66222-106 04/29/2005 1/5

Please read instructions on reverse before completing form. Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

EPA

United States
Environmental Protection Agency
Washington, DC 20460

- [ ] Registration
- [ ] Amendment
- [x] Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number	2. EPA Product Manager	3. Proposed Classification
66222-106	Jim Tompkins	[x] None [ ] Restricted
4. Company/Product (Name)	**PM#**	
Metribuzin 75WG	25	

5. Name and Address of Applicant *(Include ZIP Code)*
Makhteshim Agan of North America, Inc.
551 Fifth Ave., Suite 1100
New York, NY 10176

[ ] *Check if this is a new address*

6. Expedited Reveiw. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:
EPA Reg. No. _____
Product Name _____

Section - II

- [ ] Amendment - Explain below.
- [ ] Resubmission in response to Agency letter dated _____
- [x] Notification - Explain below.
- [ ] Final printed labels in repsonse to Agency letter dated _____
- [ ] "Me Too" Application.
- [x] Other - Explain below.

NOTIFICATION
APR 29 2005

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification of typographical error on label.
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging	Unit Packaging	Water Soluble Packaging	2. Type of Container
[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Yes [ ] No	[ ] Metal [ ] Plastic [ ] Glass [ ] Paper [ ] Other (Specify) _____
* *Certification must be submitted*	If "Yes" Unit Packaging wgt. / No. per container	If "Yes" Package wgt / No. per container	

3. Location of Net Contents Information	4. Size(s) Retail Container	5. Location of Label Directions
[ ] Label [ ] Container	5 lbs.	[ ]

6. Manner in Which Label is Affixed to Product [ ] Lithograph [ ] Paper glued [ ] Stenciled [ ] Other _____

Section - IV

1. Contact Point *(Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)*

Name	Title	Telephone No. (Include Area Code)
Jane Rothwell	Registration Specialist	901-861-4400

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowlingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received (Stamped)

2. Signature	3. Title
Jane Rothwell	Registration Specialist
4. Typed Name	**5. Date**
Jane Rothwell	3-29-05

EPA Form 8570-1 (Rev. 3-94) Previous editions are obsolete. White - EPA File Copy (original) Yellow - Applicant Copy

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METRIBUZIN 75WG

HERBICIDE

FOR CONTROL OF CERTAIN GRASSES AND BROADLEAF WEEDS

ACTIVE INGREDIENT:	% BY WEIGHT
Metribuzin: 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one	75.0%
INERT INGREDIENTS:	25.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 15-20 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 15-20 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.

NOTE TO PHYSICIAN: Treat patient symptomatically.

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 (PPE)

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

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made out of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

NET CONTENTS: ___ POUND(S)

EPA Reg. No. 66222-106
EPA Est. No. 11603-IS-001

Makhteshim Agan of North America, Inc.
551 Fifth Avenue, Suite 1100
New York, NY 10176

NOTIFICATION
APR 29 2005

USER SAFETY RECOMMENDATIONS

Users should:

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

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.

ENVIRONMENTAL HAZARDS

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

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 protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

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

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Applicators and other handlers must use chemical-resistant gloves, such as butyl rubber, or nitrile rubber, or neoprene rubber, or natural rubber
- Shoes plus socks

IMPORTANT: Read these entire Directions and Conditions of Sale before using Metribuzin 75WG.

GENERAL INFORMATION

MIXING

When using Metribuzin 75WG 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 mixes containing Metribuzin 75WG 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 75WG alone or in tank mix combinations with other herbicides is:

1. Fill the spray tank ¼ to ⅓ full with clean water.

2. Add recommended rate of Metribuzin 75WG while recirculating and with agitator running.
3. Follow the triple rinse procedure described under STORAGE AND DISPOSAL to insure 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 allow sprays to drift on to adjacent desirable plants.

Apply this product only as specified on this label.

Do not rotate any crop not listed on this label for 18 months following application of Metribuzin 75WG.

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

Metribuzin 75WG is recommended 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 recommended 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 Metribuzin 75WG. 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 ¼ to ¾ 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). This gives total gallons of product-water mixture to be added to nurse tank.
4. Add required amount of water to nurse tank and start the agitation system. Then add sufficient Metribuzin 75WG at the recommended rate (See RECOMMENDED BROADCAST APPLICATIONS) to the nurse tank.

EXAMPLE: If 20 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 135 acres at ⅔ lb./acre, 90.5 lb. of Metribuzin 75WG 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 from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

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

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

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

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

Apply specified dosage in ¼ to ¾ 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 recommended 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, excessive 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 ¾ 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. Nozzles with higher rated flows produce larger droplets.
- Pressure-Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- Number of Nozzles-Use the minimum number of nozzles that provide uniform coverage.
- Nozzle Orientation-Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from 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 ¾ 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.

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

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

TEMPERATURE AND HUMIDITY: When making applications in low relative humidity, set up equipment to 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, if fog 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 and inversion while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

SENSITIVE AREAS: Metribuzin 75WG should only be applied when the potential for drift to adjacent sensitive areas (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 METRIBUZIN 75WG 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.

GROUND APPLICATION: Apply the proper rate of Metribuzin 75WG in a minimum of 10 to 40 gallons of spray mixture per acre broadcast.

BANDED APPLICATION: Use proportionally less Metribuzin 75WG per acre in a band versus a broadcast application. For band application, use ¼ 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 Metribuzin 75WG. (2) To treat a 14-inch band on rows 42 inches apart, use one-third of the broadcast rate of Metribuzin 75WG.

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 Metribuzin 75WG is tank mixed with Lasso®.

For All Applications of Metribuzin 75WG: Sprayer must be accurately calibrated before applying Metribuzin 75WG. 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 of Metribuzin 75WG from the spray 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. Recycle 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 75WG IN FLUID FERTILIZERS

Metribuzin 75WG may be applied in fluid fertilizer solutions to alfalfa and soybeans by following the appropriate mixing procedures and compatibility check. When using tank mix combinations, be sure all components are compatible.

Compatibility checks of Metribuzin 75WG and tank mix combinations which include Metribuzin 75WG should be made for each batch of fluid fertilizer because of the variability of these fertilizers.

Compatibility Check:

1. Premix 2 teaspoonfuls of Metribuzin 75WG with 8 teaspoonfuls of water (1:4 ratio) in a quart jar by adding the water first and follow with Metribuzin 75WG. 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 Metribuzin 75WG first.
2. Then pour 1 pint of fluid fertilizer into the quart jar and shake well.
3. Allow to stand for 5 minutes.

THIS COMPATIILITY CHECK SHOULD ONLY BE USED WHEN MIXING 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 but 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 Metribuzin 75WG 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 and add Metribuzin 75WG 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 IMPREGNATION AND APPLICATION OF METRIBUZIN 75WG ON DRY BULK FERTILIZER

Dry bulk fertilizer may be impregnated or coated with Metribuzin 75WG for application to established alfalfa and to soybeans. All recommendations, 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 commonly used fertilizer can be impregnated with Metribuzin 75WG 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 Metribuzin 75WG 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 Metribuzin 75WG to dry bulk fertilizer will vary and if the absorptivity is not adequate, an absorptive powder may be added to produce a dry, free-flowing mixture. Micro-Cel E (Johns-Manville Product Corporation) is the recommended absorbent powder. When another herbicide is used with Metribuzin 75WG, 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 recommended rate of Metribuzin 75WG per acre from the appropriate section of this label and refer to the formula below to determine the amount of Metribuzin 75WGv 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.

$$\frac{\text{Lb. Metribuzin 75WG}}{\text{Acre}} \times \frac{\text{2000 Lb. Fertilizer}}{\text{Acre}} = \frac{\text{Lb. Metribuzin 75WG}}{\text{Ton of Fertilizer}}$$

APPLICATION: Uniform application is essential for satisfactory weed control. Accurate calibration of fertilizer application equipment is essential for uniform distribution to the soil surface. The recommended method of application is to apply ½ the recommended rate and overlap 50 percent or to double apply by splitting the middles 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 Metribuzin 75WG 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 75WG herbicide tank mix combinations are recommended for preplant incorporated applications, preemergence surface applications, Split-Shot applications, and Extended Split-Shot application. Metribuzin 75WG is also recommended as an overlay application following a preplant incorporated application of a recommended grass herbicide and alone as a preemergence surface application. All these applications can be applied with ground equipment and some can be applied with aerial spray equipment. In addition, Metribuzin 75WG can be applied as a postemergence directed spray to soybeans in certain states.

SPECIAL PRECAUTIONS (Soybeans): Injury to soybeans may occur when Metribuzin 75WG 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, Metribuzin 75WG is not recommended for use on Altona, AP 55, AP 71, Asgrow 6520, Burlison, Coker 102, Coker 156, Dassel, GL 3202, Govan, Maple Amber, NB 3665, NKS 1884, Paloma 350, Portage, Regal, Semmes, Terra-Vig 505, Terra-Vig 606, Tracy, Vansoy, and Vinton 81. Consult your Makhteshim Agan of North America, Inc. Representative or your seed supplier for information on the tolerance to Metribuzin 75WG of newly released soybean varieties prior to use of Metribuzin 75WG.
3. When applied in conjunction with soil-applied organic phosphate pesticides.
4. Over application of boom overlapping 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 ½% 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 1½ inches deep, particularly in preemergence application.

Activation: A minimum amount of soil moisture is required to activate Metribuzin 75WG. In areas of low rainfall, applications to dry soil should be followed with light irrigation of ¼ acre inch of water. Do not apply heavy irrigation immediately after application. As 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 Metribuzin 75WG is applied alone or with Treflan®, Dual®, Prowl®, or Lasso®.

Do not use treated vines for feed or forage when Metribuzin 75WG is applied with Sonalan®, linuron plus Lasso, or linuron plus Dual.

WEEDS CONTROLLED BY METRIBUZIN 75WG AND METRIBUZIN 75WG HERBICIDE TANK MIX COMBINATIONS

C= Control	S= Suppression or Erratic Control	P= Poor or No Control	O= No information (Control may range from poor to excellent)

1= Metribuzin 75WG Alone	4= Metribuzin 75WG plus Dual	7= Extended Split-Shot
2= Metribuzin 75WG Split-Shot	5= Metribuzin 75WG plus Prowl	8= Metribuzin 75WG plus Sonalan
3= Metribuzin 75WG plus Treflan	6= Metribuzin 75WG plus Lasso	9= Metribuzin 75WG plus linuron plus (Lasso or Dual)

ANNUAL BROADLEAF WEEDS	1	2	3	4	5	6	7	8	9
Black Nightshade (*Solanum nigrum*)	P	P	P	C	P	C	C	P	S
Bristly Starbur (*Acanthospermum hispidum*)	C	C	C	C	C	C	C	C	C
Buffalobur (*Solanum rostratum*)	C	C	P	P	P	P	C	P	O
Carpetweed (*Mollugo verticillata*)	C	C	C	C	C	C	C	C	C
Cocklebur (*Xanthium pensylvanicum*)	S	C	S	S	S	S	C	S	S
Copperleaf, Hophombeam (*Acalypha ostryaefolia*)	C	C	C	C	C	C	C	C	C
Florida Beggarweed (*Desmodium tortuosum*)	C	C	C	C	C	C	C	C	C
Florida Pusley (*Richardia scabra*)	C	C	C	C	C	C	C	C	C
Galinsoga (*Galinsoga spp.*)	C	C	C	C	C	C	C	C	C
Horseweed Marestail (*Conyza canadensis*)	O	O	O	O	O	O	C	O	O
Jimsonweed (*Datura stramonium*)	C	C	C	C	C	C	C	C	S
Knotweed (*Polygonum spp.*)	C	C	C	C	C	C	C	C	C
Kochia (*Kochia scoparia*)	C	C	C	C	C	C	C	C	C
Lambsquarters (*Chenopodium spp.*)	C	C	C	C	C	C	C	C	C
Morningglory, Ivyleaf (*Ipomoea hederacea*)	P	P	S	P	P	P	P	P	P
Morningglory, Pitted (*Ipomoea lacunosa*)	P	P	S	P	P	P	P	P	P
Morningglory, Smallflower (*Jacquemontia tamnifolia*)	P	P	C	P	P	P	P	P	P
Morningglory, Tall (*Ipomoea purpurea*)	P	P	S	P	P	P	P	P	P
Pigweeds (*Amaranthus spp.*)	C	C	C	C	C	C	C	C	C
Prickly Sida/Teaweed (*Sida spinosa*)	C	C	C	C	C	C	C	C	C
Purslane (*Portulaca oleracea*)	C	C	C	C	C	C	C	C	C
Ragweed, Common (*Ambrosia artemisiifolia*)	C	C	C	C	C	C	C	C	C
Redweed (*Melochia corchorifolia*)	C	C	C	C	C	C	C	C	C
Russian Thistle (*Salsola kali*)	C	C	C	C	C	C	C	C	C
Sesbania (*Sesbania spp.*)	C	C	C	C	C	C	C	C	C
Shepherdspurse (*Capsella bursa-pastoris*)	C	C	C	C	C	C	C	C	C
Sicklepod (*Cassia obtusifolia*)	C	C	S	C	S	C	C	S	S
Smartweeds (*Polygonum spp.*)	C	C	C	C	C	C	C	C	S
Spotted Spurge (*Euphorbia Maculata*)	C	C	P	C	P	C	C	P	O
Spurred Anoda (*Anoda cristata*)	C	C	C	C	C	C	C	C	O
Sunflower (*Helianthus spp.*)	C	C	S	S	S	S	C	S	P
Velvetleaf (*Abutilon theophrasti*)	C	C	C	C	C	C	C	C	C
Venice Mallow (*Hibiscus trionum*)	C	C	C	C	C	C	C	C	C
Wild Mustards (*Brassica spp.*)	C	C	C	C	C	C	C	C	C

WEEDS CONTROLLED BY METRIBUZIN 75WG AND METRIBUZIN 75WG HERBICIDE TANK MIX COMBINATIONS

C= Control	S= Suppression or Erratic Control	P= Poor or No Control	O= No information (Control may range from poor to excellent)

1= Metribuzin 75WG Alone	4= Metribuzin 75WG plus Dual	7= Extended Split-Shot
2= Metribuzin 75WG Split-Shot	5= Metribuzin 75WG plus Prowl	8= Metribuzin 75WG plus Sonalan
3= Metribuzin 75WG plus Treflan	6= Metribuzin 75WG plus Lasso	9= Metribuzin 75WG plus linuron plus (Lasso or Dual)

ANNUAL GRASSES	1	2	3	4	5	6	7	8	9
Barnyardgrass (*Echinochloa crus-galli*)	S	C	C	C	C	C	C	C	C
Bluegrass (*Poa annua*)	C	C	C	C	C	C	C	C	C
Broadleaf Signalgrass (*Brachiaria platyphylla*)	C	C	C	C	C	C	C	C	O
Browntop Millet (*Panicum ramosum*)	C	C	C	P	C	S	C	O	O
Crabgrass (*Digitana spp.*)	C	C	C	C	C	C	C	C	C
Crowfootgrass (*Dactyloctenium aegyptium*)	C	C	C	C	C	C	C	O	O
Cupgrass (*Enochloa gracilis*)	P	C	P	P	P	P	C	O	O
Foxtails (*Setaria spp.*)	S	C	C	C	C	C	C	C	C
Goosegrass (*Eleusine indica*)	C	C	C	C	C	C	C	C	C
Johnsongrass, Seedling (*Sorghum halepense*)	C	C	C	C	C	C	C	C	O
Junglerice (*Echinochloa colonum*)	C	C	C	C	C	C	C	C	O
Nutsedge, Yellow (*Cyperus esculentus*)	P	P	P	C	P	C	C	P	O
Panicum, Fall (*Panicum dichotomiflorum*)	P	C	C	C	C	C	C	C	C
Panicum, Texas (*Panicum texanum*)	P	C	C	P	C	S	S	C	O
Red Rice (*Oryza sativa*)	P	C	C	C	P	C	C	O	O
Sandbur (*Cenchrus spp.*)	P	C	C	P	C	S	S	O	O
Shattercane (*Sorghum bicolor*)	P	C	C	P	P	P	P	C	O
Sorghum, Volunteer (*Sorghum spp.*)	P	C	C	P	P	P	P	O	P
Sprangletop (*Leptochloa spp.*)	P	C	C	P	P	P	P	O	P
Stinkgrass (*Eragrostis spp.*)	P	C	C	P	P	P	P	O	P
Wheat, Volunteer (*Triticum spp.*)	P	P	P	P	P	P	P	O	P
Witchgrass (*Panicum capillare*)	P	C	C	C	C	C	C	C	O

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 Metribuzin 75WG as directed on this label, the field may be replanted to soybeans. When replanting, a minimum of tillage is recommended. Do not apply a second treatment as injury to soybeans may occur.

METRIBUZIN 75WG ALONE

Metribuzin 75WG (Alone) Pre-emergence Application: The following rates of Metribuzin 75WG may be applied preemergence 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.

Metribuzin 75WG 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 sand soils 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.

LB. OF METRIBUZIN 75WG PER ACRE			
	ORGANIC MATTER		
SOIL TEXTURE	Less than 2%	2 TO 4%	Over 4%
Coarse Soils (Sandy loam, loamy sand)	Do not use[3]	½	⅔
Medium Soils[1] (Loam, silt loam, silt, sandy clay, sandy clay loam)	½ to ⅔	⅔ to 5/6	5/6 to 1
Fine Soils[1] (Silty clay, silty clay loam[2], clay, clay loam)	⅔ to 5/6	5/6 to 1	1 to 1 1/6
Mississippi Delta Only	1	1 1/6	1⅓

[1] For control of lambsquarters, 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 Metribuzin 75WG at rates of ⅓ lb./acre on medium soils and ⅓ to ½ lb./acre on fine soils regardless of soil organic matter percentage (use ½ lb. only where soil pH is less than 7.5 and weed pressure is heavy). The ⅓ lb./acre rate of Metribuzin 75WG alone can be applied regardless of soil pH. For control of other weeds listed on this label use Metribuzin 75WG at full rates recommended 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 Metribuzin 75WG on soybeans in coarse soils with 0.5% or more organic matter in certain states.

