U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460	EPA Reg. Number: 42750-364	Date of Issuance: 3/20/20
NOTICE OF PESTICIDE: <u>X</u> Registration	Term of Issuance:	
Reregistration (under FIFRA, as amended)	Conditional	
	Name of Pesticide Produce Name of Pesticide	
Name and Address of Registrant (include ZIP Code): Albaugh, LLC P.O. Box 2127 Valdosta, GA 31604-2127		
<b>Note:</b> Changes in labeling differing in substance from that accepted in connection with this registrati Registration Division prior to use of the label in commerce. In any correspondence on this product a		
On the basis of information furnished by the registrant, the above nunder the Federal Insecticide, Fungicide and Rodenticide Act.	amed pesticide is h	nereby registered
Registration is in no way to be construed as an endorsement or reco Agency. In order to protect health and the environment, the Admin time suspend or cancel the registration of a pesticide in accordance name in connection with the registration of a product under this Ac registrant a right to exclusive use of the name or to its use if it has b	istrator, on his mo with the Act. The t is not to be const	tion, may at any acceptance of any rued as giving the
This product is conditionally registered in accordance with FIFRA with the following conditions:	section 3(c)(7)(A).	You must comply
<ol> <li>Submit and/or cite all data required for registration/reregistr product under FIFRA when the Agency requires all registra data.</li> </ol>	•	•
Signature of Approving Official:	Date:	
Emily Schmid	3/20/20	
Emily Schmid, Product Manager 25 Herbicide Branch, Registration Division (7505P)		
EPA Form 8570-6		

- 2. You are required to comply with the data requirements described in the DCI identified below:
  - a. Metribuzin GDCI- 101101-1304

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <u>http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1</u>

- 3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 42750-364."
- 4. Submit one copy of the final printed label for the record before you release the product for shipment.

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

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

• Basic CSF dated 4/29/2019

If you have any questions, please contact Sarah Meadows by phone at 703-347-0505, or via email at meadows.sarah@epa.gov.

Enclosure

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Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 40750, 2004

<sup>9</sup> No. 42750-364

#### METRIBUZIN GROUP 5

HERBICIDE

# **METRIBUZIN 75 WDG**

Herbicide for control of certain grasses and broadleaf weeds in soybeans, barley, wheat, field and sweet corn, sugarcane, potatoes, tomatoes, peas, lentils, garbanzo beans, carrots, asparagus, and grasses grown for seed.

#### **ACTIVE INGREDIENT:**

Metribuzin, 4-Amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4H)-one	75.0%
INERT INGREDIENTS:	<u>25.0%</u>
TOTAL:	100.0%

#### **KEEP OUT OF REACH OF CHILDREN**

# WARNING/AVISO

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

	FIRST AID
IF	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> </ul>
SWALLOWED:	<ul> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> </ul>
	Do not give anything by mouth to an unconscious person
IF ON SKIN OR	Take off contaminated clothing.
CLOTHING:	<ul> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice</li> </ul>

See booklet for additional PRECAUTIONARY STATEMENTS, COMPLETE DIRECTIONS FOR USE, WARRANTY DISCLAIMER, AND LIMITATION OF LIABILITY.

EPA Reg. No. 42750-XXX

EPA Est. No. xxxxxx-xx-xxx

NET WEIGHT: \_\_\_\_\_ Gallons

MANUFACTURED BY: Albaugh, LLC Ankeny, IA 50021

# **PRECAUTIONARY STATEMENTS** HAZARDS TO HUMANS AND DOMESTIC ANIMALS

# WARNING

May be fatal if swallowed. Harmful if absorbed through skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid contact with skin, eyes or clothing. Remove and wash contaminated clothing before reuse.

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves.
- Shoes plus socks

Users should:

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available 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.

#### USER SAFETY RECOMMENDATIONS

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### 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 washwaters or rinsate.

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

# **DIRECTIONS FOR USE**

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

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

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR

part 170. This Standard contains requirements for the 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
- Waterproof gloves.
- Shoes plus socks

#### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter treated area until sprays have dried. For dry fertilizer application, do not enter or allow others to enter until dusts have settled. If soil incorporation is required following the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry following the watering-in.

#### WEED RESISTANCE MANAGEMENT

**METRIBUZIN 75 WDG** contains the active ingredient metribuzin and is classified as a Group 5 herbicide -Triazinone, Inhibitor of photosynthesis at photosystem II site A. Herbicide resistance is defined as the inherited ability of a plant to survive and reproduce following exposure to a dose of herbicide normally lethal to the wild type. In a plant, resistance may be naturally occurring or induced by such techniques as genetic engineering or selection of variants produced by tissue culture or mutagenesis. Any weed population may contain or develop plants that are naturally resistant to **METRIBUZIN 75 WDG** and other Group 5 herbicides. Weed species with acquired resistance to Group 5 herbicides may eventually dominate the weed population if Group 5 herbicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by **METRIBUZIN 75 WDG** or other Group 5 herbicides.

Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed. If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

To delay herbicide resistance, consider:

- Avoiding the consecutive use of **METRIBUZIN 75 WDG** or other target site of action Group 5 herbicides that have a similar target site of action, on the same weed species.
- Using tank mixtures or premixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank mix or prepack rate on the weed(s) of concern.

- Basing herbicide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitoring treated weed populations for loss of field efficacy.

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

#### INTEGRATED WEED PEST MANAGEMENT

Integrate this product into an overall weed management strategy whenever the use of an herbicide is required. Practices known to reduce weed development (tillage, crop competition) and herbicide use (weed scouting, proper application timing, banding) must be followed wherever possible. Consult local agricultural and weed authorities for additional IPM strategies established for your area.

#### **PRODUCT INFORMATION**

**MIXING:** When using **METRIBUZIN 75 WDG**, make sure the sprayer is completely clean, free of rust or corrosion which occurs from winter storage. Examine strainers and screens to be sure the sprayer is clean from previously used pesticides.

Any tank-mix containing **METRIBUZIN 75 WDG** must be kept agitated and sprayed out immediately. Do not allow tank-mixes to stand for prolonged periods of time.

The proper mixing procedure for **METRIBUZIN 75 WDG** alone or in tank-mix combinations with other herbicides is:

- 1. Fill the spray tank 1/4 to 1/3 full with clean water.
- 2. Add specified rate of METRIBUZIN 75 WDG while recirculating and with agitator running.
- 3. Follow the triple rinse procedure described under "STORAGE AND DISPOSAL" to ensure that all product is removed from the container.
- 4. Mix thoroughly and add clean water to fill spray tank to desired level.
- 5. Add the other herbicide to tank last and agitate thoroughly.
- 6. Continue agitation during application and until sprayer tank is empty.

