florida.

Broadleafs
- Amaranth, Spiny (seeding) (Amaranthus spinosus)
- Butterweed (Cresadobleps glandulosus) (Sanicula glabellula)
- Cudweed (Brephidium spp.)
- Purslane (Portulaca oleracea)

Grasses
- Crabgrass, large (Digitaria sanguinalis)
- Foxtail, bristlegrass (Setaria maglia)
- Goosegrass (Eleusine indica)
- Panicum, broadleaf (Panicum adspersum)
- Sigtibgrass, Broadleaf (Buchloe picea)

SUGARCANE (FLORIDA ONLY) APPLICATIONS

Metribuzin 75

<table>
<thead>
<tr>
<th>Li/acre</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>1-1/2 to 2-21/2</td>
<td>GROUND APPLICATION: Metribuzin 75 may be used in one or two applications with a minimum of 14 days between each application. Apply when weeds are less than 6 inches tall in 10 to 40 gallons of spray mixture per acre. POSTEMERGENCE BROADCAST OR BAND: Apply over the top of stubble or plant cane while sugarcane is less than 14 inches tall. POSTEMERGENCE DIRECTED SPRAY: Apply to sugarcane that is a minimum of 14 inches tall and before row closing.</td>
</tr>
</tbody>
</table>

1-1/2 to 2 | AERIAL APPLICATION: Apply when weeds are less than 4 inches tall in 5 to 10 gallons of spray mixture per acre. Apply to stubble or plant cane while the sugarcane is less than 14 inches tall. |

Metribuzin 75 Plus Atrazine Tank-Mix: Metribuzin 75 may be used with atrazine as a preemergence or postemergence (before row closing) application to sugarcane. Rates for Metribuzin 75 are 1 to 2-21/2 lb/acre and atrazine 80% WP (4L) are 2-1/2 to 5 lb/acre (2 to 4 qt/acre). For additional information on precautions, instructions, limitations, applications, and weed controls, refer to this label and the atrazine label.

SPECIAL PRECAUTIONS (Florida only): Do not use more than 2-21/2 lb/acre in a single growing season. Do not use on sand soils. Soy spray contact with sugarcane foliage may result in minor leaf margin chlorosis and/or necrosis. Do not apply within 60 days of harvest. Do not use treated crop for feed or forage. Avoid spray overlaps or variations in application speed that may result in insufficient or excessive rates of application.

TO TOMATOES

Apply Metribuzin 75 herbicide with ground equipment to seeded and transplanted tomatoe as specified below under "Applications".

Aerial application is prohibited.

For effective control of grasses and broadleaf weeds with postemergence applications, apply Metribuzin 75 before weeds are 1-inch tall. Thorough spray coverage on weed foliage is essential for adequate control with postemergence applications.

Do not use air blast or other high pressure spray equipment to make postemergence applications of Metribuzin 75. Refer to the appropriate section of this label for additional information regarding spray equipment, dilution rates, mixing, sprayer, cleanup, restrictions, container disposal and cautions.

For specific application information see the "General Information" section in the front of this label.

WEEDS CONTROLLED PREPLANT INCORPORATED APPLICATIONS TRANSPLANT TOMATOES ONLY

Broadleafs
- Galinsoga (Galinsoga spp.)
- Lambquartern (Chenopodium album)

Grasses
- Goosegrass (Eleusine indica)

Preplant incorporated applications applied as directed will suppress foxtails, panics, and barnyardgrass.

Metribuzin 75/Trifluralin Tank Mix: This tank mix combination applied preplant incorporated as directed on this label will control the weeds listed above plus those weeds listed on the trifluralin label.

For optimum control of these weeds, use the higher rate provided on the label for the type of application to be made. Repeat postemergence applications may be needed for best control.

Postemergence applications directed on this label will suppress barnyardgrass and crabgrass when these weeds are less than 1-inch tall.

WEEDS CONTROLLED POSTEMERGENCE APPLICATIONS ESTABLISHED TOMATOES

For effective control of weeds with postemergence applications, apply Metribuzin 75 before weeds are 1-inch tall.