USES OF METRIBUZIN 75WG HERBICIDE IN COMBINATION WITH OTHER HERBICIDES
SEQUENTIAL APPLICATION OF SCEPTER® FOLLOWING METRIBUZIN 75WG

If needed, application of Metribuzin 75WG alone or in a registered tank mix according to directions on this label, may be followed by an early postemergence application of Scepter herbicide (1.5 lb./gal liquid or 70 DG) for control of cocklebur. Apply 1/6 to ⅓ pint of Scepter (0.7 to 1.4 ounces of Scepter 70 DG) in a minimum of 20 gals. of water per acre. Use 1/6 pint of Scepter (0.7 ounce of Scepter 70DG) if cocklebur are less than 3 inches tall or have fewer than 3 leaves and are actively growing. For cocklebur less than 6 inches tall and actively growing, use ⅓ pint of Scepter (1.4 ounces of Scepter 70 DG) per acre. Do not use Scepter when soybeans or cocklebur have been subjected to stress conditions such as temperature or moisture extremes. Do not exceed a total of ⅔ pint of Scepter (2.8 ounces of Scepter 70 DG) per acre in one season. Wait at least 10 days after application of Scepter before cultivating.

When preparing the spray mixture with Scepter, add 2 pts. of nonionic surfactant approved for use on growing crops and containing at least 80% active ingredient per 100 gallons of mixture. Apply crop oil concentrate (COC) at the rate specified on the COC label.

Use Scepter only in the states where it is registered as listed on the product label.

Apply Scepter at least 90 days before harvest of soybeans. Do not graze or feed soybean forage, hay, or straw to livestock.

Refer to the Scepter label for additional cautions and precautions, directions, limitations, and information on environmental hazards and planting of rotational crops.

SPLIT-SHOT APPLICATION

A preplant incorporated application of Metribuzin 75WG tank mixed with either Treflan, Lasso, Dual, Prowl or Sonalan and followed by a preemergence surface application of Metribuzin 75WG alone after planting but prior to soybean emergence will control more broadleaf and grass weeds in soybeans than when either herbicide is used alone.

Refer to the Treflan, Lasso, Dual, Prowl or Sonalan labels, and to appropriate sections of this label for directions on soil preparation, herbicide application, incorporation techniques, herbicide rates, weed species controlled, and restrictions for using tank mix combinations of Metribuzin 75WG. Carefully observe the SPECIAL PRECAUTIONS section concerning the use of Metribuzin 75WG in tank mix combinations on soybeans.

When a Split-Shot application of Metribuzin 75WG with Prowl, Treflan, or Sonalan is used, the preplant incorporated tank mix may be applied up to 21 days prior to planting soybeans; with Dual or Lasso, the preplant incorporated tank mix may be applied up to 14 days prior to planting.

On medium- and fine-textured soils with greater than 2% organic matter, a rate range is recommended for the Metribuzin 75WG preemergence overlay application. The higher rate should be used (a) in fields with a history of severe broadleaf weed pressure, (b) when the time between preplant incorporated tank mix and preemergence

overlay applications approaches the maximum stated above, and/or (c) when the organic matter content of the soil is at the upper end of the indicated range.

For black nightshade control, refer to the appropriate sections of the Lasso, Dual, or Sonalan labels for specific instructions.

SPLIT-SHOT APPLICATION

Preplant Incorporated Tank mix Application			– FOLLOWED BY –	Preemergence Overlay Application		
				Rate of Metribuzin 75WG lb./Acre		
				ORGANIC MATTER		
SOIL TEXTURE[1]	Rate of Combination Product/Acre	Plus	Rate of Metribuzin 75WG lb/Acre	Less than 2%	2% to 4%	Over 4%
Coarse (light) sand, loamy sand, sandy loam	Treflan 1 pt. -OR- Lasso 2 to 2½ qt. -OR- Dual 1¼ to 1½ pt. -OR- Prowl 1½ pt. -OR- Sonalan 1¼ to 2 pt.	Plus	⅓ - followed by	1/6	1/6	1/6 to ⅓
Medium Loam, silt loam, sandy clay loam, silt, sandy clay	Treflan 1½ pt. -OR- Lasso 2½ to 3 qt. -OR- Dual 1½ pt. -OR- Prowl 1½ pt. -OR- Sonalan 1¾ to 2½ pt.	Plus	½ - followed by -OR- ⅓ [2] - followed by	1/6 ⅓	1/6 to ⅓ ⅓ to ½	⅓ to ½ (½ to ⅔[3])
Fine (heavy) Silty clay loam*, clay loam, silty clay, clay	Treflan 2 pt. -OR- Lasso 2½ to 3 qt. -OR- Dual 2 to 2½ pt. -OR- Prowl 1½ to 2 pt. -OR- Sonalan 2¼ to 3 pt.	Plus	⅔ - followed by -OR- ½[2] - followed by	1/6 ⅓	1/6 to ⅓ ⅓ to ½	⅓ to ½ (½ to ⅔[3])

(Continued-Split-Shot)

* 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 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 calcareous surface area or a pH of 7.5 or higher, do not use on sand soils with less than 2% organic matter or on loamy sand or sandy loam soils with less than 1% organic matter.

2 Use this lower rate of Metribuzin 75WG 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 Metribuzin 75WG by 1/6 lb./acre 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

Early Preplant Tank Mix Application (Surface-Applied or Shallow Incorporated)					Preemergence Overlay Application				
							Rate of Metribuzin 75WG lb./Acre		
							ORGANIC MATTER		
SOIL TEXTURE[1]	Rate of Combination Product/Acre	Plus	Rate of Metribuzin 75WG lb./Acre	Followed By	Rate of Combination Product/Acre	Plus	½ to 2%	2 to 4%	Over 4%
Coarse (light) sand, loamy sand, sandy loam	Dual 1⅔ pt. Or Lasso 1½ to 2 qt.	plus	⅓ to ½	Dual Or Lasso	⅔ pt. 1½ qt.	plus	1/6	1/6 to ⅓	⅓
Medium Loam, silt loam, sandy clay loam, silt, sandy clay	Dual 1¾ pt. Or Lasso 2 to 3 qt.	plus	[2] ½ to ⅔	Dual Or Lasso	¾ pt. 1 to 2 qt.	plus	⅓	⅓ to ½	½ to ⅔
Fine (heavy) Silty clay loam*, clay loam, silty clay, clay	Dual 2 pt. Or Lasso 2 to 3 qt.	plus	[2] ⅔ to 5/6	Dual Or Lasso	1 pt. 1 to 2 qt.	plus	⅓	⅓ to ½	½ to ⅔

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

2 Use this lower rate of Metribuzin 75WG in the early preplant tank mix on soils having a calcareous surface area or a pH of 7.5 or higher and in those rare situations where soils within a field vary extremely in texture or organic matter content.

EXTENDED SPLIT-SHOT APPLICATION
(Includes No-Till, Reduced-Till, Ridge-Till, Mulch-Till)

An early preplant (surface-applied or shallow incorporated) application of Metribuzin 75WG tank mixed with either Dual or Lasso followed by a preemergence surface application of Metribuzin 75WG tank mixed with Dual or Lasso 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 Metribuzin 75WG with Dual or Lasso 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.

Where a rate range is recommended, 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 preemergence 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 2½ qt. Lasso in the early preplant tank mix when surface applied and use 2½ to 3 qt. Lasso when the tank mix is to be lightly incorporated).

When weeds exceed 1 to 1 ½ inches in height or diameter at application, use a contact herbicide such as Round-Up® or Gramoxone®.

Refer to the Dual or Lasso 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.

METRIBUZIN 75WG PLUS SONALAN

Metribuzin 75WG plus Sonalan Overlay Application: Metribuzin 75WG may be applied as a preemergence 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 75WG plus Sonalan Tank mix Application: Incorporate the tank mixture into the top 1 to 2 inches of soil within 21 days before planting according to label directions for Sonalan.

Apply Metribuzin 75WG plus Sonalan 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.

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 application. For specific application information, refer to the APPLICATION under GENERAL INFORMATION section in the front of this label.

SPECIAL PRECAUTIONS (Metribuzin 75WG 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		
SOIL TEXTURE	**Metribuzin 75WG Lb./Acre**	**Sonalan 3EC Pt./Acre**
Coarse[1] (Sandy loam, loamy sand)	⅓	1¼ to 2
Medium[3] (Loam, silt loam, silt, sandy clay, sandy clay loam)	½	1¾ to 2½
Fine[3] (Silty clay, silty clay loam[2], clay, clay loam)	⅔	2¼ to 3

[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 lambsquarters, redroot pigweed, wild mustard, and green and yellow foxtails on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only, apply Metribuzin 75WG at rates of ⅓ lb./acre on medium soils and ⅓ to ½ lb./acre on fine soils regardless of soil organic matter percentage (use ½ lb. only where soil pH is less than 7.5 and weed pressure is heavy). The ⅓ lb. rate of Metribuzin 75WG in tank mix combination with Sonalan can be applied regardless of soil pH. For control of other weeds not listed on the label, use Metribuzin 75WG at full rates recommended 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.

METRIBUZIN 75WG PLUS TREFLAN

Metrubuzin 75DF and Treflan Overlay Application: Metribuzin 75WG may be applied as a preemergence broadcast or band overlay application following a preplant incorporated treatment of Treflan. Consult the Treflan label for specific directions for use, recommendations, restrictions, and any additional weeds not specified on the label.

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

Prepare the soil surface by deep plowing, offset disking, or tandem disking prior to the application of the herbicide combination. The soil surface should be well prepared and free of clods and trash.

This Metribuzin 75WG plus Treflan tank mix combination may be applied and incorporated into the soil up to 10 days before planting.

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.

Apply Metribuzin 75WG plus Treflan to the soil surface and incorporate in the same operation if possible. Variable weed control may result from delayed incorporation if Metribuzin 75WG plus Treflan are applied to a wet, warm soil surface or if the wind velocity is 10 miles per hour or higher. Use machinery that mixes Metribuzin 75WG plus Treflan thoroughly with the soil. Incorporation may be delayed up to 24 yours after application. Shallow incorporation with implements set to cut less than 2 inches deep may result in erratic weed control. Do not use spike or spring-tooth harrows alone for incorporation.

BROADCAST RATES		
SOIL TEXTURE	**Metribuzin 75WG Lb./Acre**	**Treflan EC Pt./Acre**
Coarse[1] (Sandy loam, loamy sand)	⅓	1
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	½	1½
Fine (Silty clay, silty clay loam[2], clay, clay loam)[3]	⅔	2

[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 lambsquarters, redroot pigweed, wild mustard, and green and yellow foxtails on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only, apply Metribuzin 75WG at rates of ⅓ lb./acre on medium soils and ⅓ to ½ lb./acre on fine soils regardless of soil organic matter percentage (use ½ lb. only where soil pH is less than 7.5 and weed pressure is heavy). The ⅓ lb. rate of Metribuzin 75WG in tank mix combination with Treflan can be applied regardless of soil pH. For control of other weeds listed on the label, use Metribuzin 75WG at full rates recommended 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.

Incorporation Equipment:

1. Set PTO-driven equipment (tillers, cutivators, hoes) to cut 2 to 3 inches deep and space rotors to provide a clean sweep of the soil. PTO equipment should not be operated at a speed greater than 4 miles per hour.
2. Set disk to cut 4 to 6 inches deep and operate twice in different directions at 4 to 6 miles per hour.
3. Set mulch treader and other similar disk-type implements to cut 3 to 4 inches deep and operate twice in different directions at 5 to 8 miles per hour.

For Coarse- and Medium-Textured Soils Only:

4. Set rolling cultivator to cut 2 to 4 inches deep and operate twice at 6 to 8 miles per hour. Set bed conditioner (Do-All) to cut 2 to 4 inches deep and operate at 4 to 6 miles per hour.

SPECIAL PRECAUTIONS (Metribuzin 75WG plus Treflan): Seedling disease, cold weather, excessive moisture, high salt concentration, or drought may weaken soybean seedlings and increase possibility of damage from the tank mix. Do not plant soybeans deeper than 2 inches.

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. Cool, wet weather conditions during the early stage of growth may increase the possibility of injury to sorghum.

Do not rotate any crop not listed on this label for 18 months after tank mix application.

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 75WG PLUS DUAL

Metribuzin 75WG plus Dual Overlay Application: Apply a preplant incorporated treatment of Dual 8E as directed on that product label for use on soybeans. Follow with a preemergence treatment of Metribuzin 75WG as directed on this label for use on soybeans.

METRIBUZIN 75WG PLUS DUAL 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 75WG plus Dual 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.

Preemergence Application: Dry weather following preemergence application of Metribuzin 75WG plus Dual tank mixture may reduce effectiveness. If weeds develop, cultivate uniformly with shallow tillage equipment such as a rotary hoe that will not damage soybeans.

Mixing Instructions: Refer to the GENERAL INFORMATION section in the front of this label.

BROADCAST RATES
METRIBUZIN 75WG Plus DUAL
Tank Mix Preemergence Applications

SOIL TEXTURE	Metribuzin 75WG Lb./Acre	Dual 8E Pt./Acre
0.5% TO 3% ORGANIC MATTER		
Coarse[1] (Loamy sand, sandy loam)	⅓	1¼
Medium (Loam, silt loam, silt)	½	1½
Fine (Silty clay loam[2], sandy clay loam, silty clay, sandy clay, clay loam, clay)	⅔	2
Mississippi Delta Only (Silty clay, clay)	1	2
Over 3% ORGANIC MATTER		
Coarse[1] (Loamy sand, sandy loam)	½	1½
Medium (Loam, silt loam, silt)	⅔	2
Fine (Silty clay loam[2], sandy clay loam, silty clay, sandy clay, clay loam, clay)	⅔ to ⅚	2 to 2½
Mississippi Delta Only (Silty clay, clay)	1	2 to 2½

[1] Do not use on sand soils. Do not apply Metribuzin 75WG and Dual overlay or tank mix preemergence 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.

BROADCAST RATES METRIBUZIN 75WG Plus DUAL Tank Mix Preplant Incorporated Applications		
0.5% to less than 3% ORGANIC MATTER		
SOIL TEXTURE	**Metribuzin 75WG Lb./Acre**	**Dual 8E Pt./Acre**
Coarse[1] (Loamy sand, sandy loam)	⅓	1¼
Medium (Loam, silt loam, silt)	½	1½
Fine (Silty clay loam[2], sandy clay loam, silty clay, sandy clay, clay loam, clay)	⅔	2
Mississippi Delta Only (Silty clay, clay)	⅔ to ⅚	2
3% or Greater ORGANIC MATTER		
Coarse[1] (Loamy sand, sandy loam)	⅓	1½
Medium (Loam, silt loam, silt)	½	2
Fine (Silty clay loam[2], sandy clay loam, silty clay, sandy clay, clay loam, clay)	⅔	2 to 2½
Mississippi Delta Only (Silty clay, clay)	⅔ to ⅚	2 to 2½

[1] Do not use on sand soils. Do not apply Metribuzin 75WG plus Dual tank mix preplant incorporated on sand or 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 75WG and Dual): For additional precautions, restrictions, limitations, and sprayer clean-up information, refer to the appropriate sections of this label and the Dual label.

METRIBUZIN 75WG PLUS PROWL

Metribuzin 75WG plus Prowl Overlay Application: Apply a preplant incorporated treatment of Prowl as directed on that product label for use on soybeans. Follow with a preemergence treatment of Metribuzin 75WG as directed on this label for use on soybeans.

Metribuzin 75WG plus Prowl 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 Prowl. 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.

Preemergence 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 Prowl preemergence north of Interstate 80.** This application must be made after planting and before crop emergence. Do not incorporate.

If cultivation is necessary because of soil crusting, soil compaction, or weed germination before rain or irrigation, use shallow tilling equipment such as a rotary hoe that does not damage soybeans.

Mixing Instructions: Refer to the GENERAL INFORMATION section in the front of this label.

For information on applying Metribuzin 75WG plus Prowl Overlay Application: in fluid or dry fertilizer refer to the APPLICATION OF METRIBUZIN 75WG IN FLUID FERTILIZERS or COMMERCIAL IMPREGNATION and APPLICATION OF METRIBUZIN 75WG ON DRY BULK FERTILIZER under the GENERAL INFORMATION section in the front of this label.

SOUTHERN STATES AND EASTERN COASTAL PLAINS

For use only in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, Southeastern Missouri "Bootheel" Region and Coastal Plains of Delaware, Maryland*, New Jersey*, and Virginia*.

*Metribuzin 75WG plus Prowl is not recommended for use on soils with less than 2% organic matter in the coastal plain of New Jersey or the Delmarva Peninsula.

BROADCAST RATES Metribuzin 75WG Plus Prowl Tank mix Applications		
SOIL TEXTURE	**Metribuzin 75WG Lb./Acre**	**Prowl Pt./Acre**
Coarse[1] (Sandy loam, loamy sand)	⅓	1½
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	½	1½
Fine (Silty clay, silty clay loam[2], clay, clay loam)	⅔	1½ to 2

[1] Do not use on sand soils. Do not use on loamy sand or sandy loam containing less than 1% organic matter.
[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.

NORTHEASTERN AND NORTH CENTRAL STATES
For use only in Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New York, North Dakota, Ohio, Pennsylvania, South Dakota, Wisconsin, and Missouri (except the "Bootheel" Region).

BROADCAST RATES Metribuzin 75WG Plus Prowl Tank mix Applications		
½ % to 3% ORGANIC MATTER		
SOIL TEXTURE	**Metribuzin 75WG Lb./Acre**	**Prowl Pt./Acre**
Coarse[1] (Sandy loam, loamy sand)	⅓	1
Medium (Loam, silt loam, sandy clay, sandy clay loam)	½	1½ to 2
Fine (Silty clay, silty clay loam[2], clay, clay loam)	½ to ⅔	1½ to 2
Over 3% ORGANIC MATTER		
Coarse[1] (Sandy loam, loamy sand)	½	1½
Medium (Loam, silt loam, sandy clay, sandy clay loam)	½ to ⅔	1½ to 2
Fine (Silty clay, silty clay loam[2], clay, clay loam)	⅔ to ⅚	2 to 2½

[1] 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 areas of the U.S.