This product can be tank mixed with the following active ingredients in accordance with the most restrictive of label restrictions and precautions.

2,4-D (EHE)	Chlorsulfuron	Fenoxaprop	Linuron	Paraquat	Simazine
2,4-DB	Clethodim	Fluazifop-p-butyl	MCPA	Pendimethalin	Trifluralin
Acetochlor	Clomazone	Flumiclorac pentyl ester	Metolachlor	Propachlor	Triasulfuron
Atrazine	Dicamba	Flumetsulam	S-Metolachlor	Pyridate	Thifensulfuron-methyl
Bentazon sodium	Dimethanimid-p	Glyphosate	Metribuzin	Rimsulfuron	
Bromoxynil	EPTC	Imazaquin	Metsulfuron-methyl	Saflufenacil	
Chlorimuron-ethyl	Ethalfluralin	Imazethapyr	Oryzalin	Sethoxydim	

Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing. Refer to the crop specific information section of this label for additional information. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

**SOIL TEXTURE:** As used on this label, "Coarse soils" are sand, 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.

#### RESTRICTIONS

Do not allow sprays to drift on to adjacent desirable plants. Apply this product only as specified on this label.

Do not use on other crops grown for food or forage. Observe all cautions and limitations on labeling of all products used in mixtures.

Do not rotate any crop not listed on this label for 18 months following application of **METRIBUZIN 75 WDG**.

For all uses: Low-pressure, high-volume hand-wand equipment is prohibited.

		CROP ROTATION RESTRICTIONS
Waiting Peric	d After METRIBUZIN 75 \	NDG Herbicide Application <sup>1</sup>
4 Months	Alfalfa Asparagus Barley <sup>2</sup> Corn Forage Grasses	Sainfoin Soybeans Sugarcane Tomatoes Wheat <sup>2</sup>
8 Months	Barley Lentils	Peas Wheat
12 Months	Rice <sup>3</sup>	Potatoes
18 Months	Sugar Beets Onions	And other root crops not listed on this label and all other crops not listed on this label.

<sup>1</sup>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.

<sup>2</sup>Following peas, lentils or soybeans

<sup>3</sup>Do not rotate rice after any application to a primary crop greater than 1 lb ai/A of **METRIBUZIN 75 WDG** per season. Do not rotate any crop not listed on this label after application of **METRIBUZIN 75 WDG** to sugarcane.

#### CHEMIGATION

**METRIBUZIN 75 WDG** may be used for application through sprinkler irrigation equipment to potatoes, soybeans, tomatoes, and asparagus as directed on this label. Refer to the crop sections of this label for specified 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 non- uniform distribution of treated water.

**Calibration: (Center Pivot and Self-Propelled Lateral Move Systems):** Sprinkler irrigation systems must be accurately calibrated for application of **METRIBUZIN 75 WDG**. 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 1/4 to 3/4 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 75 WDG** at the specified rate (See 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 2/3 lb/acre, 90.5 lb of **METRIBUZIN 75 WDG** 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 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 1/4 to 3/4 inch of water (1/4 to 1/2 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 excessively, crop injury may result. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. To ensure that lines are flushed and free of remaining pesticide, an indicator dye may be injected into the lines to mark the end of the application period.

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

#### AERIAL DRIFT REDUCTION ADVISORY INFORMATION

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

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

- 1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the wingspan or rotor.
- 2. Nozzles must always point backwards parallel with the airstream and never be pointed downwards more than 45 degrees.
- 3. Where states have more stringent regulations, they must be observed.
- 4. The applicator must be familiar with and take into account the information covered in the <u>Aerial Drift</u> <u>Reduction Advisory Information</u>.

**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 3/4 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 an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

**SENSITIVE AREAS: METRIBUZIN 75 WDG** 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 75 WDG 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 75 WDG** in a minimum of 10 to 40 gallons of spray mixture per acre broadcast.

**Banded Application:** Use proportionally less **METRIBUZIN 75 WDG** per acre in a band versus a broadcast application. For band application use 1/4 to 1 gallon of spray mix per inch of band width regardless of row spacing.

**EXAMPLES:** (1) To treat a 15-inch band on rows 30 inches apart, use one-half of the broadcast rate of **METRIBUZIN 75 WDG**. (2) To treat a 14-inch band on rows 42 inches apart, use one-third of the broadcast rate of **METRIBUZIN 75 WDG**.

**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.

**For All Applications of METRIBUZIN 75 WDG:** Sprayer must be accurately calibrated before applying **METRIBUZIN 75 WDG**. 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 75 WDG** 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 spray mixture from the outside of spray tank, nozzles or spray rig. All rinse water must be disposed of in compliance with local, state, and Federal guidelines.

#### APPLICATION OF METRIBUZIN 75 WDG IN FLUID FERTILIZERS

**METRIBUZIN 75 WDG** 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 75 WDG** and tank-mix combinations which include **METRIBUZIN 75 WDG** must be made for each batch of fluid fertilizer because of the variability of these fertilizers.

#### **Compatibility Check:**

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

#### THIS COMPATIBILITY CHECK MUST 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 while adding **METRIBUZIN 75 WDG** 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 75 WDG** and follow by adding the second herbicide, and then continue filling the tank with fluid fertilizer.
- 3. Maintain continuous agitation to ensure uniform spray mixture until the tank is emptied.

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

# COMMERCIAL IMPREGNATION AND APPLICATION OF METRIBUZIN 75 WDG ON DRY BULK FERTILIZER

Dry bulk fertilizer may be impregnated or coated with **METRIBUZIN 75 WDG** for application to established alfalfa and to soybeans. All directions, cautions, and special precautions on this label must be followed along with state regulations relating to dry bulk fertilizer blending, impregnating and labeling.

**Impregnation:** To impregnate, use a system consisting of a belt, conveyor, or closed drum which is used for dry bulk fertilizer blending. Any commonly used fertilizer can be impregnated with **METRIBUZIN 75 WDG** 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 lbs. dry bulk fertilizer per acre and up to a maximum of 450 lbs. per acre. To impregnate or coat dry bulk fertilizer, mix **METRIBUZIN 75 WDG** with sufficient water to form a sprayable slury. 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 75 WDG** 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 75 WDG**, mix and impregnate immediately.