Broadcast Sprays 1/2 to 1 lb Metribuzin 75/acre

Broadleafs
- Carpetweed (Mollugo verticillata)
- Fumitory (Fumaria officinalis)
- Galinsoga (Galinsoga spp.)
- Goosegrass (Eleusine indica)
- Mustard, Wild (Brassica kaber)
- Pigweeds (Amaranthus spp.)
- Purslane (Portulaca oleracea)
- Raspweed, Common (Ambrosia artemisiifolia)
- Smartweed, Pennsylvania (Polygonum pensylvanicum)
- Toadflax (Linaria spp.)
- Velvetleaf (Abutilon theophrasti)

Directed Sprays 1/2 to 1 lb Metribuzin 75/acre

Grasses
- Foxtail, Yellow (Setaria glauca)
- Goosegrass (Eleusine indica)

Plus Weeds Listed Under Broadcast Sprays

For optimum control of these weeds, use the higher rate provided on the label for the type of application to be made. Repeat postemergence applications may be needed for best control.

Postemergence applications as directed on this label will suppress barnyardgrass and crabgrass when these weeds are less than 1-inch tall.

BROADCAST APPLICATIONS FOR TOMATOES

Metribuzin 75

1/2 to 2

PREPLANT INCORPORATED - TRANSPLANT TOMATOES ONLY

Apply specified dosage in 10 or more gallons of water per acre as a broadcast spray to the soil surface immediately before transplanting. Incorporate to a depth of 2 to 4 inches with equipment capable of uniformly mixing the chemical into the soil. This application may be made alone or in a tank mix combination with trifluralin. When transplanting tomatoes, place the root system of the plants below the herbicide incorporation zone or injury may occur. Refer to the trifluralin label for specific rate of application and for additional precautions and restrictions for tomatoes.

1/2 to 2

POSTEMERGENCE BROADCAST SPRAY - ESTABLISHED TOMATOES: Apply specified dosage in 20 or more gallons of water per acre as a broadcast spray, or apply in 1/4 to 1/2 inch of water (use 1/4 to 1/2 inch of water on sandly soils) per acre as a continuous injection in center pivot and lateral move systems or apply in the last 15 to 30 minutes of set in permanent solid set sprinkler systems. One or more applications may be applied per use season. Allow at least 14 days between applications or severe crop injury may occur. For transplanted tomatoes, do not apply until transplants have recovered from transplant shock and new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides. Do not tank mix with other pesticides. (See "Special Precautions" below.) POSTEMERGENCE DIRECTED SPRAY - ESTABLISHED TOMATOES: Apply specified dosage in 20 or more gallons of water per acre as a directed spray. One or more applications may be applied per use season. Allow at least 14 days between applications or severe crop injury may occur. Avoid contacting tomato foliage with spray. This method of treatment should be used for use in fields with a history of severe weed pressure or in fields infested with hard-to-control weeds. For transplanted tomatoes, do not apply until transplants have recovered from transplant shock and new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides. (See "Special Precautions" below.) When banding uses the appropriate section in the front of this label.

1/2 to 2

POSTEMERGENCE DIRECTED SPRAY - ESTABLISHED TOMATOES: Apply specified dosage in 20 or more gallons of water per acre as a directed spray. One or more applications may be applied per use season. Allow at least 14 days between applications or severe crop injury may occur. Avoid contacting tomato foliage with spray. This method of treatment should be used for use in fields with a history of severe weed pressure or in fields infested with hard-to-control weeds. For transplanted tomatoes, do not apply until transplants have recovered from transplant shock and new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides. (See "Special Precautions" below.) When banding uses the appropriate section in the front of this label.

SPECIAL PRECAUTIONS (Tomatoes): Do not apply more than a total of 1-1/2 lb Metribuzin 75 per crop season.

Do not apply the total amount of 1-1/2 lbs Metribuzin 75 within a time span of less than 35 days, except in the case of directed sprays.

Allow at least 14 days between applications, regardless of dosage or method of application or severe crop injury may occur.

Do not apply within 7 days of harvest.

Do not apply within 3 days after periods of cool, wet or cloudy weather, or crop injury will occur.