Do not use on muck or peat soils.

SPECIAL PRECAUTIONS (Metribuzin 75WG and Prowl): 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 Prowl label.

METRIBUZIN 75WG PLUS LASSO

Metribuzin 75WG Plus Lasso Tank Mix Application

PREEMERGENCE

Metribuzin 75WG may be used in a tank mix combination with Lasso as a preemergence band or broadcast application to soybeans in accordance with the specified soil types and dosages recommended.

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 Lasso label for pertinent recommendations, directions for use, restrictions, and any additional weeds not specified on this label.

Do not use on muck soils.

RECOMMENDED APPLICATIONS Metribuzin 75WG Plus Lasso Tank mix Premergence Application (Broadcast Rates)			
SOIL TEXTURE	**Metribuzin 75WG Lb./Acre**	**Plus**	**Lasso Qt./Acre**
½ to 3% Organic Matter			
Coarse[1] (Sandy loam)	⅓	Plus	1½ to 2
Medium[2] (Loam, silt loam, silt, sandy clay, sandy clay loam)	½	Plus	1½ to 2
Fine[2] (Silty clay, silty clay loam[3] clay, clay loam)	⅔	Plus	2
Mississippi Delta Only (Silty clay to heavy clay)	1⅓	Plus	2 to 2½
Greater than 3% Organic Matter			
Coarse[1] (Sandy loam)	½	Plus	1½ to 2
Medium[2] (Loam, silt loam, silt, sandy clay, sandy clay loam)	⅔	Plus	1½ to 2
Fine[2] (Silty clay, silty clay loam[3], clay, clay loam)	⅔ to 5/6	Plus	2 to 2½
Mississippi Delta Only (Silty clay to heavy clay)	1⅓	Plus	2 to 2½

1 Do not use Metribuzin 75WG plus Lasso on sand or loamy sand soils with less than 2% organic matter.

2 For control of lambsquarters, redroot pigweed, wild mustard, green and yellow foxtails on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only, apply Metribuzin 75WG at rates of ⅓ lb./acre on medium soils and ⅓ to ½ lb./acre on fine soils regardless of soil organic matter percentage (use ½ lb. only where soil pH is less than 7.5 and weed pressure is heavy). The ⅓ lb./acre rate of Metribuzin 75WG in tank mix combination with Lasso can be applied regardless of soil pH. For control of other weeds use Metribuzin 75WG at full rates recommended 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.

PREPLANT INCORPORATED: For specific application information, refer to the GENERAL INFORMATION section in the front of this label.

Apply Metribuzin 75WG plus Lasso 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. Apply within 7 days prior to planting and shallowly incorporate into the upper 1 to 2 inches of soil.

Do not use on muck soils.

RECOMMENDED APPLICATIONS Metribuzin 75WG Plus Lasso Tank mix Preplant Incorporated Applications (Broadcast Rates)		
SOIL TEXTURE	**Metribuzin 75WG Lb./Acre**	**Lasso Qt./Acre**
Coarse[1] (Loamy sand [over 2% organic matter], sandy loam)	⅓	2 to 2½
Medium (Loam, silt loam, silt)	½	2½ to 3
Fine (Silty clay loam[2], sandy clay loam, silty clay, sandy clay, clay loam, clay)	⅔	2½ to 3
Mississippi Delta Only (Silty clay, clay)	⅔ to 5/6	2½ to 3

1 Do not use Metribuzin 75WG plus Lasso on sand or loamy sand soils 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 75WG Plus Lasso): For additional precautions, restrictions, limitations, and sprayer clean-up information, refer to the appropriate sections of this label and the Lasso label.

METRIBUZIN 75WG PLUS COMMAND®

Metribuzin 75WG 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.

Application: Metribuzin 75WG plus Command 4EC may only be applied with ground equipment as a preplant or shallow incorporated application. Metribuzin 75WG plus Command 4EC should be immediately incorporated into the top 1 to 3 inches after application unless 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 towns and subdivisions, commercial vegetable, fruit, nurseries, or greenhouse operations.

A minimum of 15 gallons spray volume per acre is recommended with appropriate nozzle types and sizes to produce a coarse spray droplet. The use of an approved agricultural drift reducing additive is recommended 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 foliar 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			
Annual Broadleaves:			
Bristly Starbur	Galinsoga	Prickly Sida/Teaweed	Smartweeds
Carpetweed	Jimsonweed	Purslane	Spurred Anoda
Copperleaf	Knotweed	Common Ragweed	Velvetleaf
Florida Beggarweed	Lambsquarters	Redweed	Venice Mallow
Florida Pusley	Pigweeds	Sesbania	Wild Mustards
Annual Grasses:			
Barnyardgrass*	Crabgrass*	Johnsongrass (seedling)*	Witchgrass
Bluegrass	Foxtails (Green, Giant, Yellow*, Robust Purple)	Fall Panicum*	
Broadleaf Signalgrass	Goosegrass	Texas Panicum	

* Use 2 pt./Acre Command 4EC on coarse- and medium-textured soils with high populations of these weeds.

RECOMMENDED APPLICATIONS Metribuzin 75WG Plus Command 4EC Tank mix Preplant Incorporated Application (Broadcast Rates)		
SOIL TEXTURE	**Metribuzin 75WG (Lb./Acre)**	**Command 4EC Pt./Acre**
0.5% to 3% Organic Matter		
Coarse[2] (Sandy loam, loamy sand)	⅓	1½ to 2
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	⅓ to ½	1½ to 2
Fine (Silty clay, silty clay loam[3], clay, clay loam)	⅓ to ½	1½ to 2
Over 3% Organic Matter		
Coarse[2] (Sandy loam, loamy sand)	⅓	1½ to 2
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	⅓ to ½	1½ to 2
Fine (Silty clay, silty clay loam[3], clay, clay loam)	½ to ⅔	1½ to 2

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 75WG plus Command): Do not rotate to wheat, oats, barley, rye, 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 apply when weather conditions favor drift. Do not use treated vines for feed or forage.

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

Do not apply aerially or through irrigation equipment.

METRIBUZIN 75WG PLUS COMMENCE®

Metribuzin 75WG Plus Commence Tank Mix Early Preplant Incorporated Application: Metribuzin 75WG in a tank mix with Commence 5.25 EC may be applied broadcast preplant incorporated up to 30 days before planting soybeans for the control of certain broadleaf weeds and grasses. Refer to the Commence herbicide label for additional directions for use, weeds 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 75WG, refer to the GENERAL INFORMATION section on this label.

RECOMMENDED APPLICATIONS
Metribuzin 75WG Plus Commence 5.25 EC Tank mix
Early Preplant Incorporated Application[1]

SOIL TEXTURE	Metribuzin 75WG Lb./Acre	Commence 5.25 EC Pt./Acre
½ to 3% Organic Matter		
Coarse[2]	½	1⅓ to 2
Medium	⅔	2 to 2¼
Fine	⅔	2⅔
Over 3% Organic Matter		
Coarse[2]	½	1⅓ to 2
Medium	⅔	2 to 2¼
Fine	1	2⅔

[1] For use on soils with a pH of 7.5 or lower.
[2] Do not use on coarse soils with less than 1% organic matter.

Restrictions and Limitations: Do not apply aerially or through irrigation equipment.

Do not apply when weather conditions favor drift. Do not allow sprays to drift onto adjacent desirable plants. Do not use treated vines for feed or forage.

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 of Metribuzin 75WG.

Metribuzin 75WG plus Commence Tank Mix Preplant Incorporated: Metribuzin 75WG 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 Metribuzin 75WG. See appropriate sections of the Commence 5.25 EC herbicide label for additional precautionary statements, directions for use, recommendations, and additional weeds controlled.

RECOMMENDED APPLICATIONS
Metribuzin 75WG Plus Commence Tank Mix
Preplant Incorporated Application (Broadcast Rates)

SOIL TEXTURE	Metribuzin 75WG Lb./Acre	Commence 5.25EC Pt./Acre
0.5% to 3% Organic Matter		
Coarse[2] (Sandy loam, loamy sand)	⅓	1⅓ to 2
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	⅓ to ½	2 to 2¼
Fine (Silty clay, silty clay loam[2], clay, clay loam)	⅓ to ½	2⅔

Over 3% Organic Matter		
Coarse[2] (Sandy loam, loamy sand)	⅓	1⅓ to 2
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	⅓ to ½	2 to 2¼
Fine (Silty clay, silty clay loam[2], clay, clay loam)	½ to ⅔	2⅔

[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 75WG 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 of Metribuzin 75WG.

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 75WG PLUS FREEDOM®

Metribuzin 75WG may be tank mixed with Freedom 3 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 Metribuzin 75WG. See appropriate sections of the Freedom 3 EC herbicide label for additional precautionary statements, directions for use, recommendations, and additional weeds controlled.

RECOMMENDED APPLICATIONS
Metribuzin 75WG Plus Freedom Tank Mix Preplant Incorporated Application (Broadcast Rates)

SOIL TEXTURE	Metribuzin 75WG Lb./Acre	Plus	Freedom 3 EC Qt./Acre
½ to 3% Organic Matter			
Coarse[1] (Sandy loam)	⅓	Plus	2¾ to 3½
Medium[2] (Loam, silt loam, silt, sandy clay, sandy clay loam)	½	Plus	2¾ to 3½
Fine[2] (Silty clay, silty clay loam[3], clay, clay loam)	⅔	Plus	3½ to 4
Mississippi Delta Only (Silty clay to heavy clay)	1⅓	Plus	3½ to 4½
Greater than 3% Organic Matter			
Coarse[1] (Sandy loam)	½	Plus	3 to 3½
Medium[2] (Loam, silt loam, silt, sandy clay, sandy clay loam)	⅔	Plus	3½ to 4
Fine[2] (Silty clay, silty clay loam[3], clay, clay loam)	⅔ to ⅚	Plus	3½ to 4½
Mississippi Delta Only (Silty clay to heavy clay)	1⅓	Plus	3½ to 4½

[1] Do not use Metribuzin 75WG plus Freedom on sand or loamy sand soils with less than 2% organic matter.
[2] For control of lambsquarters, redroot pigweed, wild mustard, green and yellow foxtails on alkaline (calcareous) soils in Minnesota, Nebraska, South Dakota, and North Dakota only, apply Metribuzin 75WG at rates of ⅓ lb./acre on medium soils and ⅓ to ½ lb./acre on fine soils regardless of soil organic matter percentage (use ½ lb. only where soil pH is less than 7.5 and weed pressure is heavy). The ⅓ lb./acre rate of Metribuzin 75WG in tank mix combination with Freedom can be applied regardless of soil pH. For control of other weeds use Metribuzin 75WG at full rates recommended 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.

Do not use on muck soils.
Do not allow sprays to drift onto adjacent desirable plants.

METRIBUZIN 75WG PLUS CANOPY® PLUS A GRASS HERBICIDE

A tank mix combination of Metribuzin 75WG plus Canopy 75 DF plus a registered and recommended grass herbicide (Dual, Lasso, Prowl, Sonalan, or Treflan) is recommended for control of the following weeds in soybeans:

WEEDS CONTROLLED			
Annual Broadleaves:			
Bristly Starbur	Galinsoga	Prickly Sida/Teaweed	Shepherdspurse
Carpetweed	Jimsonweed	Purslane	Smartweed
Cocklebur	Knotweed	Ragweed, Common	Spurred Anoda
Copperleaf, Hophornbeam	Kochia	Redweed	Velvetleaf
Florida Beggarweed	Lambsquarters	Russian Thistle	Venice Mallow
Florida Pusley	Pigweed	Sesbania	Wild Mustard
Annual Grasses:			
Barnyardgrass	Crabgrass	Johnsongrass (seedling)	Sandbur
Bluegrass	Crowfootgrass	Junglerice	Sprangletop
Broadleaf Signalgrass	Foxtails	Panicum, Fall	Stinkgrass
Browntop Millet	Goosegrass	Panicum, Texas	

Tank mix combinations which include Dual, Lasso, or Prowl can be applied broadcast or preplant incorporated broadcast. When Sonalan or Treflan are used in the tank mix, apply preplant incorporated broadcast. Refer to the table below for recommended rates of each product to be used in tank mix combinations:

RECOMMENDED APPLICATIONS Metribuzin 75WG Plus Canopy 75 DF Plus a Grass Herbicide (Broadcast Rates)			
PRODUCT	**SOIL TEXTURE[1]**		
	Coarse[2]	**Medium**	**Fine**
Metribuzin 75WG (lb./acre)	⅓	⅓ to ½ [3]	½ to ⅔ [3]
Canopy DF (oz./acre)	3	3	3 to 4
Treflan (pt./acre)	1	1½	2
Dual (pt./acre)	1¼ to 1½	1½ to 2	2 to 2½
Prowl (pt./acre)	1½	1½ to 2	1½ to 2½
Lasso (qt./acre)	2 to 2½	2½ to 3	2½ to 3
Sonalan (pt./acre)	1¼ to 2	1¼ to 2½	2¼ to 3

[1] Do not use on soils with a pH greater than 7.0.
[2] Refer to SOIL TEXTURE paragraph on this label for specific soil classification.
[3] Use the lower rate of Metribuzin 75WG 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, postemergence application of a registered and recommended herbicide will be needed for control.

SPECIAL PRECAUTIONS: For additional precautions, restrictions, limitations, and sprayer clean-up information, refer to the appropriate sections of the labels for Metribuzin 75WG and Canopy 75 DF.

Do not use treated vines for feed or forage.

Refer to the GENERAL INFORMATION section of this label for mixing and application directions.

METRIBUZIN 75WG PLUS COMMAND PLUS A GRASS HERBICIDE

Metribuzin 75WG may be applied with Command 4EC and a grass herbicide (Treflan, Lasso, Dual, Prowl, 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 75WG and Command 4EC plus a grass herbicide may be applied preplant incorporated broadcast. Consult the Command, Treflan, Lasso, Dual, Prowl, 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:			
Bristly Starbur	Jimsonweed	Purslane	Sicklepod
Carpetweed	Knotweed	Ragweed, Common	Smartweeds
Copperleaf, Hophornbeam	Kochia	Redweed	Spotted spurge
Florida Beggarweed	Lambsquarters	Russian Thistle	Spurred Anoda
Florida Pusley	Pigweeds	Sesbania	Velvetleaf
Galinsoga	Prickly Sida/Teaweed	Shepherdspurse	Venice Mallow
			Wild Mustard
Annual Grasses:			
Barnyardgrass	Browntop Millet	Foxtails	Panicum, Fall
Bluegrass	Crabgrass	Goosegrass	Witchgrass
Broadleaf Signalgrass	Crowfootgrass	Johnsongrass (seedling)	

Metribuzin 75WG and Command plus Treflan, Lasso, Dual, Prowl, or Sonalan will provide suppression (reduce the competition) of cocklebur and sunflower.

RECOMMENDED APPLICATIONS
Metribuzin 75WG Plus Command Plus a Grass Herbicide (Broadcast Rates)

PRODUCT	SOIL TEXTURE[1]		
	Coarse	Medium	Fine
Metribuzin 75WG (lb/acre)	⅓	⅓ to ½ [2]	½ to ⅔ [2]
Command 4EC[3] (pt/acre)	½ to ¾	½ to ¾	½ to ¾
Treflan (pt/acre)	1	1½	2
Dual (pt/acre)	1¼ to 1½	1½ to 2	2 to 2½
Prowl (pt/acre)	1½	1½ to 2	1½ to 2½
Lasso (qt/acre)	2 to 2½	2½ to 3	2½ to 3
Sonalan (pt/acre)	1¼ to 2	1¾ to 2½	2¼ to 3

[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 75WG is recommended for the control of sicklepod and hemp sesbania. Use the lower rate of Metribuzin 75WG 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] Higher rate is recommended under moderate to heavy weed infestations.

METRIBUZIN 75WG PLUS SCEPTER PLUS A GRASS HERBICIDE

Metribuzin 75WG may be applied with Scepter herbicide and a grass herbicide (Treflan, Lasso, Dual, Prowl, or Sonalan) for the control of certain broadleaf weeds and grasses in soybeans. Metribuzin 75WG and Scepter plus Treflan or Sonalan may be applied preplant incorporated broadcast. Metribuzin 75WG and Scepter plus Lasso, Dual or Prowl may be applied preplant incorporated, preemergence broadcast or in a band application.

Consult the Scepter, Treflan, Lasso, Dual, Prowl, 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: Metribuzin 75WG plus Scepter plus Treflan, Lasso, Dual, Prowl, or Sonalan will control the following broadleaf weeds and grasses:

WEEDS CONTROLLED			
Annual Broadleaves:			
Bristly Starbur	Galinsoga	Prickly Sida/Teaweed	Smartweeds
Buffalobur	Jimsonweed	Purslane	Spotted spurge
Carpetweed	Knotweed	Ragweed, Common	Spurred Anoda
Cocklebur	Kochia	Redweed	Sunflower
Coffee Senna	Lambsquarters	Russian Thistle	Velvetleaf

Copperleaf, Hophornbeam	Morningglory, pitted	Sesbania	Venice Mallow
Florida Beggarweed	Morningglory, smallflower	Shepherdspurse	Wild Mustards
Florida Pusley	Pigweeds	Sicklepod	
Annual Grasses:			
Barnyardgrass	Browntop Millet	Foxtails	Panicum, Fall
Bluegrass	Crabgrass	Goosegrass	Witchgrass
Broadleaf Signalgrass	Crowfootgrass	Johnsongrass (seedling)	

Metribuzin 75WG and Scepter plus Treflan, Lasso, Dual, Prowl, or Sonalan will suppress (reduce the competition) of ivyleaf and tall morningglory, and red rice.