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

**Rates:** Select the specified rate of **METRIBUZIN 75 WDG** per acre from the appropriate section of this label and refer to the formula below to determine the amount of **METRIBUZIN 75 WDG** 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.

Lbs. METRIBUZIN 75 WDG	Х	2000 Lbs. Fertilizer	=	Lbs. METRIBUZIN 75 WDG
Acre		Acre		Ton of Fertilizer

**APPLICATION:** Uniform application is essential for satisfactory weed control. Accurate calibration of fertilizer application equipment is essential for uniform distribution to the soil surface. The correct method of application is to apply 1/2 the specified 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 75 WDG is to be used in

combination with another herbicide, follow directions on this label for combinations, rates, crops, incorporation, and special precautions.

#### SOYBEANS

#### (Except California)

**METRIBUZIN 75 WDG** herbicide tank-mix combinations may be used for preplant incorporated applications, preemergence surface applications, Split-Shot application and Extended Split-Shot application. **METRIBUZIN 75 WDG** may also be used as an overlay application following a preplant incorporated application of a labeled 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 some geographies, **METRIBUZIN 75 WDG** can be applied as a postemergence directed spray to soybeans (contact your Albaugh sales representative for locations).

**SPECIAL PRECAUTIONS (Soybeans):** Injury to soybeans may occur when **METRIBUZIN 75 WDG** is used under the following conditions:

- 1. When soils have a calcareous surface area or a pH of 7.5 or higher.
- Due to the sensitivity of certain soybean varieties, METRIBUZIN 75 WDG must not be used 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 Albaugh, LLC representative or your seed supplier for information on the tolerance to METRIBUZIN 75 WDG of newly released soybean varieties, prior to use of METRIBUZIN 75 WDG.
- 3. When applied in conjunction with soil-applied organic phosphate pesticides.
- 4. Over application or 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 1/2% organic matter.
- 7. Soil incorporation deeper than specified.
- 8. When sprayers are not calibrated accurately.
- 9. When heavy rains occur soon after application, especially in poorly drained areas where water may stand for several days.
- 10. When soybeans are planted less than 1-1/2 inches deep, particularly in preemergence application.

Activation: A minimum amount of soil moisture is required to activate METRIBUZIN 75 WDG. In areas of

low rainfall, preemergence applications to dry soil must be followed with light irrigation of 1/4 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 75 WDG** is applied alone or with Trifluralin, Metolachlor, *s*-Metolachlor, or Pendimethalin.

Do not use treated vines for feed or forage when **METRIBUZIN 75 WDG** is applied with Ethalfluralin, linuron, Metolachlor or *s*-Metolachlor.

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

WEEDS CONTROLL METRIBUZIN 75 WDG HI								
C = Control S = Suppression or Erratic Control P = Poor o							om poor to	excellent)
1 = METRIBUZIN 75 WDG Alone 2 = METRIBUZIN 75 WDG Split-Shot 3 = METRIBUZIN 75 WDG plus Trifluralin 4 = METRIBUZIN 75 WDG plus Metolachlor or s-M 5 = METRIBUZIN 75 WDG plus Pendimethalin	etolach	lor	7 = ME 8 = ME		ŻIN 75 V ZIN 75 V	VDG plu VDG plu	ıs Ethalflu s Linuron lor)	
ANNUAL BROADLEAF WEEDS	1	2	3	4	5	6	7	8
Black Nightshade (Solanum nigrum)	Р	Р	Р	С	Р	С	Р	S
Bristly Starbur (Acanthospermum hispidum)	С	С	С	С	С	С	С	С
Buffalobur (Solanum rostratum)	С	С	Р	Р	Р	С	Р	0
Carpetweed (Mollugo verticillata)	С	С	С	С	С	С	С	С
Cocklebur (Xanthium pensylvanicum)	S	С	S	S	S	С	S	S
Copperleaf, Hophornbeam (Acalypha ostryaefolia)	С	С	С	С	С	С	С	С
Florida Beggarweed (Desmodium tortuosum)	С	С	С	С	С	С	С	С
Florida Pusley <i>(Richardia scabra)</i>	С	С	С	С	С	С	С	С
Galinsoga <i>(Galinsoga spp.)</i>	С	С	С	С	С	С	С	С
Horseweed Marestail (Conyza canadensis)	0	0	0	0	0	С	0	0
Jimsonweed (Datura stramonium)	С	С	С	С	С	С	С	S
Knotweed (Polygonum spp.)	С	С	С	С	С	С	С	С
Kochia (Kochia scoparia)	С	С	С	С	С	С	С	С
Lambsquarters (Chenopodium spp.)	С	С	С	С	С	С	С	С
Morningglory, Ivyleaf (Ipomoea hederacea)	Р	Р	S	Р	Р	Р	Р	Р
Morningglory, Pitted (Ipomoea lacunosa)	Р	Р	S	Р	Р	Р	Р	Р
Morningglory, Smallflower ( <i>Jacquemontia</i> <i>tamnifolia)</i>	Р	Р	с	Р	Р	Р	Р	Р
Morningglory, Tall (Ipomoea purpurea)	Р	Р	S	Р	Р	Р	Р	Р
Pigweeds ( <i>Amaranthus</i> spp.)	С	С	С	С	С	С	С	C
Prickly Sida/Teaweed (Sida spinosa)	С	С	С	С	С	С	С	C
Purslane (Portulaca oleracea)	С	С	С	С	С	С	С	С
Ragweed, Common (Ambrosia artemisiifolia)	С	С	С	С	С	С	С	С

WEEDS CONTROLLED BY METRIBUZIN 75 WDG AND METRIBUZIN 75 WDG HERBICIDE TANK-MIX COMBINATIONS								
Redweed (Melochia corchorifolia)	С	С	С	С	С	С	С	С
Russian Thistle <i>(Salsola kali)</i>	С	С	С	С	С	С	С	С
Sesbania (Sesbania spp.)	С	С	С	С	С	С	С	С
Shepherdspurse (Capsella bursa-pastoris)	С	С	С	С	С	С	С	С
Sicklepod (Cassia obtusifolia)	С	С	S	С	S	С	S	S
Smartweeds (Polygonum spp.)	С	С	С	С	С	С	С	S
Spotted Spurge (Euphorbia maculata)	С	С	Р	С	Р	С	Р	0
Spurred Anoda (Anoda cristata)	С	С	С	С	С	С	С	0
Sunflower <i>(Helianthus spp.)</i>	С	С	S	S	S	С	S	Р
Velvetleaf (Abutilon theophrasti)	С	С	С	С	С	С	С	С
Venice Mallow (Hibiscus trionum)	С	С	С	С	С	С	С	С
Wild Mustards (Brassica spp.)	С	С	С	С	С	С	С	С