Do not use hot caps on tomatoes within 7 days before or at any time after application of Metribuzin 75. Do not treat seeded tomatoes until plants have reached the 5 to 6 leaf stage or severe crop injury may occur.

Crop injury or delayed maturity may result from broadcast or directed spray applications if tomatoes are growing under stress conditions such as periods of drought or cool, wet and cloudy weather preceding application.
**METRIBUZIN 75**  
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For newly introduced tomato varieties with unknown tolerance to Metribuzin 75, treat only a small area to determine if Metribuzin 75 can be used without injury to the crop. **DO NOT USE METRIBUZIN 75 ON TOMATOES IN KERN COUNTY, CALIFORNIA.**

**CEREALS**  
(Spring and Winter Barley and Winter Wheat)

Metribuzin 75 herbicide may be used for control or suppression of certain grasses and broad-leaved weeds when applied postemergence to spring and winter barley or winter wheat. Metribuzin 75 alone and several tank-mixtures treatments are recommended for use in the following states: AR, GA, ID, IL, IN, KS, KY, LA, MS, MO, MT, NV, OH, OK, OR, TN, TX, UT, WA.

**Mixing**: See the "General Information" section of this label for specific mixing procedures. When tank-mixing, carefully follow the instructions on this label. Refer to the other product labels registered for use in barley and winter wheat for additional use directions, rates, weeds controlled and restrictions.

**Application**: Metribuzin 75 may be applied by aerial or ground application equipment. Use a minimum spray volume of 2-2.5 gpa at air and 10-15 gpa by ground. Uniform spray coverage is necessary to obtain optimum weed control and to minimize potential for crop injury. Do not exceed rates specified on this label. Do not apply Metribuzin 75 through any type of irrigation equipment. Apply Metribuzin 75 when the crop is healthy and actively growing. Metribuzin 75 may be applied more than once per crop season. Allow a minimum of 21 days between applications if wheat is actively growing or allow 45 days between applications if wheat is growing in adverse conditions, has entered dormancy, or is stressed due to frost damage, disease, drought or excessive moisture. Do not use on soils containing less than 0.75% organic matter. Do not apply more than a total of 10.68 ounces Metribuzin 75 (8 ounces active ingredient) per acre per year. On irrigated cereals, do not apply more than 0.5 inch of water for the first irrigation, the maximum amount for each additional irrigation should not exceed 1 inch. Allow a minimum of 14 days between the first irrigation and subsequent irrigations.

**Performance Factors**: Weed control may not be observed for 2 to 4 weeks under normal growth conditions and for 4 to 6 weeks under very dry conditions. Moisture (at least 1/4 inch) is required within 2 to 3 weeks after application to move Metribuzin 75 into the weed root zone. Lack of adequate moisture after application may result in poor or erratic weed control. Control or suppression of listed weeds is dependent on weed size at time of application. Control or suppression may be reduced if broadleaf weeds are taller than 1 inch or grasses have more than 2 leaves.

**Tank-mixtures**: Metribuzin 75 may be tank-mixed with Alphamark®, Amistar®, Finesse®, Glean® FC, Harmony Extra, 2,4-D, MCPA, Reflex, Bromacil or Butricid herbicides. A non-ionic surfactant containing at least 80% active ingredient may be used in Metribuzin 75 tank-mixes with sulfonylether herbicides (Alphamark, Amistar, Finesse, Glean FC and Harmony Extra). Do not use a crop oil concentrate or any adjuvant containing vegetable or petroleum oils with any Metribuzin 75 mix as crop injury may result. Additional pesticides may also be tank-mixed with Metribuzin 75 unless specifically prohibited on the mix product's label. In some instances, combinations with organophosphate insecticides may cause temporary leaf yellowing and/or crop injury, especially when widely fluctuating day/night temperatures occur near application. Always refer to the other product labels registered for use on cereals for additional directions, rates and weed species control. Observe all precautions and limitations on labeling of all products used in mixtures.

**Feeding Restrictions**: Do not graze wheat within 14 days of Metribuzin 75 application or harvest grain within 21 days after last application. Do not graze or harvest barley before crop maturity. For tank-mix combinations, follow the most restrictive label.