Metribuzin 75WG Plus Scepter Plus a Grass Herbicide (Broadcast Rates)			
PRODUCT	**SOIL TEXTURE[1]**		
	Coarse	**Medium**	**Fine**
Metribuzin 75WG (lb./acre)	⅓	⅓ to ½ [2]	½ to ⅔ [2]
Scepter (1.5 lb./gal liquid[3] pt./acre)	⅓ to ½	⅓ to ½	⅓ to ½
-or-			
Scepter 70 DG[3] (oz./acre)	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1
Treflan (pt./acre)	1	1½	2
Dual (pt./acre)	1¼ to 1½	1½ to 2	2 to 2½
Prowl (pt./acre)	1½	1½ to 2	1½ to 2½
Lasso (qt./acre)	2 to 2½	2½ to 3	2½ to 3
Sonalan (pt./acre)	1¼ to 2	1¾ to 2½	2¼ to 3

[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 75WG is recommended for preemergence tank mix application and for the control of sicklepod and hemp sesbania. Use the lower rate of Metribuzin 75WG 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] Higher rate is recommended under moderate to heavy weed infestations.

METRIBUZIN 75WG PLUS PURSUIT® AND A GRASS HERBICIDE

Metribuzin 75WG may be tank mixed with Pursuit herbicide and a registered and recommended grass herbicide (Dual, Lasso, Prowl, Sonalan, or Treflan) for control of certain broadleaf and grass weeds in soybeans. Refer to the product labels for Pursuit, Dual, Lasso, Prowl, Sonalan, or Treflan for additional directions for use, recommendations, restrictions, and limitations not included on this label.

Tank mix combinations of Metribuzin 75WG, Pursuit and Dual, Lasso or Prowl can be applied broadcast preemergence or preplant incorporated. When the grass herbicide used is Sonalan or Treflan, 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 75WG.

RECOMMENDED APPLICATIONS Metribuzin 75WG Plus Pursuit and a Grass Herbicide*		
SOIL TEXTURE	**Metribuzin 75WG (Lb./Acre)**	**Pursuit (Oz./Acre)**
Coarse	⅓	4
Medium	2/5 to ½	4
Fine	½ to ⅔	4
*For control of grass weeds include Dual, Lasso, Prowl, Sonalan, or Treflan at label rates in the tank mix with Metribuzin 75WG 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 75WG PLUS PURSUIT PLUS HERBICIDE

Metribuzin 75WG 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 75WG.

RECOMMENDED APPLICATIONS
Metribuzin 75WG Plus Pursuit Plus Herbicide

SOIL TEXTURE	Metribuzin 75WG (Lb./Acre)	Pursuit (Oz./Acre)
Coarse	⅓	2½
Medium	2/5 to ½	2½
Fine	½ to ⅔	2½

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 75WG PLUS LINURON PLUS (LASSO or DUAL)

Metribuzin 75WG plus Linuron plus (Lasso or Dual) Tank Mix Application: Metribuzin 75WG may be applied in combination with Linuron 50 DF or 4L and Lasso 4 or Dual 8 EC as a preemergence application for the control of certain weeds in soybeans. Consult the linuron, Lasso, or Dual 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.

Metribuzin 75WG Plus Linuron Plus (Lasso or Dual)
Broadcast Rates (0.5 to 3% Organic Matter Only)

PRODUCT	SOIL TEXTURE		
	Coarse[1] (Sandy, loamy sand, sandy loam)	Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	Fine (Silty clay, silty clay loam[2], clay, clay loam)
Metribuzin 75WG (lb./acre)	1/8 to ¼	¼ to ⅓	⅓ to ½
Linuron 50 DF (lb./acre) -or- Linuron 4L (pt./acre)	⅓ to ½	½ to ¾	¾ to 1½
Lasso 4 (qt./acre) -or-	¾ to 1	1 to 1½	1¼ to 2
Dual 8 EC (pt./acre)	1 to 1¼	1¼ to 1½	1½ to 2

[1] Do not use Metribuzin 75WG plus linuron plus (Lasso or Dual) 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 (Metribuzin 75WG plus Linuron plus (Lasso or Dual): For additional precautions, restrictions, limitations, and sprayer clean-up information, refer to the appropriate sections of this label and the linuron label and the Lasso or Dual labels.

FOR USE IN COARSE (LIGHT) SOILS in Alabama, Arkansas, Florida, Georgia, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, and Virginia.

Metribuzin 75WG herbicide is recommended alone or in combination with Treflan, Lasso or Dual for use in coarse-textured, low organic matter soils in the states listed above for the control of certain weeds in soybeans. Refer to the appropriate sections of this label and the Treflan, Lasso or Dual label 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: For specific application information, refer to the GENERAL INFORMATION section in the front of this label.

Metribuzin 75WG (Alone) Preemergence Application (Broadcast Rates)		
SOIL TEXTURE	**ORGANIC MATTER**	**METRIBUZIN 75WG lb./acre**
Coarse (Light) Soils-Sand[1], Loamy Sand, Sandy Loam	0.5% or Above	⅓ to ½ [2]
[1] Not recommended for use on sand with less than 1% organic matter. [2] Use the higher rate under heavy weed pressures and/or on soils higher in organic matter.		

Metribuzin 75WG in Combination with Other Herbicides: Metribuzin 75WG is recommended in a tank mix combination with Treflan as a preplant incorporated application or as a preemergence overlay application following a preplant incorporated application of Treflan. Metribuzin 75WG is also recommended for use as a preemergence application in combination with Lasso or Dual.

FOR USE IN COARSE (Light) SOILS 0.5% or Above Organic Matter (Broadcast Rates)			
Soil Texture	**Combination Product/Acre**	**Plus**	**Metribuzin 75WG lb./acre**
Coarse (Light) Soils- Sand[1], Loamy sand, Sandy loam	Preplant Incorporated Treflan 4EC 1 pt.	Plus	⅓ to ½ [2]
	Preemergence Lasso 4E 1 ½ to 2 qt. Dual 8E 1¼ to 1½ pt.	Plus	⅓ to ½ [2]
[1] Not recommended for use on sand 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 sand soils 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 Treflan, Lasso, Dual, Surflan, or Amiben labels.

BURNDOWN WEED CONTROL-Field Corn and Soybeans

Metribuzin 75WG can be used as part of an herbicide program for burndown of existing vegetation prior to crop emergence in conservation tillage systems. Metribuzin 75WG may be tank mixed with 2,4-D low volatile ester (LVE), Gramoxone Extra, or Roundup/Roundup Ultra/Touchdown for control of emerged weeds prior to field corn or soybean emergence. Metribuzin 75WG tank mixes with 2,4-DB, Fusion, Poast Plus, or Select may also be used in soybeans for control of emerged weeds prior to crop emergence. Metribuzin 75WG 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 products except Fusion tank mixes-see Fusion section of this label for recommended states.

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

METRIBUZIN 75 DF BURNDOWN RATES Field Corn and Soybeans		
Crops	**Application Timing**	**Metribuzin 75WG Rate (oz./A)**
Field Corn: Iowa, Kansas, Missouri, Nebraska, South Dakota	Preplant (0 to 30 days)	2 to 5⅓
	Preemergence	
Field corn: Illinois, Indiana, Kentucky, Michigan, Minnesota, Ohio, Wisconsin	Preplant (10 to 30 days)	2 to 5⅓
	Preplant (0 to 9 days)	2 to 4
	Preemergence	
Soybeans	Preplant (0 to 30 days)	2 to 5⅓
	Preemergence	

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 75WG 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 5⅓ oz. Metribuzin 75WG (0.25 pound active ingredient) per acre per growing season.
5. Corn seed should be planted a minimum of 1½ inches deep.
6. Metribuzin 75WG may only be used in hybrid seed corn production fields if both inbred parents are known to be tolerant to Metribuzin 75WG.

Soybeans:

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

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

METRIBUZIN 75WG PLUS TANK MIX PARTNER BURNDOWN RATES-Field Corn or Soybeans		
Product	**Rate**	**Directions and Remarks**
Metribuzin 75WG + 2,4-D LVE	2 to 5⅓ oz./A* + ¼ to 1 lb. ai/A	In soybeans, apply at least 7 days preplant when using 2,4-D LVE at ¼ to ½ lb. ai/A and at least 30 days preplant with rates greater than ½ lb. ai/A. Include crop oil concentrate (COC) at the rate of 1 gal./100 gal of spray solution (1% v/v). In corn, apply at least 7 days preplant or at least 3 days after planting but before corn emergence.
Metribuzin 75WG + Gramoxone Extra	2 to 5⅓ oz./A* + 24 to 48 fl. oz./A	Must be applied prior to crop emergence. Use 24 to 32 fluid ounces of Gramoxone Extra for weeds less than 4 inches in height and 32 to 48 fluid ounces when weeds are 4 to 6 inches in height. Apply in 20 to 60 gallons of water per acre. Include either nonionic surfactant at 1 quart per 100 gallons (0.25% v/v) or crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.
Metribuzin 75WG + Gramoxone Extra + 2,4-D LVE	2 to 5⅓ oz./A* + 24 to 48 fl. oz./A + ¼ to 1 lb. ai/A	For this tank mix follow the Directions and Remarks Sections above for Metribuzin 75WG + 2,4-D LVE and Metribuzin 75WG + Gramoxone Extra, paying special attention to crop planting restrictions with 2,4-D LVE. Include either nonionic surfactant or crop oil concentrate in this tank mix.
Metribuzin 75WG + Roundup/Roundup Ultra **or** Touchdown	2 to 5⅓ oz./A* + 12 to 24 fl. oz./A **or** 8 to 16 fl. oz./A	Must be applied prior to crop emergence. Use the higher rates as weeds approach the maximum weed heights listed in the WEEDS CONTROLLED section below. Apply in 10 to 20 gallons of water per acre. With Roundup and Touchdown, include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) and ammonium sulfate (spray grade) at 17 pounds per 100 gallons of spray solution. With Roundup Ultra, include ammonium sulfate (spray grade) at 17 pounds per 100 gallons of spray solution. Any glyphosate formulation registered and labeled for use in field corn or soybeans may be tank mixed with Metribuzin 75WG.
Metribuzin 75WG + Roundup/Roundup Ultra **or** Touchdown + 2,4-D LVE	2 to 5⅓ oz./A* + 12 to 24 fl. oz./A **or** 8 to 16 fl. oz./A + ¼ to 1 lb. ai/A	For this tank mix follow the Directions and Remarks Sections above for Metribuzin 75WG + 2,4-D LVE and Metribuzin 75WG + Roundup/Roundup Ultra/Touchdown, paying special attention to planting restrictions with 2,4-D LVE. Use the adjuvant recommendations under the Metribuzin 75WG + Roundup/Roundup Ultra/Touchdown tank mix. Do not use crop oil concentrate.
* If applied to field corn grown in Illinois, Indiana, Kentucky, Michigan, Minnesota, Ohio, and Wisconsin, refer to Table 1 for correct Metribuzin 75WG rate based on application timing.		

METRIBUZIN 75WG PLUS TANK MIX PARTNER BURNDOWN RATES- Soybeans Only		
Product	**Rate**	**Directions and Remarks**
Metribuzin 75WG + 2,4-D LVE	2 to 5⅓ oz./A* + ⅛ to 7/32 lb. ai/A	Apply preplant or before soybean emergence. Include nonionic surfactant at 2 quarts per 100 gallons (0.5% v/v) of spray solution.
Metribuzin 75WG + Fusion + 2,4-D LVE	2 to 5⅓ oz./A* + 4 to 8 fl. oz./A + ¼ to 1 lb. ai/A	For use only in Delaware, Illinois, Indiana, 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 75WG + 2,4-D LVE. Fusion rates of 4, 6 and 8 fl. ounces will control certain grasses up to 2, 4 and 6 inches in height, respectively. Include either crop oil concentrate at 1 gallon per 100 gallon (1.0% v/v) or nonionic surfactant at 1 to 2 quarts per 100 gallons (0.25 to 0.5% v/v) of spray solution. Refer to the Fusion label for additional information.
Metribuzin 75WG + Poast Plus + 2,4-D LVE	2 to 5⅓ oz./A* + 8 to 16 fl. oz./A + ¼ to 1 lb. ai/A	For this tank mix follow the planting restrictions under the Directions and Remarks Section above for Metribuzin 75WG + 2,4-D LVE. The 8 and 12 fl. oz. rate of Poast Plus will control certain grasses up to 2 and 3 inches in height, respectively. Include either crop oil concentrate at the rate of 1 gallon per 100 gallons of spray solution (1% v/v) or Dash HC at 1 pint at 1 pint per acre. Refer to the Poast Plus label for additional information.
Metribuzin 75WG + Select + 2,4-D LVE	2 to 5⅓ oz./A* + 3 to 4 fl. oz./A + ¼ to 1 lb. ai/A	For this tank mix follow the planting restrictions under the Directions and Remarks section above for Metribuzin 75WG + 2,4-D LVE. The 3 and 4 fluid ounce rates of Metribuzin 75WG will control certain grasses up to 3 and 4 inches in height, respectively. Include crop oil concentrate at the rate of 1 quart per acre and 28% UAN (urea ammonium nitrate) at a rate of 1 to 2 quarts per acre. Refer to the Select label for additional information.

Weeds controlled: Metribuzin 75WG in tank-mixtures with the above herbicides will provide burndown control of the weeds listed below.

WEEDS CONTROLLED BY BURNDOWN RATES OF METRIBUZIN 75WG									
Weeds Controlled	**METRIBUZIN 75WG**								
	2,4- D LVE	**Poast Plus + 2,4-D LVE**	**Select + 2,4- D LVE**	**Fusion + 2,4-D LVE**	**Roundup/ Roundup Ultra/ Touchdown**	**Roundup/ Roundup Ultra/ Touchdown + 2,4-D LVE**	**Gramoxone Extra**	**Gramoxone Extra + 2,4-D LVE**	**2,4-DB**
ANNUAL GRASSES	**MAXIMUM BURNDOWN HEIGHT (INCHES)**								
Barley	Does not control these species	-	-	-	8		4 to 6		Does not control these species
Barnyardgrass		2 to 3	3 to 4-	-	6		4 to 6		
Crabgrass spp.		2 to 3	-	-	6		4 to 6		
Foxtail spp.		2 to 3	3 to 4	2 to 6	8		4 to 6		
Johnsongrass, seedling		2 to 3	-	-	8		4 to 6		
Panicum, fall		2 to 3	3	2 to 6	6		4 to 6		
Sandbur, field		-	-	-	8		4 to 6		
Shattercane		2 to 3	-	-	8		4 to 6		
Wheat, volunteer		-	-	-	6		4 to 6		
Witchgrass		2 to 3	-	-	6		4 to 6		
BROADLEAVES	**MAXIMUM BURNDOWN HEIGHT (INCHES)**								
Buffalobur	-				6	6	4 to 6	4 to 6	-
Chickweed, common	6				6	8	4 to 6	4 to 6	2
Cocklebur, common	6				6	8	4 to 6	4 to 6	6
Dandelion, common	6 dia[a]				2 dia[b]	6 dia[a]	4 dia[d]	6 dia[a]	2 dia
Henbit	4				4	4	4 to 6	4 to 6	-
Horseweed/marestail	6[ac]				4[b]	6	3	6[a]	2[c]
Jimsonweed	6				6	6	4 to 6	4 to 6	2
Kochia*	4[ac]				4	4	4	4	-
Ladysthumb	6				6	8	4 to 6	4 to 6	3

Lambsquarters, common	6	6	8	4 to 6	4 to 6	2
Lettuce, prickly	6	4	6	4 to 6	4 to 6	2
Mallow, Venice	6	6	6	4 to 6	4 to 6	-
Morningglory spp.	6	2	4	2	4	4
Mustard spp.	6	6	8	4 to 6	4 to 6	2
Pennycress, field	6	6	6	4 to 6	4 to 6	2
Pigweed, spp. (annual)	6	6	8	4 to 6	4 to 6	3
Ragweed, common	6	6[a]	8	4 to 6	4 to 6	2
Ragweed, giant	6[abc]	4[b]	6	4	6	2
Shepherdspurse	6	6	6	4 to 6	4 to 6	-
Sida, prickly	6	4	4	4	4	1
Smartweed, Pennsylvania	6	6	8	4 to 6	4 to 6	3
Sunflower, common	6	6	6	4 to 6	4 to 6	4
Thistle, Russian	4[abc]	2 to 4[bc]	6	4	4 to 6	3[c]
Velvetleaf	6	6	8	4 to 6	4 to 6	3
Waterhemp spp.	6	6	8	4 to 6	4 to 6	3

[a] Use 2,4-D LVE at 0.5 pound active ingredient per acre.
[b] Use a minimum Roundup/Roundup Ultra rate of 16 fl. oz./A and a minimum Touchdown rate of 10.6 fl. oz./A.
[c] Use Metribuzin 75WG at 4 oz./A for optimum control.
[d] Suppression only.
* Does not control triazine resistant biotypes.

RESIDUAL WEED CONTROL

Metribuzin 75WG 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 the crop.

For residual control, Metribuzin 75WG burndown programs may include tank mixes with the following herbicides or combination of herbicides:

Field Corn			
Alachlor	Bullet	Linex	Ramrod/Atrazine
Atrazine	Clarity	Linuron	Simazine
Banvel	Dual	Lorox	Surpass
Bicep	Dual II	Marksman	Surpass 100
Bicep II	Frontier	Pentagon	Top Notch
Bicep Lite	Guardsman	Prowl	
Bladex	Harness	Pursuit[a]	
Broadstrike + Dual	Harness Xtra	Pursuit Plus[a]	
Broadstrike Plus	Lariat	Ramrod	

[a] Use only Pursuit resistant/tolerant corn hybrids.

Soybeans			
Alachlor	Dual	New Lorox Plus	Pursuit Plus
Broadstrike + Dual	Dual II	Pentagon	Scepter
Canopy	Frontier	Preview	Sencor[b]
Command	Gemini	Prowl	Squadron
Detail	Linuron	Pursuit	Turbo

[b] Metribuzin 75WG used (alone and in tank mixes) on soybeans at higher labeled rates than those listed for burndown weed control will also provide residual control of those weeds listed in the WEEDS CONTROLLED by Metribuzin 75WG and Metribuzin 75WG TANK MIX COMBINATIONS section of the Metribuzin 75WG label.