#### WEEDS CONTROLLED BY METRIBUZIN 75 WDG AND METRIBUZIN 75 WDG HERBICIDE TANK-MIX COMBINATIONS

C = Control S = Suppression or Erratic Control P = Poor or No Control 0 = No Information (Control may range from poor to

excellent) 1 = METRIBUZIN 75 WDG Alone

2 = METRIBUZIN 75 WDG Split-Shot

3 = METRIBUZIN 75 WDG plus Trifluralin

- 6 = Extended Split-Shot
- 7 = METRIBUZIN 75 WDG plus Ethalfluralin
- 8 = METRIBUZIN 75 WDG plus Linuron plus (Metolachlor or S-Metolachlor)
- 4 = METRIBUZIN 75 WDG plus Metolachlor or s-Metolachlor 5 = METRIBUZIN 75 WDG plus Pendimethalin

ANNUAL GRASSES	1	2	3	4	5	6	7	8
Barnyardgrass (Echinochloa crus-galli)	S	С	С	С	С	С	С	С
Bluegrass <i>(Poa annua)</i>	С	С	С	С	С	С	С	С
Broadleaf Signalgrass (Brachiaria platyphylla)	С	С	С	С	С	С	С	0
Browntop Millet (Panicum ramosum)	С	С	С	Р	С	С	0	0
Crabgrass <i>(Digitaria spp.)</i>	С	С	С	С	С	С	С	С
Crowfootgrass (Dactyloctenium aegyptium)	С	С	С	С	С	С	0	0
Cupgrass (Eriochloa gracilis)	Р	С	Р	Р	Р	С	0	0
Foxtails <i>(Setaria spp.)</i>	S	С	С	С	С	С	С	С
Goosegrass (Eleusine indica)	С	С	С	С	С	С	С	С
Johnsongrass, Seedling (Sorghum halepense)	С	С	С	С	С	С	С	0
Junglerice (Echinochloa colonum)	С	С	С	С	С	С	С	0
Nutsedge, Yellow (Cyperus esculentus)	Р	Р	Р	С	Р	С	Р	0
Panicum, Fall (Panicum dichotomiflorum)	Р	С	С	С	С	С	С	С
Panicum, Texas <i>(Panicum texanum)</i>	Р	С	С	Р	С	S	С	0
Red Rice <i>(Oryza sativa)</i>	Р	С	С	С	Р	С	0	0
Sandbur <i>(Cenchrus spp.)</i>	Р	С	С	Р	С	S	0	0
Shattercane (Sorghum bicolor)	Р	С	С	Р	Р	Р	С	0
Sorghum, Volunteer (Sorghum spp.)	Р	С	С	Р	Р	Р	0	Р
Sprangletop <i>(Leptochloa spp.)</i>	Р	С	С	Р	Р	Р	0	Р
Stinkgrass <i>(Eragrostis spp.)</i>	Р	С	С	Р	Р	Р	0	Р
Wheat, Volunteer <i>(Triticum spp.)</i>	Р	Р	Р	Р	Р	Р	0	Р

WEEDS CONTROLLI METRIBUZIN 75 WDG HE								
Witchgrass (Panicum capillare)	Р	С	С	С	С	С	С	0

### **METRIBUZIN 75 WDG ALONE**

**METRIBUZIN 75 WDG (Alone) Preemergence Application:** The following rates of **METRIBUZIN 75 WDG** 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 75 WDG** 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 "PRODUCT 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.

SOIL TEXTURE	ORGANIC MATTER						
SOIL TEXTURE	Less than 2%	2 to 4%	Over 4%				
COARSE SOILS (Sandy loam, loamy sand)	DO NOT USE <sup>3</sup>	1/2	2/3				
<b>MEDIUM SOILS<sup>1</sup></b> (Loam, silt loam, silt, sandy clay, sandy clay loam)	1/2 to 2/3	2/3 to 5/6	5/6 to 1				
FINE SOILS <sup>1</sup> Silty clay, silty clay loam <sup>2</sup> , clay, clay oam)	2/3 to 5/6	5/6 to 1	1 to 1-1/6				
Mississippi Delta Only	1	1-1/6	1-1/3				

<sup>1</sup>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 75 WDG** at rates of 1/3 lb/acre on medium soils and 1/3 to 1/2 lb/acre on fine soils regardless of soil organic matter percentage (use 1/2 lb only where soil pH is less than 7.5 and weed pressure is heavy). The 1/3 lb/acre rate of **METRIBUZIN 75 WDG** alone can be applied regardless of soil pH. For control of other weeds listed on this label use **METRIBUZIN 75 WDG** at full rates specified in the table above, **but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.** 

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

<sup>3</sup> Refer to the appropriate section of this label for use of **METRIBUZIN 75 WDG** on soybeans in coarse soils with 0.5% or more organic matter in certain states.

# USES OF METRIBUZIN 75 WDG HERBICIDE IN COMBINATION WITH OTHER HERBICIDES

# SEQUENTIAL APPLICATION OF IMAZAQUIN (SCEPTER<sup>®</sup> 70 DG Herbicide EPA Reg. No. 5481-610) FOLLOWING METRIBUZIN 75 WDG

If needed, application of **METRIBUZIN 75 WDG** alone or in a registered tank-mix according to directions on this label may be followed by an early postemergence application of Imazaquin (e.g. Scepter 70 DG Herbicide EPA Reg. No. 5481-610) herbicide for control of cocklebur. Apply 0.7 to 1.4 ounces of Scepter 70 DG) in a minimum of 20 gallons of water per acre. Use 0.7 ounce of Scepter 70 DG if cockleburs are less than 3 inches tall or have fewer than 3 leaves and are actively growing. For cockleburs less than 6 inches tall and actively growing use 1.4 ounces of Scepter 70 DG per acre. Do not use Scepter when soybeans or cockleburs have been subjected to stress conditions such as temperature or moisture extremes. Do not exceed a total of 2.8 ounces of Scepter 70 DG per acre in one season. Wait at least 10

days after application of Scepter 70 DG before cultivating.