**Special Precautions**:  
**Cereal Injury** - Crop injury may occur if Metribuzin 75 is applied:  
1. When the crop is under stress such as winter kill, frost damage, disease, drought or excessive moisture, severe grazing, or when these conditions follow the application.  
2. In combination with fluid fertilizer especially with the addition of surfactant.  
3. Prior to the growth stage specified on this label.  
4. To soils high in lime or sodium, a pH greater than 7.7, calcareous, gravelly, thinly covered or exposed subsoil areas.  
5. To fields where cereal seed beds have been planted less than 1 inch deep.  
6. To a non-winter hardy wheat or barley variety as listed below.  
7. To a sensitive wheat or barley variety as listed below.  
8. To frozen soil or crop still in winter dormancy.

**Cereal Rotations Following Potatoes Treated with Metribuzin 75**: If planting a sensitive cereal variety listed under the wheat and barley variety tolerance portion of this label, follow the following potato treated with Metribuzin 75 or metribuzin containing products, refer to the potato section of the Metribuzin 75 label for special cultural practices to follow.

**APPLICATION**: Metribuzin 75 alone or in a tank-mix with labeled broadleaf herbicides may be applied by aerial or ground spray equipment as a broadcast postemergence spray.

**WHEAT AND BARLEY VARIETAL TOLERANCE**: Wheat and barley varieties vary in their tolerance to Metribuzin 75. Varieties below are tolerant to and are recommended for use with Metribuzin 75.


**Barley**: Advance, Boyer, Clark, Compana, Hannchen, Hector, Hesp, Hudson, Lud, Luther, Kinnak, Klages, Olympic, Pilone, Stetpole, and Triumph.

The following cereal varieties are sensitive to Metribuzin 75 and are not recommended for use:


**Spring/Durum Wheat**: Avoid use on Spring wheat and Durum wheat varieties.

**Barley**: Glenn, Morex, Moravian 3, Larlier, Summit, Bracken, Anheuser Busch 26001 and varieties with Morex parentage.

**Varieties Not Listed**: To avoid possible crop injury on any variety not mentioned in this label, contact a Loveland Products, Inc. representative or a herbicide expert for a variety recommendation prior to treatment or treat a small strip of untreated variety with the specified Metribuzin 75 rate to ascertain crop tolerance before treating an entire field.

*Abbreviations of vendors: AS (Agapelo), AT (Agatech), DB (Donner Bros.), FS (Frowark FSI), PI (Pioneer), PSSR (Hybttech), SC (J.M. Schulz), TE (Terra), and TR (Terra).*
WEEDS CONTROLLED
Used at specified rates, Metribuzin 75 will control many annual broadleaf weeds. Control is best when applied to young, actively growing weeds. Weeds controlled by Metribuzin 75 include:
- Bittercress
- Catchfly, Conical (Sand)
- Catchweed (Madwort)
- Chickweed, Common
- Chickweed, Mouseear
- Corncockle Dogfennel (Mayweed)
- Evening Primrose, Cutleaf
- Falsealk, Smallseed
- Fiddleneck, Tanweed
- Filarie, Redstem
- Geranium
- Carolina Gromwell, spp.
- Henbit

WEEDS SUPPRESSED
Metribuzin 75 control of the following weeds varies from poor to excellent depending on time of application, stage of growth at application, temperatures and soil moisture conditions. For maximum effect on these weeds, apply the highest specified rate at the earliest growth stage timing for each particular soil type and organic matter. Suppression is a reduction in weed size and growth as compared to a non-treated area in the same field.

Broadleaves
- Buckwheat, Wild
- Buttercup, spp.
- Cowcokkwe
- Kochia*
- Lettuce, Prickly

Grasses
- Barley, Pink (Wild)
- Barley, Little
- Blackgrass
- Bluegrass, Annual
- Bluegrass, Bulbous
- Bromes, Downy*
- Bromes, Japanese*

*Use the highest specified Metribuzin 75 rate for maximum weed suppression.