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

SOUTHERN AND SOUTHEASTERN STATES ONLY

Postemergence Directed Spray Applications

Metribuzin 75WG 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 Metribuzin 75WG can be applied to soybeans in addition to a preemergence or preplant application of Metribuzin 75WG herbicide according to label directions.

Weeds Controlled: Metribuzin 75WG 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 broadleaves are less than 3 inches tall:

⅓ Lb./Acre
Florida beggarweed (*Desmodium tortuosum*)
Pigweeds (*Amaranthus spp.*)
Carpetweed (*Mollugo verticilliata*)
Cocklebur (*Xanthium pensylvanicum*)
Dayflower (*Commelina spp.*)
Mexicanweed (*Caperonia castaniifolia*)
Purslane (*Portulaca oleracea*)
Sicklepod (*Dassia obtusifolia*)
Velvetleaf (*Abutillion theophrasti*)
Crabgrass (*Digitaria spp.*)

⅓ to ⅔ Lb./Acre
Sesbania (*Sesbania spp.*)
Pricklysida/Teaweed (*Sida spinosa*)

⅔ Lb./Acre
Ragweed, common (*Ambrosia artemisiifolia*)

At the rate of ⅔ lb./acre morningglory species (*Ipomoea spp.*), horsenettle (*Solanum spp.*), Florida pusley (*Richardia acabra*), spotted spurge (*Euphorbia maculata*), and wild poinsettia (*Euphorbia heterophylia*) are suppressed when Metribuzin 75WG is applied before these weeds are 3 inches tall. The ⅔ lb./acre rate will suppress broadleaf signal grass (*Brachiaria platyphylla*) up to 1 inch tall.

METRIBUZIN 75WG POSTEMERGENCE DIRECTED SPRAY

RECOMMENDED APPLICATIONS	
CROP	**Metribuzin 75WG Lb./Acre**
Soybeans- (Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas	⅓ to ⅔ (Broadcast Basis)
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 Ortho X-77 to the spray mixture to obtain better wetting of weed leaf surfaces. To determine the correct dosage of Metribuzin 75WG for a band application, see BANDED APPLICATION under the GENERAL INFORMATION section in the front of this label. If necessary, a second postemergence directed spray application can be made after 7 days. Do not feed or graze green soybean vines. Do not harvest soybeans or use dry soybean vines for feed or forage within 70 days of last application.	

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 ¼ to ⅓ of soybean plants. Soybean leaves contacted by the spray will be killed.

Do not apply Metribuzin 75WG 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, sprayer 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.

POTATOES

Metribuzin 75WG herbicide is recommended for use in ground, aircraft, or specified chemigation equipment as a premergence 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, Bellchip, Centennial, Chipbelle, and Shepody are sensitive to Metribuzin 75WG. 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: Metribuzin 75WG is recommended for use with ground spray equipment applied as a preemergence and/or postemergence application for control of the listed grass and broadleaf weeds in potatoes. Apply as a uniform broadcast spray at 20 or more gallons per acre.

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

Chemigation: Metribuzin 75WG may be applied preemergence and/or early postemergence to potatoes using center pivot, solid set, and lateral roll systems. Apply specified dosage in ¼ to ¾ inch of water per acre (¼ to ½ 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 Metribuzin 75WG has been flushed from the lines before shutting down the system.

WEEDS CONTROLLED

Metribuzin 75WG 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)

Broadleaves:			
Carpetweed, common[1]	Mustard, Indian[1]	Pigweed,redroot[1,2]	Sicklepod[1]
Cocklebur, common[1,2]	Mustard, tansy[1]	Pigweed, redroot[1,2]	Smartweed, Pennsylvania[1,2]
Jimsonweed[1]	Mustard, tumble[1]	Pigweed, smooth[1,2]	Sunflower, common[3]
Kochia[1]	Mustard, wild[1]	Ragweed, common[1,2]	Thistle, Russian[2]
Lambsquarters, common[1,2]	Pennycress, field[1,2]	Shepherdspurse[1]	
Grasses:			
Barnyardgrass[3]	Foxtail, giant[1]	Johnsongrass, seedling[1]	Signalgrass, broadleaf[1]
Crabgrass, large[1]	Foxtail, green[1]	Panicum, fall[1]	
Crabgrass, smooth[1]	Foxtail, yellow[1]		

[1] Weeds controlled with preemeregence applications.
[2] Weeds controlled with postemergence applications.
[3] Weeds requiring two applications for control.

HARD TO CONTROL WEEDS

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

Broadleaves	Grasses
Kochia	Barnyardgrass
Nightshade, hairy	Nutsedge, yellow
Purslane, common	
Sunflower, common	

NOTE: Where triazine-resistant weeds are present, Metribuzin 75WG alone may not provide adequate control.

RECOMMENDED BROADCAST APPLICATIONS FOR POTATOES	
Directions/Remarks	**Metribuzin 75WG (Lb./Acre)**
Apply specified dosage as a broadcast spray. Do not mechanically incorporate into soil. Use the ⅓ to ⅔ lb./acre rate for control of wild mustard (*Brassica* spp.) only. On sand soils or sensitive varieties, do not exceed ⅔ lb/acre.	⅓ to 1⅓
Postemergence (Except early maturing smooth skinned, red skinned, and other specified varieties): Apply specified dosage as a broadcast spray over the tops of potato plants*. Use rates of ⅓ to ⅔ lb./acre for control of redroot pigweed and common lambsquarters only. Apply the ⅔ lb./acre rate for control of other weeds listed on this label.	⅓ to ⅔
Split Applications: This product may be applied once preemeergence and once postemergence as directed above.* Do not exceed 1⅓ lb. total per acre per season.	

Idaho, Oregon, and Washington Only: Two postemergence applications can be made as broadcast sprays over the tops of potato plants if Metribuzin 75WG is applied preemergence. Use ⅓ to ⅔ lb./acre for control of redroot pigweed and lambsquarters only. On coarse (sandy) soils with low organic matter, do not exceed ½ lb./acre per application. On medium and heavy soils only, use ⅔ 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.

*Refer to SPECIAL PRECAUTIONS-Potatoes below

TANK MIXES

Metribuzin 75WG may be tank mixed with the following herbicides: Dual/Dual II, Eptam, Prowl 3.3 EC, and Matrix. In addition, three-way tank mix combinations may be used for Metribuzin 75WG plus Dual/Dual II, Eptam, or Prowl 3.3 EC plus Matrix when applied preemergence. Refer to each product's label for precautionary statements, restrictions, application information, and weeds controlled.

Dual/Dual II: Metribuzin 75WG may be applied in a tank mix combination with Dual/Dual II as a preemergence broadcast application. Apply Metribuzin 75WG at ½ to 1⅓ lbs. and Dual/Dual II at 1.5 to 3 pints per acre according to the respective labels for use of each product alone on potatoes.

Eptam: Metribuzin 75WG may be tank mixed with Eptam at rates and uses permitted on each product's label.

Prowl 3.3 EC: Metribuzin 75WG may be applied in tank mix combination with Prowl as a preemergence or early postemergence broadcast application. As a preemergence mix, apply Metribuzin 75WG at ⅔ to 1⅓ lbs. and Prowl at 1.2 to 3.6 pints per acre. As an early postemergence spray, apply Metribuzin 75WG at ⅓ to ⅔ lb. and Prowl at 1.2 to 3.6 pints per acre before the crop is in the 6-inch growth stage.

Matrix: (except the following counties in Colorado: Almosa, Conejos, Costilla, Rio Grande, and Saguache): Metribuzin 75WG may be applied in tank mix combination with Matrix as a preemergence and/or early postemergance application for improved control on weeds such as Russian thistle, kochia, and common lambsquarters. As a preemergence mix, apply Metribuzin 75WG at ⅓ to ¾ lb. and Matrix at 1 to 1½ oz. product per acre. As an early postemergence spray, apply Metribuzin 75WG at ⅓ to ⅔ lb. and Matrix at 1 to 1½ oz. product per acre. Use a nonionic surfactant at a rate of 0.125% v/v (1 pt./100 gallon 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 75WG on potatoes in Kern County, California.

Do not apply more than a total of 1⅓ lbs. Metribuzin 75WG 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 russet or white skinned varieties that are not early maturing.

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

Do not apply Metribuzin 75WG within 60 days of harvest.

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 75WG application.

Do not rotate any crop not listed on this label for 18 months following application of Metribuzin 75WG.

Certain cereal varieties are sensitive to Metribuzin 75WG (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 75WG 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).
3. Alfalfa-Tank mix combination with Gramoxone (Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming, and the following California counties: Del Norte, Lassen, Modoc, Nevada, Plumas, Shasta, Sierra, and Siskiyou).
4. Alfalfa-Post Dormant Application of Metribuzin 75WG Impregnated on Dry Fertilizer Only (Connecticut, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Nebraska, New Mexico, New York, Ohio, Oklahoma, Pennsylvania, South Dakota, Tennessee, Texas, and Wisconsin).
5. Alfalfa-Non-Dormant, Non-Winter Hardy varieties (Arizona only).

Metribuzin 75WG is recommended for use 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 75WG. For information on applying Metribuzin 75WG in fluid or on dry fertilizer refer to the APPLICATION OF METRIBUZIN 75WG IN FLUID FERTILIZERS or COMMERCIAL IMPREGNATION and APPLICATION OF METRIBUZIN 75WG ON DRY BULK FERTILIZER under the GENERAL INFORMATION section of this label.

SPECIAL PRECAUTIONS: Use Metribuzin 75WG only on established alfalfa and sainfoin. Do not apply Metribuzin 75WG 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 75WG 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 75WG.

Crop injury may occur when:

1. Crop is under stress conditions such as diseases, insect infestation, 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 ½ inch of water in the first irrigation after Metribuzin 75WG is applied.

ALFALFA AND SAINFOIN (All Areas Except California)

RECOMMENDED BROADCAST APPLICATIONS	
CROP	**Metribuzin 75WG (Lb./Acre)**
Alfalfa and Sainfoin (Except California)	⅓ to 1⅓
Select the proper dosage according to weeds known to be and present in field to be treated. On loamy sand soils in Oregon and Washington, do not apply more than ⅔ lb. of Metribuzin 75WG per acre.	

FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES: Rates of ⅔ to 1 lb. of Metribuzin 75WG 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 75WG should not be used on sand soils. In areas West of the Rocky Mountains, avoid using Metribuzin 75WG on soils with calcareous surface area, high levels of lime or sodium, or a pH greater than 8.2.

ALFALFA AND SAINFOIN (Continued)

WEEDS CONTROLLED (Except California)	
⅓ to ½ lb. Metribuzin 75WG/Acre	
Chickweed, common (*Stellaria media*)	
½ to ⅔ lb. Metribuzin 75WG	
Cheat (*Bromus secalinus*) Deadnettle, Purple (*Lamium purpureum*) Downy brome (*Promus tectorum*) Japanese brome (*Bromus japonicus*)	Pennycress (*Thlaspi arvense*) Rescuegrass (*Bromux catherticus*) Shepherdspusrse (*Capsella bursa pastoris*)
⅔ to 1⅓ lb. Metribuzin 75WG/Acre	

Broadleaves Fleabane, Rough (*Erigeron strihosus*) Flixweed (*Descurainia sophia*) Henbit (*Lamium amplexicaule*) Kochia (*Kochia scoparia*) Lambsquarters, common (*Chenopodium album*) Marestail (Horseweed) (*Hippuris vulgaris*) Meadow Salsify (*Tragopogon pratensis*) Mustard, Blue (*Chorispora tenella*)	Mustard, Jim Hill (tumble) (*Sisymbrium altissimum*) Mustard, Tansy (*Descurainia pinnata*) Pepperweed (*Lepidium virginicum*) Pigweed, Redroot (*Amaranthus retroflexus*) Prickly Lettuce (*Lactuca serriola*) White Cockle (*Melandrium album*) Wild Buckwheat (*Polygonium convolvulus*) Yellow Rocket (*Barbarea vulgaris*)
Grasses Foxtail, Green (*Setaria viridis*) Little Barley (*Hordeum pusillum*)	Smooth Brome (*Bromus inermis*) Wild Oats (*Avana fatua*)
1⅓ lb. Metribuzin 75WG/Acre	
Broadleaves Chickweed, Mousear (*Cerastium vulgatum*) Dandelion (*Taraxacum officinale*) Ragweed, common (*Ambrosia artemisiifolia*)	**Grasses** Barnyardgrass (*Echinochloa crus-galli*) Bluegrass (*Poa annua*) Foxtail Barley (*Hordeum jubatum*)

Weeds Partially Controlled: At the rate of 1⅓ lb./acre, Metribuzin 75WG may be used to reduce the competition from curly dock (*Rumex crispus*).
At ⅔ to 1⅓ lb./acre, Metribuzin 75WG may be used to reduce the competition of German Moss or knawel (*Scleanthus annus*).

ALFALFA AND SAINFOIN (California Only)-(Including Mixed Stands with Grasses)
Metribuzin 75WG is recommended for use in aerial or ground spray equipment as a broadcast surface application to dormant established crops of alfalfa and sainfoin.

APPLICATION: Metribuzin 75WG is recommended for use 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 75WG 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 75WG in fluid fertilizer solutions to alfalfa, refer to the appropriate section of this label.

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

WEEDS CONTROLLED	
⅓ to ⅔ lb. Metribuzin 75WG/Acre	
Cheatgrass (downy brome) (*Bromus secalinus*)	
⅔ to 1⅓ lb. Metribuzin 75WG/Acre	
Broadleaves Chickweed, common (*Stellaria media*) Flixweed (*Descurainia sophia*) Henbit (*Lamium amplexicaule*) Kochia (*Kochia scoparia*) Meadow Salsify (*Tragopogon pratensis*) Mustard, Blue (*Chorispora tenella*)	Mustard, Tansy (*Desccurainia pinnata*) Pepperweed, Virginia (*Lepidium virginicum*) Shepherdspusrse (*Capsella bursa pastoris*) White Cockle (*Melandrium album*) Wild Buckwheat (*Polygonium convolvulus*) Yellow Rocket (*Barbarea vulgaris*)
Grasses Smooth Brome (*Bromus inermis*) Wild Oats (*Avana fatua*)	
1⅓ lb. Metribuzin 75WG/Acre	
Broadleaves Dandelion (*Taraxacum officinale*)	**Grasses** Barnyardgrass (*Echinochloa crus-galli*) Bluegrass (*Poa annua*) Foxtail Barley (*Hordeum jubatum*)

RECOMMENDED BROADCAST APPLICATIONS	
CROP	**Metribuzin 75WG (Lb./Acre)**
Alfalfa and Sainfoin (California Only)	½ to 1⅓

Select the proper dosage according to weeds known to be and present in 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 75WG 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 1⅓ lb./acre rate, Metribuzin 75WG may be used for suppression of curly dock.

FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES: Rates of ⅜ to 1⅓ lb. of Metribuzin 75WG 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/or when sensitive cool season crops, such as cole crops, onions, 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 75WG PLUS GRAMOXONE EXTRA TANK MIX

Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, Wyoming, and the following California counties: Del Norte, Lassen, Modoc, Nevada, Plumas, Shasta, Sierra, and Siskiyou.

APPLICATION: Metribuzin 75WG plus Gramoxone Extra tank mix application is recommended for use, 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 75WG/ Gramoxone Extra tank mix to regrowth (after grazing or cutting) that is more than 2 inches tall. Apply once per season. Do not apply following cuttings during growing season. Use a minimum of 10 gallons of water per acre with aerial spray equipment and a minimum of 20 gallons of water per acre with ground spray equipment. Add a non-ionic spreader at label rates to the spray solution.

WEEDS CONTROLLED	
Metribuzin 75WG plus Gramoxone Extra (1½ to 2½ pts./acre) tank mix application will control established weeds. Gramoxone controls weeds by contact activity.	
⅓ to ½ lb. of Metribuzin 75WG Per Acre	
Common Chickweed	
½ to 1 lb. of Metribuzin 75WG Per Acre	
Bluegrass	Henbit
Cheat	Japanese brome
Downy brome	Rescuegrass
Field pennycress	Shepherdspurse
Use Metribuzin 75WG at ⅔ to 1 lb./Acre for control of the following weeds:	
Blue Mustard	Prickly lettuce
Common lambsquarters	Redroot pigweed
Flixweed	Rough fleabane
Green foxtail	Ryegrass
Groundsel	Smooth brome
Jim Hill mustard	Sowthistle
Kochia	Tansy mustard
Little barley	White cockle
Marestail (Horseweed)	Wild oats
Meadow salsify	Wild buckwheat
Pepperweed	Yellow rocket

RECOMMENDED APPLICATIONS	
Dosage/Acre	**Directions/Remarks**
Metribuzin 75WG ⅓ to 1 lb. plus Gramoxone Extra	Apply specified dosages of Metribuzin 75WG and Gramoxone Extra 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 1-6 inches tall and are actively growing. Care should be taken

1½ to 2½ pt.	to avoid overlaps. Do not apply more than ⅜ lb. of Metribuzin 75WG per acre on loamy sand soils. Reduced weed control may occur when extended dry conditions follow application of Metribuzin 75WG. Crop injury may occur if alfalfa is under stress conditions such as diseases, insect infestations, drought or winter injury or if Metribuzin 75WG is applied to alfalfa earlier than 12 months after seeding.

FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES: Rates of ⅜ to 1 lb. of Metribuzin 75WG 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 75WG 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 Extra label for additional directions, weed species controlled and precautions.