When preparing the spray mixture with Scepter, add 2 pt 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 70 DG 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 75 WDG** tank-mixed with either Trifluralin, Metolachlor, *s*-Metolachlor, Pendimethalin or Ethalfluralin herbicides and followed by a preemergence surface application of **METRIBUZIN 75 WDG** 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 Trifluralin, Metolachlor, *s*-Metolachlor, Pendimethalin or Ethalfluralin 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 75 WDG**. Carefully observe the "Special Precautions" sections concerning the use of **METRIBUZIN 75 WDG** in tank-mix combinations on soybeans.

When a Split-Shot application of **METRIBUZIN 75 WDG** with Pendimethalin, Trifluralin, or Ethalfluralin is used, the preplant incorporated tank-mix may be applied up to 21 days prior to planting soybeans; with Metolachlor ors-Metolachlor, 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 given for the **METRIBUZIN 75 WDG** preemergence overlay application. The higher rate is recommended (a) in fields with a history of severe broadleaf weed pressure, (b) when the time between preplant incorporated tankmix 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, Metolachlor, *s*-Metolachlor, or Ethalfluralin labels for specific instructions.

	SPLIT-SHOT APPLICATION Preplant Incorporated Tank-mix Application - FOLLOWED BY – Preemergence Overlay Application						
SOIL Rate of Combination		Plus	Rate of METRIBUZIN 75	Rate of METRIBUZIN 75 WDG Lb/Acre ORGANIC MATTER			
TEXTURE <sup>1</sup>	Product	/Acre		WDG Lb/Acre		2% to 4%	Over 4%
COARSE	Trifluralin (4 lbs / gallon)	1 pt	plus	1/3-Followed By	1/6 1/6		1/6 to 1/3
<b>(Light)</b> sand, loamy sand,	Metolachlor, s-Metolachlor (7.64 lbs / gallon)	0.8 – 1 pt				1/6	
sandy loam	Pendimethalin (3.8 lbs / gallon)	1 1/2 pt					

	Ethalfluralin (3 lbs / gallon)	1 1/4 – 2 pt					
мершим	Trifluralin (4 lbs / gallon)	1 1/2 pt	plus			1/6 to	
<b>MEDIUM</b> loam, silt loam, sandy	Metolachlor, s-Metolachlor (7.64 lbs / gallon)	1 pt		1/2 -Followed By or 1/3 <sup>2</sup> -Followed By	1/6	1/6 to 1/3	1/3 to 1/2
clay loam, silt, sandy clay	Pendimethalin (3.8 lbs / gallon)	1 1/2 pt			1/3	1/3 to 1/2	(1/2 to 2/3) <sup>3</sup>
sandy clay	Ethalfluralin (3 lbs / gallon)	1 3/4 – 2 1/2 pt				1/2	
FINE	Trifluralin (4 lbs / gallon)	2 pt	plus			4/0 +-	
<b>(Heavy)</b> silty clay	Metolachlor, s-Metolachlor (7.64 lbs / gallon)	1.3 – 1.7 pt		2/3-Followed By or	1/6	1/6 to 1/3	1/3 to 1/2
loam*, clay loam, silty clay, clay	Pendimethalin (3.8 lbs / gallon)	1 1/2 – 2 pt		1/2 <sup>-</sup> -Followed By	1/3	1/3 to 1/2	(1/2 to 2/3) <sup>3</sup>
ciay, ciay	Ethalfluralin (3 lbs / gallon)	2 1/4 – 3 pt				1/2	

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

<sup>1</sup>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.

<sup>2</sup>Use this lower rate of **METRIBUZIN 75 WDG** 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.

<sup>3</sup>Reduce this preemergence overlay rate of **METRIBUZIN 75 WDG** 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**

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

An early preplant (surface-applied or shallow incorporated) application of **METRIBUZIN 75 WDG** tankmixed with either Metolachlor or s-Metolachlor, followed by a preemergence surface application of **METRIBUZIN 75 WDG** tank-mixed with Metolachlor or s-Metolachlor 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 75 WDG** with Metolachlor or s- Metolachlor 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 given, the higher rate is recommended (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.

When weeds exceed 1 to 1-1/2 inches in height or diameter at application, use a contact herbicide, such as Glyphosate or Paraquat.

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

		E	XTENDED SPI	LIT-SHOT APF	LICATION				
Early Preplant Tank-mix Application (Surface- Applied or Shallow Incorporated)					Preemergence Overlay Application				
SOIL	Rate of METRI		Rate of METRIBUZIN	Followed By	Rate of Combination		Rate of METRIBUZIN 75 WDG Lb/Acre		
	Combination Product/Acre	Plus	75 WDG		Product/	Plus	ORG	ANIC MA	TTER
	TroductiAcic		Lb/Acre		Acre		1/2 -2%	2%	> 4%
COARSE (Light)	Metolachlor or <i>s</i> -Metolachlor		4/0 4/0	Metolachlor	0.4.54		4.5	1/6	4.0
Sand, loamy sand, sandy	(7.64 lbs / gallon)	plus	1/3 - 1/2	or <i>s</i> -Metolachlor	0.4 pt	plus	1/6	to 1/3	1/3
loam	0.9 pt								
<b>MEDIUM</b> Loam, silt	Metolachlor or <i>s</i> -Metolachlor			Metolachlor				1/3	
loam, sandy clay loam, silt, sandy	(7.64 lbs / gallon)	plus	1/2 - 2/3 <sup>2</sup>	or s-Metolachlor	0.5 pt	plus	1/3	to 1/2	1/2 to 2/3
clay FINE	1.2 pt Metolachlor or								
FINE (Heavy) Silty clay	s-Metolachlor		2	Metolachlor			4/0	1/3	1/2 to
loam*, clay loam, silty	(7.64 lbs / gallon)	plus	2/3 - 5/6 <sup>2</sup>	or <i>s</i> -Metolachlor	0.7 pt	plus	1/3	to 1/2	2/3
clay, clay	1.3 pt								

\*Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S. <sup>1</sup>On **coarse textured** soils, do not use on sand soil with less than 1% organic matter. However, on coarse tex- tured 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.

<sup>2</sup>Use the lower rate of METRIBUZIN 75 WDG 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.

# METRIBUZIN 75 WDG plus Ethalfluralin (e.g. SONALAN<sup>®</sup> HFP Herbicide EPA Reg. No. 10163-356)

**METRIBUZIN 75 WDG plus Ethalfluralin Overlay Application: METRIBUZIN 75 WDG** may be applied as a preemergence overlay application following a preplant incorporated application of Ethalfluralin. Consult the Ethalfluralin label for specific directions on use, recommendations, restrictions and any additional weeds not specified on this label.