FOR WEED CONTROL IN A WHEAT/FALLOW/WHEAT ROTATION (Idaho, Oregon, Utah and Washington Only)
Metribuzin 75 may be applied to provide weed control during the fallow period after wheat harvest or in the Spring before winter wheat is planted. Winter wheat can be seeded 4 months (120 days) after Spring application. Mechanical tillage or the application of a contact herbicide may be required to control weeds germinating prior to seeding of winter wheat. Best results will be obtained where straw and chaff are evenly distributed across the field.

WEEDS CONTROLLED
Broadleaves
- Chickweed, Common (Stellaria media)
- Cowcokkwe (Vaccaria pyramidata)
- Herbit (Lamium amplexicaule)
- *Kochia (Kochia scoparia)
- Lambsquarters (Chenopodium album)
- Mustard, Blue or Purple (Chorispora tenella)
- Mustard, Jim Hill (Stylosanthes alatissima)
- Mustard, Taray (Descurainia pinnata)
- Mustard, Treacle (Erysimum repandum)
- Mustard, Wild (Brassica kaber)
- Pennycress, Field (Fanweed) (Thlaspi arvense)
- Pigweeds (Amaranthus spp.)
- Russian thistle (Salsola iricolor)
- Sunflower (Helianthus annuus)

Grasses
- Cheatgrass (Bromus secalinus)
- Downy Brome (Bromus tectorum)
- Foxtail, Green (Setaria viridis)
- *Wheat, Volunteer (Triticum spp.)

*Note: Since control of these weeds may vary depending on moisture following application, the higher labeled rate should be used.

AFTER HARVEST APPLICATION: Metribuzin 75 may be applied to stubble after harvest in the Fall. Apply 1 1/2 lb per acre broadcast before weeds emerge. Use the higher rate for longer weed control or for weeds designated as requiring the higher rate for control. Rainfall (1/2 inch or more) is necessary for herbicide activation. Wheat or barley can be seeded 120 days after Spring application.

CROP ROTATION DIRECTIONS
Writing Period After Metribuzin 75 Herbicide Application

| Months | Crop
|--------|----------------|
| 4      | Alfalfa
|        | Asparagus
|        | Barley
|        | Corn
|        | Forage Grasses
|        | Sainfoin
| 8      | Barley
|        | Peas
| 12     | Potatoes
|        | Rice
| 18     | Sugar Beets
|        | Onions

*Note: Do not rotate any crop not listed on this label after application of Metribuzin 75 to sugarcane.

Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed. Stand reductions may occur in some areas. Following peas, lentils or soybeans.

Do not rotate rice after any application to a primary crop greater than 1.0 lb. of Metribuzin 75 per season.

Precautions and Restrictions: Do not plant any cereal crop, other than winter wheat, in a field treated with Metribuzin 75. Do not use Metribuzin 75 in the Fall before planting Winter wheat or barley.

Where Metribuzin 75 was in the Fall, do not apply Metribuzin 75 in the Spring.

FOR WEED CONTROL IN A FALL FALLOW WITH BARLEY AND WHEAT (Colorado, Kansas, Montana, Nebraska and Wyoming Only)
Metribuzin 75 may be applied to provide weed control during the fallow period after wheat or barley harvest or in the Spring before planting of Winter wheat or barley. Mechanical tillage or the application of a contact herbicide may be required to control weeds germinating prior to seeding of Winter wheat or barley.

For specific application information see the "General Information" section in the front of this label.

Where weed growth is present at application time, Metribuzin 75 should be applied with Gramoxone Intenx, glyphosate (Makaze), or other contact herbicide. Refer to the other product label registered for additional directions, rates, and weeds species controlled. Do not plant crops in treated areas earlier than 10 months following Fall applications.

Precautions and Restrictions: Do not graze treated fields.

Do not plant Spring seeded cereals following Fall applications.

Where Metribuzin 75 was applied in the Fall, do not apply Metribuzin 75 in the Spring.
FOR USE ON BENTGRASS GROWN FOR SEED AND FOR WEED CONTROL IN ESTABLISHED PERENNIAL GRASSES GROWN FOR SEED IN OREGON OF THE CASCADE MOUNTAINS AND IN CROOK, DESCHUTES AND WASCO COUNTIES.