POST DORMANT APPLICATION OF METRIBUZIN 75WG IMPREGNATED ON DRY FERTILIZER ONLY
Metribuzin 75WG may be applied after dormancy has broken, but prior to three inches of new alfalfa shoot growth, only when impregnated 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 1⅓ lb. per acre as directed on this label for application during dormancy. Apply only only when alfalfa foliage 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-(Arizona Only)

Non-dormant, Non-Winter Hardy Varieties
Metribuzin 75WG is recommended 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 pepperweed	Mouse barley
Lambsquarters	Nettleleaf
Little mallow (cheeseweed)	Shepherdspurse
Littleseed canarygrass	Silversheath knotweed
London rocket (mustard)	Spiny sowthistle
Prickly lettuce	

RECOMMENDED APPLICATIONS (Arizona only)	
CROP	**METRIBUZIN 75WG Lb./ACRE**
Alfalfa Non-dormant Non-winter Hardy varieties	½ to ⅔
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 2" 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 2" tall or before leaf rosettes are 2" wide. For maximum control, rainfall (¼" or more) or irrigation is necessary within 30 days of treatment, however, do not flood irrigate within 2 days after treatment. Use ½ lb. Metribuzin 75WG on sand soil when only mustard, goosefoot, lambsquarters, 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 insure 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 and/or when sensitive cool season crops such as cole crops, onions, peas, or strawberries are present in adjacent fields. Applications should not be made when weather conditions favor drift especially in areas where wheat is growing on coarse textured soils in adjacent fields or injury may occur.

ASPARAGUS (Established)

Metribuzin 75WG is recommended for use 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 75WG applied to established asparagus according to directions, will effectively control:	
Broadleaves Chickweed, Common (*Stellaria media*) Jimsonweed (*Datura stramonium*) Lambsquarters (*Chenopodium album*) Pigweed, Redroot (*Amaranthus retroflexus*)	Ragweed, common (*Ambrosia artemisiifolia*) Smartweed, Pennsylvania (*Polygonum pensylvanicum*) Sorrel, Red (*Rumex acetosella*) Velvetleaf (*Abutilon theophrasti*)
Grasses Crabgrass (*Digitaria spp.*) Foxtails (*Setaria spp.*)	Sandbur, Field (*Cenchrus pauciflorus*)

RECOMMENDED BROADCAST APPLICATIONS –(Asparagus)	
Directions/Remarks	**Metribuzin 75WG (Lb./Acre)**
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 75WG 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.	1⅓ to 2⅔
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, lambsquarters, redroot pigweed, and red 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.	⅔ to 1⅓ preemergence plus 1⅓ to 2 post harvest
IMPORTANT: The total amount of Metribuzin 75WG applied in one crop season may not exceed 2⅔ lb. per acre.	

SPECIAL PRECAUTIONS (Asparagus): Do not use on newly seeded asparagus or 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). As such the testing was done independently from the testing program of Makhteshim Agan of North America, Inc. Buyer is advised that Makhteshim Agan makes no assurances regarding satisfaction with the product and all risks of crop injury or product performance are assumed by the Buyer.

Apply Metribuzin 75WG herbicide with ground equipment as specified below under RECOMMENDED APPLICATIONS. For effective control of broadleaf weeds with postemergence applications, apply Metribuzin 75WG 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 75WG. Refer to the appropriate section of this label for additional information regarding spray equipment, dilution rates, mixing, sprayer cleanup, restrictions, 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 75WG applied to carrots according to directions will effectively control:	
Carpetweed (*Mullugo verticillata*)	Pigweed, Redroot (*Amaranthus retroflexus*)
Galinsoga (*Galinsogs parviflora*)	Pigweed, Smooth (*Amaranthus hybridus*)
Horseweed (*Conyza Canadensis*)	Pineappleweed (*Matricaria matricarioides*)
Lambsquarters, Common (*Chenopodium album*)	Prickly Lettuce (*Lactuce serriola*)
Mustard, Wild (*Sinapis arvensis*)	Shepherdspurse (*Capsella bursa-pastoris*)

RECOMMENDED APPLICATIONS-Carrots	
Directions/Remarks	**Metribuzin 75WG lb./Acre**
Apply specified dosage per acre as a broadcast spray over the tops of carrot plants. Application should be made after carrots have formed 5 to 6 true leaves but before weeds are 1 inch in height or diameter. If needed, a second application may be made after an interval of at least 3 weeks. Applications may be made up to 60 days of harvest.	1/3
IMPORTANT: The total amount of Metribuzin 75WG applied in one crop season must not exceed ⅔ lb. per acre.	

SPECIAL PRECAUTIONS:
Do not apply to carrots grown for seed.

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

Do not apply Metribuzin 75WG within 3 days of any other chemical unless specified on this label.

Do not apply on very hot days or excessive crop injury will result.

Do not apply until carrots have at least 5 to 6 true leaves. Earlier applications will result in excessive crop damage.

Crop injury or delayed maturity may result from applications of Metribuzin 75WG if carrots are growing under stress conditions such as periods of drought or cool, wet, and cloudy weather preceding application.

Following an application of Metribuzin 75WG, chlorosis (yellowing) and burning of the leaf tissue may occur.

For newly introduced varieties of carrots with unknown tolerance to Metribuzin 75WG, treat only a small area to determine if Metribuzin 75WG can be used without injury to the crop.

FIELD CORN

POSTEMERGENCE APPLICATION
Metribuzin 75WG is recommended for control of selected broadleaf weeds when applied as a tank mix combination with certain broadleaf herbicides presently registered and recommended for postemergence use in field corn. Herbicides which may be tank mixed with Metribuzin 75WG include:

2,4-D	Buctril + atrazine (Premix)	Resource
Atrazine	Clarity	Scorpion III
Banvel	Laddok S-12	Tough
Basagran	Marksman	
Buctril/Buctril Gel	Pursuit*	

* Use only on Pursuit resistant/tolerant corn hybrids (IMI-Corn)

APPLICATION: Metribuzin 75WG may be applied to field corn after crop emergence until just prior to tasseling. Broadcast applications may be made with ground or aerial equipment. For optimum weed control, apply treatments when weeds are small and actively growing, but before reaching the maximum heights listed in the WEEDS CONTROLLED table.

POSTEMERGENCE BROADCAST APPLICATION

Ground Application: Adjust nozzle height above crop and weed canopy to ensure uniform spray coverage. Gallonage should be increased with increasing weed size and population density.

For tank mixes of Metribuzin 75WG plus atrazine, Basagran, Laddok S-12, Buctril, Buctril + atrazine, Pursuit, Resource, Tough, or 2,4-D amine formulations, use flat fan nozzles spaced a maximum of 20 inches apart. Best results are achieved using a minimum spray volume of 10 gallons per acre and spray pressure from 20 to 40 psi.

For Metribuzin 75WG tank mixes with Banvel, Clarity, Marksman, or 2,4-D low volatile ester formulations, use drift-reducing nozzles which are specifically designed to produce coarse sprays and reduce the amount of driftable fines. Additional measures which will help avoid potential drift to sensitive crops and plants include using a minimum spray volume of 20 gallons per acre and keeping spray pressures at or below 20 psi unless otherwise specified by the nozzle manufacturer.

For further precautions and additional instructions and recommendations, consult the tank mix partner's label.

Aerial Application: Apply in a minimum spray volume of 3 gallons per acre. For optimum spray coverage and distribution, use a minimum of 5 gallons per acre and a maximum pressure of 40 psi. Use a boom and nozzle configuration which will provide a uniform deposition pattern and coverage with low drift potential. Avoid overlaps to prevent potential crop injury. Do not apply near sensitive crops or sensitive plants growing near the treated area. Do not apply when wind speed is greater than 10 mph or when winds are moving toward sensitive crops or plants. To avoid drift hazards, applicator must follow the most restrictive labeling of the products used in a tank mix. Refer to the appropriate tank mix partner's label for further precautions and recommendations.

POSTDIRECTED APPLICATION

Metribuzin 75WG in tank mix combinations with Banvel, 2,4-D, Buctril, or Scorpion III may be applied postdirected to field corn. Use drop nozzles and appropriate spacing to direct spray below the corn whorl and upper leaves. The top of the target weed canopy must be sufficiently below the whorl and upper leaves of the crop to permit this application and provide adequate spray coverage. The height differential required between the crop and weed canopy will depend on the specific equipment used. Apply before tassel emergence. For further precautions and additional recommendations, refer to the appropriate tank mix partner's label.

ADJUVANTS

The adjuvant types listed below may be utilized with certain Metribuzin 75WG tank mix combinations. Consult the tank mix recommendations section for the appropriate adjuvant and rate. Use of non-recommended adjuvants or rates may result in severe leaf burn, crop stunting, and/or stand reduction. Use only adjuvants which are exempt from tolerance requirements under 40 CFR 180.1001.

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

Ammonium sulfate (spray grade) may be used as 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 Metribuzin 75WG tank mixtures as severe leaf burn, crop stunting, and/or stand reduction may occur.

RAINFASTNESS

Metribuzin 75WG will not reduce rainfastness of the recommended 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 Metribuzin 75WG label for specific instructions on cleaning spray equipment. Special attention should be given to the required cleanup procedures for 2,4-D, Banvel, Clarity, and Marksman.

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. metribuzin (5⅓ ounces Metribuzin 75WG) 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 cool, wet, and cloudy weather or widely fluctuating day and nighttime temperatures, may result in temporary leaf burn, 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 Metribuzin 75WG 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 Metribuzin 75WG tank mixtures listed below can be utilized for control of certain annual broadleaf weeds.

METRIBUZIN 75WG POSTEMERGENCE BROADCAST RECOMMENDATIONS		
PRODUCT	**RATE**	**DIRECTIONS AND REMARKS***
Metribuzin 75WG + 2,4-D Amine **or** 2,4-D LVE	2 oz./A + ½ to 1 pt./A[1] **or** ⅓ to ½ pt./A[1]	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 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.
Metribuzin 75WG + Atrazine	2 oz./A + ½ to 1½ lb. ai/A	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. Atrazine is a restricted use herbicide. Follow all state and federal label recommendations and restrictions pertaining to atrazine applications.
Metribuzin 75WG + Banvel **or** Clarity	2 oz./A + ½ to 1 pt./A **or** ½ to 1 pt./A	Apply as a broadcast spray during the interval from corn emergence through the five-leaf stage or when corn is 8 inches tall, whichever occurs firsts. For Banvel applications to corn greater than 8 inches in height, consult the Banvel 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 Banvel or 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.
Metribuzin 75WG + Basagran	2 oz./A + 1 pt./A	Apply as a broadcast spray after corn emergence but before corn exceeds 30 inches in height and the crop canopy closes the row. Adjuvants such as UAN (0.5 to 1 gal./A), ammonium sulfate (17 lbs./100 gal of spray solution), or non-ionic surfactant (1 qt./100 gal of spray solution) may improve weed control.
Metribuzin 75WG + Buctril **or** Buctril Gel	1.6 to 2 oz./A + 1 pt./A **or** ½ pt./A	Apply as a broadcast spray when corn is in the fourth true leaf stage or later but before the crop canopy closes the row. **DO NOT USE ADJUVANTS.** Occasional temporary corn 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.
Metribuzin 75WG + Buctril + atrazine (Premix)	1.6 to 2 oz./A + 1½ to 2 pt./A	Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. **DO NOT USE ADJUVANTS.** Occasional temporary corn 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.
Metribuzin 75WG + Laddok S-12	2 oz./A + 1.33 to 1.66 pt./A	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. Laddok S-12 contains atrazine and is a restricted use product. Follow all state and federal label recommendations and restrictions pertaining to atrazine.
Metribuzin 75WG + Marksman	2 oz./A + 1½ to 2 pt./A	Apply as a broadcast spray during the interval from corn emergence through the five-leaf stage or when corn is 8 inches tall, whichever occurs first. **DO NOT USE ADJUVANTS.** 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. Marksman contains atrazine and is a restricted use product. Follow all state and federal label recommendations and restrictions pertaining to atrazine.
Metribuzin 75WG + Pursuit	2 oz./A + 2 to 4 oz./A	Use only on designated IMI-Corn hybrids (hybrids which are resistant/tolerant to Pursuit). Apply the 4-ounce rate of Pursuit if grasses are present or broadleaf weeds are near the maximum heights shown. Apply in combination with a non-ionic surfactant (1 qt./100 gal of spray solution) and UAN (1 to 2 qt./A).
Metribuzin 75WG +	3 fl. oz./A +	Apply as a broadcast spray to field corn from 2-leaf through 10-leaf (visible leaf collars) stage. Adjuvants such as nonionic surfactant (0.25% v/v), UAN (2% v/v) or

Resource	4 to 6 fl. oz./A	ammonium sulfate (2.5 lbs./A) may increase weed control.
Metribuzin 75WG + Tough	2 oz./A + 1 to 2 pt./A	Apply as a broadcast spray after corn emergence but before corn height exceeds 30 inches and the crop canopy closes the row. A non-ionic surfactant (1 qt./100 gal of spray solution) may be added to improve weed control. Use the higher rates of Tough as weeds approach to maximum height listed or are found in high density. Tough may improve control on triazine/ALS resistant weeds.

* Consult the appropriate tank mix partner's label for additional recommendations or restrictions. The most restrictive labeling applies to tank mixes with Metribuzin 75WG.

[1] Application rate is based on, but not restricted to 4 pounds active ingredient per gallon of 2,4-D.

WEEDS CONTROLLED-POSTEMERGENCE BROADCAST APPLICATION

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

Commonweed Name	METRIBUZIN 75WG +									
	Atrazine	Banvel/ Clarity	Basagran	Buctril/ Buctril + atrazine	2,4-D	Marksman	Pursuit	Laddok S-112	Resource	Tough
	MAXIMUM WEED HEIGHT IN INCHES*									
Amaranth, Palmer	4[a]	4	2[a]	4[a]	4	4	8[b]	6	4	4
Buckwheat, wild	3	3	3	3	2	3	2	3	4	
Buffalobur	4	4		4		4	1			
Burcucumber		4		4	2	4				4
Carpetweed	2	2	2	2	2	2		2	3	4
Cocklebur, common	8	8	8	8	8	8	8[b]	8	3	6
Eclipta	3	3	3	3	3	3		3		3
Henbit	3	3	2	2	2	4	3	3		4
Horseweed/marestail	3	4	1	1	3	6		2	3	
Jimsonweed	5	5	6	5	5	5	5	6	3	5
Knotweed	6	6	6	4	2	6	4	6		4
Kochia	2[a]	2	1[a]	2[a]	2[a]	2	2	2[a]		4
Ladysthumb	6	6	6	6	4	6	4	6	4	6
Lambsquarters, common	6[a]	6	1	6	6	6	4	5	4	4
Lettuce, prickly	4	4		3	4	5		3		
Mallow, Venice	2	2	2	2	2	2	2	4		
Morningglory, entire leaf	3	3	1	3	3	3	2	2		
Morningglory, ivyleaf	3	3	1	3	3	3	2	2		
Morningglory, pitted	3	3	1	3	3	3	2	2		
Morningglory, tall	3	3	1	3	3	3	2	2		
Mustard, tansy	4	4	4	4	4	4	4	4		
Mustard, wild	4	4	4	4	4	4	4	4		4
Nightshade, black	6	6		6	1	6	3	1		4
Nightshade, eastern black	6	6		6	1	6	3	1		4
Pigweed, redroot	6[a]	6	2[a]	6[a]	6	6	8[b]	6[a]	4	6
Pigweed, smooth	6[a]	6	2[a]	6[a]	6	6	8[b]	6[a]	4	6
Poorjoe	3	3	3	3	3	3	3	3		
Purslane, common	1	3			*	4	1			3
Pusley, Florida	3	3	3	3	3	3		3	3	
Ragweed, common	5	5	3	5	5	6	3	4	3	
Ragweed, giant	4	5	2	4	3	6	4	4		
Sicklepod	3	3	3	3	3	3	3	3		2
Sida, prickly	1	1	3	1	1	2	1	2	2	1
Smartweed, Pennsylvania	6	6	6	6	4	6	4	6	4	
Sunflower, common	6	6	6	6	6	6	5	6		5
Thistle, Russian	1	3		3	1	3	1	1		3
Velvetleaf	6[a]	6	6	6	4	6	5	6	6	
Waterhemp, spp.	5[a]	5	2[a]	5[a]	5	5	4[b]	2[a]	4	5

* When weeds are approaching the maximum height listed or found in high densities, use the higher rate of Metribuzin 75WG and the selected tank mix partners.
[a] These treatments will not control triazine-resistant biotypes.
[b] These treatments will not control ALS-resistant biotypes.

METRIBUZIN 75WG POSTDIRECTED RECOMMENDATIONS

PRODUCT	RATE	DIRECTIONS AND REMARKS*
Metribuzin 75WG + 2,4-D Amine or 2,4-D LVE	2 to 3 oz./A + ¾ to 1½ pt./A[1] or ½ to ¾ pt./A[1]	For corn greater than 8-inches tall, apply as a directed spray with drop nozzles before tassel emergence. Apply only to varieties known to be tolerant to 2,4-D. **DO NOT USE ADJUVANTS.** 2,4-D 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.
Metribuzin 75WG + Banvel	2 to 3 oz./A + ½ pt./A	For corn 8- to 36-inches tall, apply as a directed spray with drop nozzles. Application may be made up to 15 days prior to corn tasseling. 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 Banvel at 0.5 pt./acre, 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 avid stalk breakage.
Metribuzin 75WG + Buctril or Buctril Gel	2 to 3 oz./A + 1 to 1½ pt./A or ½ to ¾ pt./A	Apply as a directed spray with drop nozzles before tassel emergence. **DO NOT USE ADJUVANTS.** Occasional temporary corn 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.
Metribuzin 75WG + Scorpion III	3 to 4½ fl. oz./A + 4 oz./A	For corn 8 to 24 inches tall, apply as a directed spray with drop nozzles. Include nonionic surfactant (1 qt./100 gal) plus UAN (2.5 gal./100gal) for optimum weed control.

* Consult the appropriate tank mix partner's label for additional recommendations or restrictions. The most restrictive labeling applies to tank mixes with Metribuzin 75WG.

[1] Application rate is based on but not restricted to 4 pounds active ingredient per gallon of 2,4-D.