**METRIBUZIN 75 WDG plus Ethalfluralin 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 Ethalfluralin.

Apply **METRIBUZIN 75 WDG** plus Ethalfluralin 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 "Product Information" section in the front of this label.

**Application:** Ethalfluralin must be uniformly applied and thoroughly mixed into the soil within 2 days after application. For specific application information, refer to the "Application" under "Product Information"

section in the front of this label.

**USE REMARKS: (METRIBUZIN 75 WDG plus Ethalfluralin):** For additional precautions, restrictions, limitations, incorporation, and sprayer cleanup information, refer to the appropriate sections of this label and the Ethalfluralin label.

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

	BROADCAST RATES	
SOIL TEXTURE	METRIBUZIN 75 WDG Lb/Acre	Ethalfluralin (3 lb ai / gallon) Pt/Acre
COARSE <sup>1</sup> (Sandy loam, loamy sand)	1/3	1-1/4 to 2
<b>MEDIUM</b> <sup>3</sup> (Loam, silt loam, silt, sandy clay, sandy clay loam)	1/2	1-3/4 to 2-1/2
<b>FINE<sup>3</sup></b> (Silty clay, silty clay loam <sup>2</sup> , clay, clay loam)	2/3	2-1/4 to 3

<sup>1</sup>Do not use on coarse soils with less than 1% organic matter.

<sup>2</sup>Silty clay loams soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.

<sup>3</sup>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 75 WDG** at rates of 1/3 lb/acre on medium soils and 1/3 to 1/2 lb/acre on fine soils regardless of soil organic matter percentage (use 1/2 lb only where soil pH is less than 7.5 and weed pressure is heavy). The 1/3 lb rate of **METRIBUZIN 75 WDG** in tank-mix combination with Ethalfluralin can be applied regardless of soil pH. For control of other weeds not listed on the label, use **METRIBUZIN 75 WDG** at full rates specified in the table above, **but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.** 

# METRIBUZIN 75 WDG plus TRIFLURALIN (e.g. TREFLAN<sup>®</sup> 4 EC Herbicide EPA Reg. No. 5905-532

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

**METRIBUZIN 75 WDG plus Trifluralin Tank-mix Application:** A single application of a tank-mix combination of **METRIBUZIN 75 WDG** and Trifluralin 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 must be well prepared and free of clods and trash.

This **METRIBUZIN 75 WDG** plus Trifluralin tank-mix combination may be applied and incorporated into the soil up to 10 days before planting.

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

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

Apply **METRIBUZIN 75 WDG** plus Trifluralin to the soil surface and incorporate in the same operation, if possible. Variable weed control may result from delayed incorporation if **METRIBUZIN 75 WDG** plus Trifluralin 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 75 WDG** plus Trifluralin thoroughly with the soil. Incorporation may be delayed up to 24 hours 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.

#### Incorporation Equipment:

- 1. Set PTO-driven equipment (tillers, cultivators, hoes) to cut 2 to 3 inches deep and space rotors to provide a clean sweep of the soil. PTO equipment must 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.
- 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:
- 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.

BROADCAST RATES		
SOIL TEXTURE	METRIBUZIN 75 WDG Lb Per Acre	Trifluralin (4 lb ai / gallon) Pt Per Acre
COARSE <sup>1</sup> (Sandy loam, loamy sand)	1/3	1
<b>MEDIUM</b> (Loam, silt loam, silt, sandy clay, sandy clay loam)	1/2	1-1/2
FINE (Silty clay, silty clay loam <sup>2</sup> , clay, clay loam) <sup>3</sup>	2/3	2

<sup>1</sup>Do not use on coarse soils with less than 1% organic matter.

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

<sup>3</sup>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 75 WDG** at rates of 1/3 lb/acre on medium soils and 1/3 to 1/2 lb/acre on fine soils regardless of soil organic matter percentage (use 1/2 lb only where soil pH is less than 7.5 and weed pressure is heavy). The 1/3 lb rate of **METRIBUZIN 75 WDG** in tank-mix combination with Trifluralin can be applied regardless of soil pH. For control of other weeds listed on the label use **METRIBUZIN 75 WDG** at full rates specified in the table above, **but note that** 

crop injury may occur on soils having a calcareous surface area or a pH of 7.5 or higher.

**USE REMARKS: (METRIBUZIN 75 WDG plus Trifluralin):** 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.

For additional precautions, restrictions, limitations and sprayer cleanup 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. Do not rotate any crop not listed on this label for 18 months after tank mix application.

#### METRIBUZIN 75 WDG plus METOLACHLOR or s-METOLACHLOR

**METRIBUZIN 75 WDG plus Metolachlor or s-Metolachlor Overlay Application:** Apply a preplant incorporated treatment of Metolachlor or *s*-Metolachlor as directed on that product label for use on soybeans. Follow with a preemergence treatment of **METRIBUZIN 75 WDG** as directed on this label for use on soybeans.

**METRIBUZIN 75 WDG Plus Metolachlor or s-Metolachlor Tank-mix Applications Preplant Incorporated Application:** Incorporate the tank-mixture into the top 2 inches of soil within 14 days before planting using a disk, harrow, rolling cultivator, or similar implement.

Apply **METRIBUZIN 75 WDG** plus Metolachlor or *s*-Metolachlor 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 75 WDG** plus Metolachlor or *s*-Metolachlor tank-mixture may reduce effectiveness. If weeds develop, cultivate uniformly with shallow tillage equipment such as a rotary hoe that will not damage soybeans.

Та	nk-mix Preemergence Applic 0.5% to 3% ORGANIC MATT	
SOIL TEXTURE	METRIBUZIN 75 WDG Lb/Acre	METOLACHLOR or s-METOLACHLOR (7.64 lbs / gallon) Pt/Acre
<b>COARSE</b> <sup>1</sup> (Loamy sand, sandy loam)	1/3	0.8
MEDIUM (Loam, silt loam, silt)	1/2	1
FINE (Silty clay loam <sup>2</sup> , sandy clay loam, silty clay, sandy clay, clay loam, clay)	2/3	1.3
MISSISSIPPI DELTA ONLY (Silty clay, clay)	1	1.3
	Over 3% ORGANIC MATTE	R
<b>COARSE</b> <sup>1</sup> (Loamy sand, sandy loam)	1/2	1
MEDIUM (Loam, silt loam, silt)	2/3	1.3
FINE (Silty clay loam <sup>2</sup> , sandy clay loam, silty clay, sandy clay, clay loam, clay)	2/3 to 5/6	1.3 to 1.7
MISSISSIPPI DELTA ONLY (Silty clay, clay)	1	1.3 to 1.7

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

<sup>b</sup> Do not use on sand soils. Do not apply **METRIBUZIN 75 WDG** and Metolachlor or *s*-Metolachlor overlay or tankmix preemergence on loamy sand with less than 2% organic matter.