Established grasses are those which have been harvested at least once for seed or were planted one year or more prior to application.

For Weed Control in Established Perennial Bentgrass Grown For Seed

WEEDS CONTROLLED

When used as directed below, Metribuzin 75 will reduce competition from seedings of annual Bromus species, annual ryegrass, and annual bluegrass. Metribuzin 75 will control rattlefescue, henbit, kyleaf speedwell, chickweed, mustards, and shepherd’s purse.

Crop Tolerance: Crop tolerance is marginal and crop injury and yield reduction are possible. To minimize crop injury, apply when the crop is not under stress. Use of adjuvants will reduce crop tolerance. Making the application after three consecutive sunny days will reduce the potential for crop injury.

CROP | METRIBUZIN 75 REMARKS
--- | --- |
Bentgrass grown for seed | 0.38 to 0.5 Apply Metribuzin 75 as a broadcast spray at least 15 gallons of spray solution per acre when the volunteer grasses are in the 1- to 2-leaf growth stage following fall rainfall or irrigation and before active spring growth. Excessive crop injury and/or failure to control weeds may result if application is made after mid-February. Allow at least 120 days between application and harvest for seed.

Application Restrictions:
1. Do not apply more than once per year.
2. Do not apply to a crop that is under stress, for example, from disease, severe insect damage, nutrient deficiency, cold to cool temperatures, or deficient or excessive moisture.
3. Apply only to Colonial and Creeping Bentgrass.
4. Apply only to established bentgrass that is at least one year old and has been harvested for seed at least once.
5. Do not tank mix with other herbicides.

Feeding Restrictions: Do not use the crop or crop residues as feed or livestock bedding for at least 28 days following the last application.

For weed control in Established Perennial Grasses Grown For Seed

WEEDS CONTROLLED

When used as directed below, Metribuzin 75 will reduce competition from volunteer seedings of the indicated crop, annual Bromus species, annual ryegrass, and annual bluegrass. Metribuzin 75 will control rattlefescue, henbit, kyleaf speedwell, chickweed, mustards, and shepherd’s purse. The addition of wetting agents containing crop may enhance control of the volunteer crop and grassy weeds. When adding wetting agents, follow the directions for use and specified rates on the wetting agent label.

Metribuzin 75 is compatible with most fertilizers, fungicides, and insecticides. Metribuzin 75 may be combined with other herbicides for enhanced weed control. Prior to tank mixing with another herbicide, refer to the GENERAL INFORMATION section of this label.

CROP | METRIBUZIN 75 lb/acre REMARKS
--- | --- |
Perennial Ryegrass | 1/2 to 3/4 Apply specified dosage as a broadcast spray in at least 15 gallons of spray solution per acre when the volunteer grasses are in the 1- to 2-leaf stage following fall rainfall or irrigation but prior to active spring growth. Excessive crop injury and/or failure to control weeds may result if application is made after mid-February. Allow at least 120 days between application and harvest.

Application Restrictions:
1. Do not apply more than once per year.
2. Do not apply Metribuzin 75 through any type of irrigation system.
3. Crop and crop residues may be fed to livestock or used as bedding. If the seed crop is terminated and grazed or cut for forage, allow at least 28 days between application and use as animal feed.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY BEFORE BUYING OR USING THIS PRODUCT

Do not contaminate water, food or feed by storage or disposal. PESTICIDE STORAGE: Store in a cool dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage. If the container leaks or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above, in spill or leak incidents, keep unauthorized people away.

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

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinse). 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. Once cleaned, 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 manufacturer, or contact the Agricultural Container Recycling Corporation (ACRC) at www.acrcycle.com. Triple rim or pressure rinse container (or equivalent) promptly after emptying.

For packages up to 5 gallons: 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 1/2 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 least 20 seconds. Drain for 10 seconds after the flow begins to drip. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC - 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY BEFORE BUYING OR USING THIS PRODUCT

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY:

LOVELAND PRODUCTS, INC. 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 when the product is used in strict accordance with such Directions for Use, subject to normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS" AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, SATISFACTORY QUALITY, OR ANY PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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