WEEDS CONTROLLED-POSTDIRECTED APPLICATION

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

	METRIBUZIN 75WG +			
	2,4-D	Banvel	Buctril	Scorpion III
COMMONWEED NAME	MAXIMUM WEED HEIGHT IN INCHES*			
Amaranth, Palmer	12	12	6	8
Cocklebur, common	12	12	12	15
Jimsonweed	12	10	10	8
Ladysthumb	6	8	6	6
Lambsquarters, common	12	12	10	12
Morningglory, entire leaf	18	18	6	12
Morningglory, ivyleaf	18	18	6	12
Morningglory, pitted	18	18	6	12
Morningglory, tall	18	18	6	12
Nightshade, black	10	8	8	6
Nightshade, eastern black	10	8	8	6
Pigweed, redroot	12	12	6	8
Pigweed, smooth	12	12	6	8
Ragweed, common	8	8	8	10
Ragweed, giant	12	12	8	15
Smartweed, Pennsylvania	6	8	6	6
Sunflower, common	12	12	12	12
Velvetleaf	10	8	8	8
Waterhemp tall, spp.	12	12	6	8

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

PERENNIAL WEED SUPPRESSION

The following Metribuzin 75WG tank mixtures 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 75WG, Banvel, Buctril, Buctril + atrazine, Clarity, Marksman, 2,4-D LVE, or Pursuit recommended for these tank mixtures.

Metribuzin 75WG + Banvel or Clarity
Bindweed, field; Dandelion, common; Dock, curly; Smartweed, swamp; Thistle, Canada.

Metribuzin 75WG + Buctril or Buctril + atrazine
Thistle, Canada

Metribuzin 75WG + 2,4-D LVE
Bindweed, field; Dandelion, common; Dock, curly; Smartweed, swamp; Thistle, Canada.

Metribuzin 75WG + Marksman
Bindweed, field; Dandelion, common; Dock, curly; Smartweed, swamp; Thistle, Canada.

Metribuzin 75WG + Pursuit
Thistle, Canada

PREPLANT AND PREEMERGENCE
Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, Ohio, South Dakota, and Wisconsin
Metribuzin 75WG is recommended 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 recommended for use in field corn. Metribuzin 75WG can be tank mixed with recommended rates of the following herbicides:

Alachlor	Dual	Prowl
Atrazine	Dual II	Pursuit Plus*
Banvel	Frontier	Pursuit*
Bicep	Guardsman	Ramrod
Bicep II	Harness Extra	Ramrod/atrazine
Bicep Lite	Lariat	Simazine
Bladex	Linex	Surpass
Broadstrike + Dual	Linuron	Surpass 100
Broadstrike Plus	Lorox	Topnotch
Bullet	Marksman	
Clarity	Pentagon	

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

APPLICATION: Metribuzin 75WG 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 5⅓ ounces Metribuzin 75WG (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 1½ inches deep.
4. Metribuzin 75WG may only be used in hybrid seed corn production fields if both inbred parents are known to be tolerant to Metribuzin 75WG.
5. Not recommended for 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 75WG 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 75WG 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	Pigweed spp.	Sunflower
Ladysthumb	Ragweed, common	Velvetleaf
Lambsquarters, common	Smartweed, Pennsylvania	Waterhemp, Tall

* For control of emerged weeds refer to the BURNDOWN WEED CONTROL section of the Metribuzin 75WG label.

METRIBUZIN 75WG FIELD CORN RATE RECOMMENDATIONS			
States		**Application Timing**	**Metribuzin 75WG Oz./A**
Iowa Kansas Missouri	Nebraska South Dakota	Preplant (0 to 30 days) Preemergence	2 to 5⅓
Illinois Indiana Kentucky Michigan	Minnesota Ohio Wisconsin	Preplant (10 to 30 days)	2 to 5⅓
		Preplant (0 to 9 days) Preemergence	2 to 4
REMARKS: Apply as a broadcast spray prior to corn emergence from the soil. Do not apply Metribuzin 75WG on coarse textured soils with less than 1.5% organic matter. Do not apply more than 4 oz. Metribuzin 75WG 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 75WG.			
Consult the label of herbicide tank mix partners to determine proper use rates for the other product(s).			

SWEET CORN

PREPLANT AND PREEMERGENCE APPLICATIONS

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

Metribuzin 75WG is recommended for additional residual weed control of certain broadleaf weed species, when applied in combination with other broadleaf and/or grass herbicides as a tank mixture. All products used must be labeled for use on sweetcorn. The most restrictive restrictions and precautions of all the products used must be observed. Use only labeled rates and methods of applications.

Tank Mixtures: Metribuzin 75WG can be tank mixed with the products containing one or more of the following herbicides: 2,4-D, alachlor, atrazine, glyphosate, linuron, metolachlor, metribuzin, paraquat, and pendimethalin.

Weeds Controlled: Refer to the PREPLANT AND PREEMERGENCE APPLICATION- FIELD CORN section of this label for a list of weeds controlled by Metribuzin 75WG when applied before weed emergence. Use recommended adjuvants when emerged weeds are present. Refer to the BURNDOWN WEED CONTROL- FIELD CORN section for a list of weeds controlled and weed height restrictions.

Sequential Applications: Sequential applications of all herbicides containing metribuzin (the active ingredient in Metribuzin 75WG) are subject to a limitation of not more than 0.25 pounds a.i. of metribuzin (5⅓ ounces of Metribuzin 75WG) per acre of corn per use season. There are no other specific restrictions on sequential applications due to the application of Metribuzin 75WG.

SPECIAL PRECAUTIONS:

1. Do not apply more than a total of 5⅓ ounces Metribuzin 75WG (0.25 pounds metribuzin) per acre per growing season.
2. Do not apply preplant or preemergence on soils having a pH of 7.0 or greater.
3. Corn seed should be planted a minimum of 1½ inches deep.
4. Metribuzin 75WG may only be used in hybrid seed production fields, if both inbred parents are known to be tolerant to Metribuzin 75WG.
5. Reduced residual weed control may result when used on organic soils. For this reason, residual weed control is not claimed on organic soils.
6. Observe all precautions and limitations on labeling of all products used in tank mixtures.

Feeding Restrictions: Grain, forage, and processing waste may be fed to livestock if harvested at least 60 days after the last application of Metribuzin 75WG.

Sensitive Sweetcorn Hybrids: Make applications only to hybrids that have established tolerance to the application planned.

Application Methods and Timing: Metribuzin 75WG can be applied preplant surface or preemergence as a broadcast or band application in water, fluid fertilizer, or impregnated on dry fertilizer. Ground or aerial equipment may be used. See DIRECTION FOR USE section of this label for directions.

Application Rate Recommendations: Refer to the DIRECTIONS FOR USE section of this label for definitions of SOIL TEXTURE GROUP and other information that applies to all applications. Use the lowest rate of the recommended rate range on soils with the lowest percent clay and organic matter for the group and progressively

higher rate for increased clay and organic matter content. The clay content is at least twice as important as organic matter when adjusting rates. Rates will vary based on local conditions.

SOIL TEXTURE GROUP	SOIL ORGANIC MATTER CONTENT	
	1.6 to 2.9%	3.0% or More
All Sand Soils	DO NOT USE	
Coarse	1.6 to 2.4 oz./A	2.5 to 2.8 oz./A
Medium	3 to 3.3 oz./A	3.2 to 3.7 oz./A
Fine	3.6 to 4.0 oz./A	3.6 to 4.4 oz./A

For early preplant application more than 9 days before planting and fields with at least 30% crop residue on the soil surface at application, the application rate may be increased 1 oz./A, but not to exceed 5⅓ oz./A.

For band applications use proportionally less per planted acre.

See DIRECTIONS FOR USE section of this label.

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 IR-4 (government minor crops use program). As such the testing was done independently from the testing program of Makhteshim Agan of North America, Inc. Buyer is advised that Makhteshim Agan makes no assurances regarding satisfaction with the product and that all risks of crop injury or product performance are assumed by the Buyer.

Metribuzin 75WG herbicide is recommended as a preemergence application for the suppression of certain broadleaf weeds in garbanzo beans.

WEEDS SUPPRESSED*	
Common Chickweed	Henbit
Common Lambsquarters	Pigweed
Dog Fennel (Mayweed)	Shepherdspurse
Field Pennycress	Wild Mustard

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

RECOMMENDED APPLICATIONS	
CROP	Metribuzin 75WG Lb./Acre
Garbanzo beans	⅓ to ½
	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 75WG into the top 1 to 2 inches of soil with spike harrows 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, disease, or insect damage.

Crop injury may result if application is followed by heavy rain. Avoid application of more than ½ inch of irrigation within one month after application of Metribuzin 75WG or crop injury may occur.

Do not use on clay knobs of poorly covered subsoils.

Do not apply preemergence on shallow seedings 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 75WG, determine crop tolerance prior to adoption as a field scale practice to prevent possible injury.

LENTILS AND PEAS

Idaho, Oregon, Washington, Montana, and North Dakota

Metribuzin 75WG herbicide is recommended as a preemergence and postemergence application for the suppression of certain broadleaf weeds in lentils and peas.

WEEDS SUPPRESSED*	
Common Chickweed**	Henbit**
Lambsquarters	Corn Spurry
Dog Fennel	Redroot Pigweed
Shepherdspurse**	Pennsylvania Smartweed
Field Pennycress	Pineapple Weed
Wild Mustard	Prostrate Knotweed
*Suppression is a reduction in weed size and growth compared to a non-treated area in the same field. Metribuzin 75WG used alone will not control triazine-resistant weed species.	
** Preemergence application only.	

PREEMERGENCE APPLICATION: Make a single preemergence application of Metribuzin 75WG at ¼ to ½ lb. per acre per crop year. Apply in 10 or more gallons of water per acre with ground spray equipment or 5 or more gallons of water per acre with aerial spray equipment. Apply Metribuzin 75WG before or after planting. Thorough incorporation either by rainfall or by mechanical means is essential for weed suppression. Under dry conditions, incorporate Metribuzin 75WG into the top 1 to 2 inches of soil with spike harrows 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 75WG may be applied pre- or post-plant incorporated as a tank mix combination with Fargo 4 EC. Follow the DIRECTIONS FOR USE statements on both product labels.

POSTEMERGENCE APPLICATION: One postemergence application may be made per season. Use 1/8 to ⅓ lb. of Metribuzin 75WG per acre on lentils and spring peas. On winter peas, use ¼ to ⅓ lb. of Metribuzin 75WG per acre. For suppression of dog fennel, use ⅓ lb. Metribuzin 75WG per acre. Apply specified dosage in 20 or more gallons of water per acre with ground spray equipment of 5 or more gallons of water per acre with aerial 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.

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 of post plant incorporated Metribuzin 75WG application.

Do not apply over very moist soils or wet crop foliage. Do not apply postemergence application 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 ⅔ lb. Metribuzin 75WG 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 ESTIN lentils.

Do not use on clay knobs 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.

Do not rotate any crop not listed on this label for 18 months following application of Metribuzin 75WG. Refer to Crop Rotation Restrictions section of this label for more information.

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 will occur.

NOTE: This treatment may cause some chlorosis or minor necrosis. Because lentil and pea varieties may vary in their susceptibility to Metribuzin 75WG 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.

SUGARCANE-Hawaii Only

Metribuzin 75WG, 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 75WG should be mixed by filling the spray tank half full of clean water. Then add the recommended amount of Metribuzin 75WG to suit the total tank capacity and the rate of application per acre (preferably 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 75WG is recommended for use 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 75WG in 5 to 10 gallons of spray mixture per acre.

For aerial and chemigation application methods on sugarcane the maximum application rate is 2⅔ lb. Metribuzin 75WG/acre.

To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply this product by aircraft at a minimum upwind distance of 400 ft from sensitive plants.

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

WEEDS CONTROLLED IN IRRIGATED AND NON-IRRIGATED SUGARCANE	
Broadleaves	**Grasses**
Amaranth, spiny (*Amaranthus spinosus*)	Crabgrass (*Digitaria spp.*)
Euphorbia, wild (*Euphorbia spp.*)	Guineagrass (*Panicum maximum*)
Fireweed (*Erechtites hieracifolius*)	Plushgrass (*Chloris radiata*)
Floras paintbrush (*Emilis sonochifolia*)	Ricegrass (*Oryzopsis humenoides*)
Spurge, Garden (*Euphorbia hirta*)	Wiregrass (*Eleusine indica*)
Spurge, Graceful (*Euphorbia glomerifera*)	
WEEDS CONTROLLED IN IRRIGATED SUGARCANE ONLY	
Broadleaves	**Grasses**
Amaranth, Spleen (*Amaranthus dubius*)	Alexandergrass (*Brachiaria plantaginea*)
Haole Koa (*Leucaena leucocephata*)	Bristly foxtail (*Setaria verticillata*)
Hialoa (*Waltheris Americana*)	
Hilahila (*Mimosa pudica*)	
Purslane, common (*Portulaca oleracea*)	
Rattlepod (*Crotalaria spectabilis*)	
WEEDS CONTROLLED IN NON-IRRIGATED SUGARCANE ONLY	
Broadleaves	
Ageratum (*Ageratum conyzoides*)	
Richardia (*Richardia brasiliensis*)	
Tarweed (*Cuphea carthagenesis*)	

SUGARCANE (HAWAII ONLY) RECOMMENDED BROADCAST APPLICATIONS	
METRIBUZIN 75WG (Lb./Acre)	**REMARKS**
2⅔ to 5⅓ (Non-irrigated)	**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

5⅓ to 8 (Irrigated)	after emergence (spike stage). **OR** **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.
2⅔ to 5⅓	**OR** **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.
3⅓ to 6⅔	**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 10⅔ lb. of Metribuzin 75WG (8 lb. active ingredient) per acre per crop cycle regardless of the method of application. The last application may be made up to 17 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 75WG with aerial or ground spray equipment are recommended for control of the following weeds in sugarcane in Louisiana and Texas:

Broadleaves	**Grasses**
Amaranth, spiny (*Amaranthus spinosus*)	Broadleaf Signalgrass (*Brachiaria platyphylla*)
Bindweed, Field (*Convolvulus arvensis*)	Crabgrass (*Digitaria spp.*)
Chickweed (*Cerastium vulgatum*)	Foxtails (*Setaria spp.*)
Henbit (*Lamium amplexicaule*)	Johnsongrass, Seedling (*Sorghum halepense*)
Lambsquarters (*Chenopodium album*)	Oats, Winter (*Avena spp.*)
London rocket (Sisymbrium irio)	
Marestail (*Conyza Canadensis*)	
Mustard, Wild (*Brassica kaber*)	
Pigweeds (*Amaranthus spp.*)	
Purslane (*Portulaca oleracea*)	
Sowthistle (*Sonchus spp.*)	

SUGARCANE-RECOMMENDED APPLICATIONS-Louisiana and Texas Only	
Metribuzin 75WG (Lb./Acre)	**Remarks**
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 a 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 lay-by. Do not apply within 60 days of harvest.

SUGARCANE-Florida Only

Postemergence over-the-top or directed spray applications of Metribuzin 75WG are recommended for the control of the following weeds in sugarcane in Florida.

Broadleaves	**Grasses**
Amaranth, spiny (seedling) (*Amaranthus spinosus*)	*Crabgrass, large (*Digitaris sanguinalis*)
Butlerweed (Cressleaf groundsel)(*Senecio glabellus*)	Foxtail, bristlegrass (*Setaria magna*)
Cudweed (*Gnaphalium spp.*)	Goosegrass (*Eleusine indica*)
Purslane (*Portulaca oleracea*)	Panicum, broadleaf (*Panicum adspersum*)
	Signalgrass, broadleaf (*Brachiaria platyphylla*)

RECOMMENDED APPLICATIONS	
Metribuzin 75WG (Lb./Acre)	**Remarks**
1⅓ to 2⅔	**Ground Application:** Metribuzin 75WG 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.
1⅓ 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 75WG PLUS Atrazine TANK MIX: Metribuzin 75WG may be used with atrazine as a preemergence or postemergence (before row closing) application to sugarcane. Rates for Metribuzin 75WG are 1 to 2⅔ lb./acre and atrazine 80% WP (4L) are 2½ to 5 lb./acre (2 to 4 qt./acre). For additional information on precautions, instructions, limitations, application, and weeds controlled, refer to this label and the atrazine label.

SPECIAL PRECAUTIONS (Florida Only): Do not use more than 2 ⅔ lb. per acre in a single growing season. Do not use on sand soils.

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.

TOMATOES

Apply Metribuzin 75WG herbicide with ground equipment to seeded and transplanted tomatoes as specified below under RECOMMENDED APPLICATIONS.

Aerial application is prohibited.

For effective control of grasses and broadleaf weeds with postemergence applications, apply Metribuzin 75WG 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 75WG. Refer to the appropriate section of the 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 **Broadcast Sprays-⅓ to ⅔ lb. Metribuzin 75WG/Acre**	
Broadleaves Galinsoga (*Galinsoga spp.*) Lambsquarters (*Chenopodium album*) *Pigweed, Redroot (*Amaranthus retroflexus*) *Purslane, Common (*Portulaca oleracea*)	**Grasses** *Goosegrass (*Eleusine indica*)
(Continued) Preplant incorporated applications applied as directed will suppress foxtails, panicums, and barnyardgrass. **Metribuzin 75WG/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 highest rate recommended 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.	

WEEDS CONTROLLED	
POSTEMERGENCE APPLICATIONS- ESTABLISHED TOMATOES	
For effective control of weeds with postemergence applications, apply Metribuzin 75WG before weeds are 1-inch tall.	
Broadcast Sprays- ⅓ to ⅔ lb. Metribuzin 75WG/Acre	**Directed Sprays- ⅔ to 1⅓ lb. Metribuzin**

	75WG/Acre
Broadleaves Carpetweed (*Mollugo verticillata*) Fumitory (*Fumaria officinalis*) Galinsoga (*Galinsoga spp.*) *Jimsonweed (*Datura stramonium*) *Ladysthumb (*Polyganum persicaria*) Lambsquarters (*Chenopodium album*) Mustard, Wild (*Brasica kaber*) Pigweeds (*Amaranthus spp.*) Purslane (*Portulaca oleracea*) *Ragweed, common (*Ambrosia artemisiifolia*) *Smartweed, Pennsylvania (*Polygonum pensylvanicum*) Toadflax (*Linaria spp.*) *Velvetleaf (*Abutilon theophrasti*)	**Grasses** *Foxtail, Yellow (*Setaria glauca*) Goosegrass (*Eleusine indica*) **Plus Weeds Listed Under Broadcast Sprays**
*For optimum control of these weeds, use the highest rate recommended 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.	