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

BROADCAST RATES			
	DG plus METOLACHLOR or s-I		
	Preplant Incorporated Applica		
0.5% to	Less Than 3% ORGANIC MAT	TER	
SOIL TEXTURE	METRIBUZIN 75 WDG Lb/Acre	METOLACHLOR or s-METOLACHLOR (7.64 lbs / gallon) Pt/Acre	
<b>COARSE</b> <sup>1</sup> (Loamy sand, sandy loam)	1/3	0.8	
MEDIUM (Loam, silt loam, silt)	1/2	1	
<b>FINE</b> (Silty clay loam <sup>2</sup> , sandy clay loam, silty clay, sandy clay, clay loam, clay)	2/3	1.3	
MISSISSIPPI DELTA ONLY	2/3 to 5/6	1.3	

(Silty clay, clay)		
3%	or Greater ORGANIC MATTER	
<b>COARSE</b> <sup>1</sup> (Loamy sand, sandy loam)	1/3	1
MEDIUM (Loam, silt loam, silt)	1/2	1.3
FINE (Silty clay loam <sup>2</sup> , sandy clay loam, silty clay, sandy clay, clay loam, clay)	2/3	1.3 to 1.7
MISSISSIPPI DELTA ONLY (Silty clay, clay)	2/3 to 5/6	1.3 to 1.7

<sup>1</sup>Do not use on sand soils. Do not apply **METRIBUZIN 75 WDG** plus Metolachlor or *s*-Metolachlor tank-mix preplant incorporated on sand or loamy sand with less than 2% organic matter or crop injury may occur.

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

**USE REMARKS (METRIBUZIN 75 WDG and Metolachlor or s-Metolachlor):** For additional precautions, restrictions, limitations, and sprayer cleanup information refer to the appropriate sections of this label and the Metolachlor or *s*-Metolachlor label.

# METRIBUZIN 75 WDG plus PENDIMETHALIN (e.g. PROWL<sup>®</sup> H2O EPA Reg. No. 241-418)

**METRIBUZIN 75 WDG plus Pendimethalin Overlay Application:** Apply a preplant incorporated treatment of  $Prowl^{\textcircled{R}}$  as directed on that product label for use on soybeans. Follow with a preemergence treatment of **METRIBUZIN 75 WDG** as directed on this label for use on soybeans.

#### METRIBUZIN 75 WDG plus Pendimethalin 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 "Product 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 Pendimethalin. 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 must be firm and free of trash and clods.

For specific application information refer to the "Product Information" section in the front of this label. Do not apply Pendimethalin 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 "Product Information" section in the front of this label.

For information on applying **METRIBUZIN 75 WDG** in fluid or dry fertilizer refer to the "Application of **METRIBUZIN 75 WDG** in Fluid Fertilizers" or "Commercial Impregnation and Application of **METRIBUZIN 75 WDG** on Dry Bulk Fertilizer" under the "Product 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 75 WDG plus pendimethalin containing herbicides must not be used on soils with less than 2% organic matter in the coastal plain of New Jersey or the Delmarva Peninsula.

BROADCAST RATES METRIBUZIN 75 WDG plus Pendimethalin Tank-mix Applications			
SOIL TEXTURE	METRIBUZIN 75 WDG Lb/Acre	Pendimethalin (3.8 lbs ai / gallon) Pt/Acre	
COARSE <sup>1</sup> (Sandy loam, loamy sand)	1/3	1-1/2	
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)	1/2	1-1/2	
FINE (Silty clay, silty clay loam <sup>2</sup> , clay, clay foam)	2/3	1-1/2 to 2	

<sup>1</sup>Do not use on sand soils. Do not use on loamy sand or sandy loam containing less than 1% organic matter.

<sup>2</sup>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).

METRIBUZIN 7	BROADCAST RATES 5 WDG plus Pendimethalin Tank-m	ix Applications
	1/2 to 3% ORGANIC MATTER	
SOIL TEXTURE	METRIBUZIN 75 WDG Lb/Acre	Pendimethalin (3.8 lbs ai / gallon) Pt/Acre
<b>COARSE</b> <sup>1</sup> (Sandy loam, loamy sand)	1/3	1
MEDIUM (Loam, silt loam, sandy clay, sandy clay)	1/2	1-1/2 to 2
<b>FINE</b> (Silty clay, silty clay loam <sup>2</sup> , clay, clay loam)	1/2 to 2/3	1-1/2 to 2
	Over 3% ORGANIC MATTER	
<b>COARSE</b> <sup>1</sup> (Sandy loam, loamy sand)	1/2	1-1/2
MEDIUM (Loam, silt loam, sandy clay, sandy clay)	1/2 to 2/3	1-1/2 to 2
<b>FINE</b> (Silty clay, silty clay loam <sup>2</sup> , clay, clay loam)	2/3 to 5/6	2 to 2-1/2

<sup>1</sup>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. <sup>2</sup>Silty clay loam soils are tran<u>sitional soils and may be classified as medium textured soils in some regions of the U.S.</u>

Do not use on muck or peat soils.

**USE REMARKS: (METRIBUZIN 75 WDG plus Pendimethalin):** Soil incorporation deeper than directed will reduce weed control and can result in crop injury.

For additional precautions, restrictions, limitations, and sprayer cleanup information, refer to the appropriate sections of this label and the Pendimethalin label.

# METRIBUZIN 75 WDG plus CLOMAZONE (e.g. COMMAND<sup>®</sup> 3ME EPA Reg. No. 279-3158)

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

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

**Application: METRIBUZIN 75 WDG** plus Clomazone may only be applied with ground equipment as a preplant or shallow incorporated application. **METRIBUZIN 75 WDG** plus clomazone 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 1,000 feet of towns and subdivisions, commercial vegetable, fruit, nurseries or greenhouse operations.

A minimum of 15 gallons spray volume per acre must be used 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 Clomazone spray drift or vapors can cause foliar whitening or yellowing of some vegetation. Prior to application of Clomazone, read and strictly follow all precautions and application instructions as set forth in that label.