RECOMMENDED BROADCAST APPLICATIONS FOR TOMATOES	
Metribuzin 75WG *Lb./Acre	**Remarks**
⅓ to ⅔	**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.
⅓ to ⅔	**Postemergence Broadcast Spray-Established Tomatoes:** Apply specified dosage in 20 or more gallons of water per acre as a broadcast spray or apply in ¼ to ¾ inch of water (use ¼ to ½ inch of water on sandy 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.)
⅔ to 1⅓	**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 is recommended 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, see the appropriate section in the front of this label.
*Use the higher rate in fields with a history of severe weed pressure and for maximum residual weed control.	

SPECIAL PRECAUTIONS (Tomatoes): Do not apply more than a total of 1⅓ lb. Metribuzin 75WG per crop season. Do not apply the total amount of 1⅓ lb. Metribuzin 75WG 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 75WG. 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.

For newly introduced tomato varieties with unknown tolerance to Metribuzin 75WG, treat only a small area to determine if Metribuzin 75WG can be used without injury to the crop.

DO NOT USE METRIBUZIN 75WG ON TOMATOES IN KERN COUNTY, CALIFORNIA.

CEREALS-Spring and Winter Barley and Winter Wheat

Metribuzin 75WG herbicide is recommended for control or suppression of certain grasses and broadleaf weeds when applied postemergence to spring and winter barley or winter wheat. Metribuzin 75WG alone and several tank mixture 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 75WG may be applied by aerial or ground application equipment. Use a minimum spray volume of 2 GPA by air and 10 GPA by ground. Uniform spray coverage is necessary to obtain optimum weed control and to minimize potential for crop injury. Do not exceed rate specified on this label. Do not apply Metribuzin 75WG through any type of irrigation equipment. Apply Metribuzin 75WG when the crop is healthy and actively growing. Metribuzin 75WG 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 10.66 ounces Metribuzin 75WG (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 ½ inch) is required within 2 to 3 weeks after application to move Metribuzin 75WG 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 75WG may be tank mixed with Ally, Amber, Finesse, Glean FC, Harmony Extra, 2,4-D, MCPA, Igran, Banvel/Banvel SGF, Bronate, or Buctril herbicides. A nonionic surfactant containing at least 80% active ingredient may be used in Metribuzin 75WG tank mixes with sulfonylurea herbicides (Ally, Amber, Finesse, Glean FC, Harmony Extra). Do not use a crop oil concentrate or any adjuvant containing vegetable or petroleum oils with any Metribuzin 75WG mix as crop injury may result. Additional pesticides may also be tank mixed with Metribuzin 75WG unless specifically prohibited on the mix products' 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 controlled. Observe all precautions and limitations on labeling of all products used in mixtures.

Feeding Restrictions: Do not graze wheat within 14 days of Metribuzin 75WG 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 75WG is applied:

1. When the crop is under stress such as winterkill, 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 seeds have been planted less than 1 inch deep.
6. To a non-winter hardy wheat or barley variety.
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 75WG: If planting a sensitive cereal variety (listed under the wheat and barley variety tolerance portion of this label), following potatoes treated with Metribuzin 75WG or metribuzin containing products, refer to the potato section of the Metribuzin 75WG label for special cultural practices to follow.

APPLICATION RECOMMENDATIONS

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

RECOMMENDED POSTEMERGENCE BROADCAST APPLICATIONS OF METRIBUZIN 75WG

CROP GROWTH STAGE	SOIL TEXTURE	METRIBUZIN 75WG RATE (oz./A) % ORGANIC MATTER	
		0.75 TO 2.0	OVER 2.0
2 Leaf	**Coarse**	1 to 2	1 to 3
	Medium	1 to 3	2 to 3
To	**Fine**	2 to 3	2 to 4
2 Tiller	Use these rates on crops with secondary roots smaller than 1 inch. For dryland winter wheat (nonirrigated), apply the highest recommended rate to achieve maximum weed suppression/control.		
3 Tiller	**Coarse**	3 to 4	4 to 5
	Medium	4 to 5	5 to 6
To	**Fine**	5 to 6	5 to 6
4 Tiller	Do not apply within 2 weeks after grazing or breaking of winter dormancy. Apply after the crop is at or beyond the 3-tiller growth stage but before jointing. Secondary roots should be developed and larger than 1-inch long. Do not apply before 75 days after planting. For dryland winter wheat (nonirrigated), apply the highest recommended rate to achieve maximum weed suppression/control. GEORGIA ONLY: Wheat must be planted before November 15 in the Piedmont area and Northern part of the state and before December 1 in the Coastal Plain area.		
Over	**Coarse**	4 to 6	5 to 8
	Medium	4 to 8	5 to 8
4 Tillers	**Fine**	5 to 8	8 to 10-2/3
	Do not apply within 2 weeks after grazing or breaking of winter dormancy. Apply after the crop is at or beyond the 3-tiller growth stage but before jointing. Secondary roots should be developed and larger than 1-inch long. Do not apply before 75 days after planting. For dryland winter wheat (nonirrigated), apply the highest recommended rate to achieve maximum weed suppression/control. GEORGIA ONLY: Wheat must be planted before November 15 in the Piedmont area and Northern part of the state and before December 1 in the Coastal Plain area.		

WHEAT AND BARLEY VARIETAL TOLERANCE*

Wheat and barley varieties vary in their tolerance to Metribuzin 75WG. Varieties below are **tolerant** to and are **recommended** for use with Metribuzin 75WG:

Winter Wheat: Abe, AgriPro Mason, AgriPro Shiloh, Arthur, AS 7846, AS 7853, Baker Seed 32, Barbie VI, Basin, Batum, Bayles, Becker, Bintee V, Buchshot DS 2368, Caldwell, Cardinal, Cashup, Centurk, Cherokee, Cheyenne, Clark, Coker 747, Coker 762, Coker 797, Coker 68-15, Coker 9134, Coker 9543, Coker 9904, Coker 9907, Daws, DB 533W, DB 562W, DB 580W, Delta King 502, Delta King 9027, Dixie 952, Doublecrop, Dusty, Dyna-gro 426, Dynasty, Excel, Faro, FFR 525W, Florida 302, FS 432, FS 433, FS 435, Gains, Garst 64, Georgia 100, Genie V, Hatton, Hawk, Hill 81, Howell, Hunter, Hyak, Hyslop, Katie VI, KY 16-2, Larned, Lewis 833, Lewjain, Lisa, Longhorn, Luke, Madsen, Magnum, Malcom, McDermid, McNair 1003, McNair 1813, Molly, Moro, Neely, Nelson,

Newton, Norstar, Norwin, Nugaines, Oasis, Omega 78, Paha, Peck, Pike, PI 2157, PI 2180, PI 2510, PI 2545, PI 2548, PI 2550, PI 2552, PI 2555, PI 2566, PI 2571, PI 2580, PI 2684, Quantum 577, Redwin, Rocky, Saluda, Sawyer, SC 104, Siouxland, Sprague, Southern Belle, Stacy, Stallion, Stephens, TAM W101, TAM 105, TE 877, TE 2548, TE SR204, Timber, Tomahawk, TR 8555, TR 8557, TR 8768, Traveler, Tres, Tyee, Tyler, Verne, Victory, Wakefield, Wanser, Weston, Winalta, Wrangler.

Barley: Advance, Boyer, Clark, Compana, Hannchen, Hector, Hesk, Hudson, Lud, Luther, Kamiak, Klages, Olympic, Piroline, Steptoe, and Triumph.

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

Winter Wheat: AgriPro Clemens, AT 90W, AT 91W, Arapaho, Baker Seed 33, Century, Cimarron, Coker 833, Coker 916, Coker 983, Coker 9024, Coker 9105, Coker 9323, Coker 9474, Coker 9663, Coker 9835, Coker 9766, Coker 9877, EK 102, EK 114, FFR 555, Florida 304, Freedom, FS 417, FS 423, FS 425, FS 430, Gore, Hazen, Hickory, Jackson, Julie III, KY 49-25, Linden, Madison, Mesa, Mustang, Pacer, PI XW 522, PI 2551, PI 2163, Pioneer 2691, Princeton 733, PSR W 71, PSR 226, PSR 278, Rosen, Savannah, Sierra, TAM 107, TR 101, TR 1011, TR 8822, Triumph 64, Vona, Wings, Winridge, Yamhill.

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

Barley: Glenn, Morex, Moravian 3, Larker, Summit, Bracken, Anheuser Busch B2601, and varieties with Morex parentage.

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

***Abbreviated names of venders:** AS (Agseco), AT (Agratech), DB (Diener Bros.), FS (Growmark FS), PI (Pioneer), PSR (Hybritech), SC (J.M. Schultz), TE (Terra), and TR (Terral).

WEEDS CONTROLLED

Used at recommended rates, Metribuzin 75WG will control many annual broadleaf weeds. Control is best when applied to young, actively growing weeds. Weeds controlled by Metribuzin 75WG include:

Bittercress	Knotweed, Prostrate
Catchfly, Conical (Sand)	Lambsquarter, Common
Catchweed (Madwort)	Lettuce, Miners
Chickweed, Common	Mustard, Blue Mustard, Wild
Chickweed, Mousear	Pennycress, Field
Corncockle Dogfennel (Mayweed)	Pepperweed, Virgina
Evening Primrose, Cutleaf	Pigweed, spp.
Falseflax, Smallseed	Pinappleweed Polemonium, Annual (Jacob's Ladder)
Fiddleneck, Tarweed	Radish, Wild
Filaree, Redstem	Shepardspurse
Geranium, Carolina Gromwell, spp.	Speedwell, Ivyleaf
Henbit	Turnip, Wild

WEEDS SUPPRESSED

Metribuzin 75WG 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 following treatment. For maximum effect on these weeds, apply the highest recommended 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*	Mustard, Tumble (Jim Hill)*
Buttercup, spp.	Tansy mustard
Cowcockle	Thistle, Russian
Kochia*	Vetch, Winter
Lettuce, Prickly	

Grasses	
Barley, Hare (Wild)	Brome, Ripgut*
Barley, Little	Cheat*
Blackgrass	Foxtail, spp.*
Bluegrass, Annual	Oat, Wild*
Bluegrass, Bulbous	Rescuegrass*
Brome, Downy*	Whitlowgrass, Spring (Vernal)
Brome, Japanese*	Windgrass

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

FOR WEED CONTROL IN A WHEAT/FALLOW/WHEAT ROTATION

Idaho, Oregon, Utah, and Washington Only

Metribuzin 75WG 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.

For specific application information see the GENERAL INFORMATION section in the front of this label.

Where weed growth is present at application time, Metribuzin 75WG should be applied with Gramoxone or other contact herbicide. Refer to the other product label registered for additional directions, rates, and weed species controlled.

WEEDS CONTROLLED	
Broadleaves	Mustard, Tansy (*Descurainia pinnata*)
Chickweed, Common (*Stellaria media*)	Mustard, Treacle (*Eyrsimum repandum*)
Henbit (*Lamium amplexicaule*)	Mustard, Wild (*Brassica kaber*)
*Kochia (*Kochia scoparia*)	Pennycress, Field (Fanweed) (*Thlaspi arvense*)
Lambsquarters (*Chenopodium album*)	Pigweeds (*Amaranthus spp.*)
Mustard, Blue or Purple (*Chorispora tenella*)	Russian Thistle (*Salsola iberica*)
Mustard, Jim Hill (*Sisymbrium altissimum*)	Sunflower *(Helianthus spp.)*
Grasses	
Cheatgrass (*Bromus secalinus*)	*Wheat, Volunteer *(Triticum spp.)*
Downy brome (*Bromus tectorum*)	

***NOTE**: Since control of these weeds may be variable depending on moisture following application, the higher labeled rate is recommended.

After Harvest Application (Fall Fallow): Metribuzin 75WG may be applied to wheat stubble after harvest in the fall. Apply ⅔ to $^{5}/_{6}$ 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 (½ inch or more) is necessary for herbicide activation.

Do not plant crops in treated areas for at least 10 months following fall applications.

Metribuzin 75WG may be applied at ⅔ to $^{5}/_{6}$ lb. per acre as directed above for a fall application. If other vegetation is present at the time of application use a contact herbicide.

Spring Application (Summer Fallow): Metribuzin 75WG may be applied to wheat stubble in the spring. Apply ½ to ⅔ lb. per acre broadcast before weeds emerge in the spring. Use the higher rate for longer weed control or for weeds designated as requiring the higher rate for control. Rainfall (½ inch or more) is necessary for herbicide activation.

Precautions and Restrictions: Do not graze treated fields.

Do not plant spring-seeded cereals following fall fallow applications of Metribuzin 75WG.

Where Metribuzin 75WG was applied in the fall, do not apply Metribuzin 75WG in the spring.

Do not rotate any crop not listed on this label for 18 months following application of Metribuzin 75WG.

FOR WEED CONTROL IN A FALLOW ROTATION WITH BARLEY AND WHEAT

Colorado, Kansas, Montana, Nebraska, and Wyoming Only

Metribuzin 75WG 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 75WG should be applied with Gramoxone, Roundup, or other contact herbicide. Refer to the other product label registered for additional directions, rates, and weed species controlled. Do not plant crops in treated areas earlier than 10 months following fall applications.

Do not rotate any crop not listed on this label for 18 months following application of Metribuzin 75WG

WEEDS CONTROLLED	
Broadleaves Chickweed, Common (*Stellaria media*) Cowcockle *(Vaccaria pyramidata)* Henbit (*Lamium amplexicaule*) *Kochia (*Kochia scoparia*) Lambsquarters (*Chenopodium album*) Mustard, Blue or Purple (*Chorispora tenella*) Mustard, Jim Hill (*Sisymbrium altissimum*)	Mustard, Tansy (*Descurainia pinnata*) Mustard, Treacle (*Eyrsimum repandum*) Mustard, Wild (*Brassica kaber)* Pennycress, Field (Fanweed) (*Thlaspi arvense*) Pigweeds (*Amaranthus spp.*) Russian Thistle (*Salsola iberica*) Sunflower *(Helianthus spp.)*
Grasses Cheatgrass (*Bromus secalinus*) Downy Brome (*Bromus tectorum*) *Foxtail, Green *(Setaria viridis)*	*Wheat, Volunteer *(Triticum spp.)* *Wild Oats *(Avena fatus)*

***NOTE**: Since control of these weeds may vary depending on moisture following application, use the higher rate recommended below.

After Harvest Application (Fall Fallow): Metribuzin 75WG may be applied to stubble after harvest in the fall. Apply 5/6 to 1 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 (½ inch or more) is necessary for herbicide activation.

Spring Application (Summer Fallow): Metribuzin 75WG may be applied to wheat stubble in the Spring. Apply ½ to ⅔ lb. per acre broadcast before weeds emerge in the spring. Use the higher rate for longer weed control or weeds designated as requiring the higher rate for control. Rainfall (½ inch or more) is necessary for herbicide activation. Wheat or barley can be seeded 120 days after spring application.

Precautions and Restrictions: Do not graze treated fields.

Do not plant spring-seeded cereals following fall applications for fallow.

Where Metribuzin 75WG was applied in the fall, do not apply Metribuzin 75WG in the spring.

CROP ROTATON RESTRICTIONS

Waiting Period After Metribuzin 75WG Herbicide Application[1]

4 Months	**8 Months**	**12 Months**
Alfalfa	Barley	Potatoes
Asparagus	Lentils	Rice
Barley[2]	Peas	
Corn	Wheat	**18 Months**
Forage Grasses		Sugar Beets
Sainfoin		Onions
Soybeans		And Other Root Crops not listed on this label and all other crops not listed on this label
Sugarcane[3]		
Tomatoes		
Wheat[2]		

[1] 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.

[2] Following peas, lentils, or soybeans.

[3] Do not rotate any crop not listed on this label after application of Metribuzin 75WG to sugarcane.

STORAGE AND DISPOSAL

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.

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: PLASTIC CONTAINER: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In case of spill, avoid contact, isolate area, and keep out animals and unprotected persons. Confine spills. Call INFOTRAC: 1-800-535-5053.

WARRANTY STATEMENT

MAKHTESHIM AGAN OF NORTH AMERICA warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MAKHTESHIM AGAN OF NORTH AMERICA. To the extent allowed by law, MAKHTESHIM AGAN OF NORTH AMERICA shall not be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except as expressly provided herein, MAKHTESHIM AGAN OF NORTH AMERICA makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at MAKHTESHIM AGAN OF NORTH AMERICA's election, the replacement of this product.

Metribuzin 75WG (66222-106)(EPA app 11-15-04)(Notif to EPA 3-29-05)

57157

March 29, 2005

MAKHTESHIM
A G A N
of
North America
Inc.

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
US Environmental Protection Agency
1801 South Bell Street
CM2, Room 266A
Arlington, VA 22202-4501

Attn: Jim Tompkins (25)
Phone: 703-305-5697

Re: NOTIFICATION OF TYPO ON LABEL
THIS SUPERCEDES NOTIFICATION SENT 2-8-05
Metribuzin 75WG – EPA Reg. No. 66222-106

Dear Mr. Tompkins:

Makhteshim Agan of North America, Inc. is submitting a revised final printed label for the above referenced product.

We discovered that we made a typographical error on the label pertaining to the conditions required on EPA letter dated 11-5-04.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula for this product. I understand that it is a violation of 18 USC Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under Sections 12 and 14 of FIFRA.

Enclosed with this application are the following documents:

- Application for Registration (EPA Form 8570-1)
- Highlighted copy (of one page only)containing the error (for ease of review)
- Three copies of final printed labeling
- Copy of EPA letter dated 11-5-04- listing changes required for final printed label- section highlighted where we made the typographical error

Please contact me at 901-861-4400 or at [redacted] if you have any questions.

Sincerely,

Jane Rothwell
Registration Specialist

Enclosures

551 Fifth Avenue, Suite 1100, New York, NY 10176
Tel: 212-661-9800 Fax: 212-661-9038 / 9043