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

	WEEDS (	CONTROLLED	
Bristly Starbur	Galinsoga	Prickly Sida/Teaweed	Smartweed
Carpetweed	Jimsonweed	Purslane	Spurred Anoda
Copperleaf	Knotweed	Common Ragweed	Velvetleaf
Florida Beggarweed	Lambsquarters	Redweed	Venice Mallow
Florida Pusley	Pigweeds	Sesbania	Wild Mustards
Barnyardgrass* Bluegrass	Crabgrass*	Goosegrass Johnsongrass	Texas Panicum Witchgrass
Broadleaf Signalgrass	Foxtails (Green, Giant,	(seedling)* Fall Panicum*	
0 0	Yellow*, Robust Purple)		

Use 2 pt/A command * 4EC on coarse and medium textured sons with high populations of these weeds.

TANK MIX APPLICATIONS METRIBUZIN 75 WDG plus Clomazone Tank-mix Preplant Incorporated Application (Broadcast Rates) 0.5% to 3% ORGANIC MATTER					
SOIL TEXTURE <sup>1</sup> METRIBUZIN 75 WDG Lb/Acre Clomazone lbs ai /Acre					
<b>COARSE</b> <sup>2</sup> (Sandy loam, loamy sand)	1/3	0.75 - 1			
<b>MEDIUM</b> (Loam, silt loam, silt, sandy clay, sandy clay loam)	1/3 to 1/2	0.75 - 1			
FINE (Silty clay, silty clay loam <sup>3</sup> , clay, 1/3 to 1/2 0.75 - 1 clay loam)					
	Over 3% ORGANIC MATTER				
<b>COARSE</b> <sup>2</sup> (Sandy loam, loamy sand)	1/3	0.75 - 1			
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)	1/3 to 1/2	0.75 - 1			

<b>FINE</b> (Silty clay, silty clay loam <sup>3</sup> , clay, clay loam)	1/2 to 2/3	0.75 - 1	
<sup>1</sup> Crop injury may occur on soils having a calcareous surface area or a pH of 7.1 or higher.			
<sup>2</sup> Do not use on coarse soils with less than 1% organic matter.			
<sup>3</sup> Silty clay loam soils are transitional soils and may be classified as medium textured soils in some regions of the U.S.			

**USE RESTRICTIONS: (METRIBUZIN 75 WDG plus Clomazone):** 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 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.

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

# METRIBUZIN 75 WDG plus Clomazone plus a Grass Herbicide

**METRIBUZIN 75 WDG** may be applied with Clomazone and a grass herbicide such as (Trifluralin, Metolachlor, *s*-Metolachlor, Pendimethalin, or Ethalfluralin) for the control of certain broadleaf weeds and grasses in soybeans. This combination will provide improved control of heavy infestations of velvetleaf, jimsonweed and common ragweed. **METRIBUZIN 75 WDG** and Clomazone plus a grass herbicide may be applied preplant, incorporated broadcast. Consult the Clomazone, Trifluralin Metolachlor, *S*-Metolachlor, Pendimethalin or Ethalfluralin labels for specific directions for use, recommendations, restrictions and additional weeds controlled not specified on this label.

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

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

WEEDS CONTROLLED				
Annual Broadleaves				
Bristly Starbur	Knotweed	Ragweed, Common	Smartweed	
Carpetweed	Kochia	Redweed	Spotted spurge	
Copperleaf, Hophornbeam	Lambsquarters	Russian Thistle	Spurred Anoda	
Florida Beggarweed	Pigweeds	Sesbania	Velvetleaf	
Florida Pusley	Prickly Sida/Teaweed	Shepherdspurse	Venice mallow	
Galinsoga	Purslane	Sicklepod	Wild Mustard	
Jimsonweed				
Annual Grasses				
Barnyardgrass	Browntop Millet	Foxtails	Panicum, Fall	
Bluegrass	Crabgrass	Goosegrass	Witchgrass	
Broadleaf signalgrass	Crowfootgrass	Johnsongrass (seedling)	-	

**METRIBUZIN 75 WDG** and Clomazone plus Trifluralin, Metolachlor, *s*-Metolachlor, Pendimethalin or Ethalfluralin will provide suppression (reduce the competition) of cocklebur and sunflower.

TANK MIX APPLICATIONS METRIBUZIN 75 WDG plus Command <sup>®</sup> plus a Grass Herbicide (Broadcast Rates)			
SOIL TEXTURE			
Product	COARSE <sup>2</sup> MEDIUM FINE		
METRIBUZIN 75 WDG (Lb/Acre)         1/3         1/3 to 1/2 <sup>3</sup> 1/2 to 2/3 <sup>3</sup>			

Clomazone (3 lbs ai / gallon) (Pt/Acre)	1/2 to 3/4	1/2 to 3/4	1/2 to 3/4
Trifluralin (4 lbs ai / gallon) (Pt/Acre)	1	1-1/2	2
Metolachlor, <i>s</i> -Metolachlor (7.64 lbs ai / gallon) (Pt/Acre)	0.8 to 1	1 to 1.3	1.3 to 1.7
Pendimethalin (3.8 lbs ai / gallon) (Pt/Acre)	1-1/2	1-1/2 to 2	1-1/2 to 2-1/2
Ethalfluralin (3 lbs ai / gallon) (Pt/Acre)	1-1/4 to 2	1-3/4 to 2-1/2	2-1/4 to 3

<sup>1</sup>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.

<sup>2</sup>The higher rate of **METRIBUZIN 75 WDG** may be used for the control of sicklepod and hemp sesbania. Use the lower rate of **METRIBUZIN 75 WDG** 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 may be used under moderate to heavy weed infestations.

# METRIBUZIN 75 WDG plus Imazaquin plus a Grass Herbicide

**METRIBUZIN 75 WDG** may be applied with Imazaquin herbicide and a grass herbicide such as (Trifluralin, Metolachlor, *s*-Metolachlor, Pendimethalin, or Ethalfluralin) for the control of certain broadleaf weeds and grasses in soybeans. **METRIBUZIN 75 WDG** and Imazaquin plus Trifluralin or Ethalfluralin may be applied preplant, incorporated broadcast. **METRIBUZIN 75 WDG** and Imazaquin plus Metolachlor, *S*-Metolachlor or Pendimethalin may be applied preplant incorporated, preemergence broadcast or in a band application. Consult the Imazaquin, Trifluralin, Ethalfluralin, Metolachlor, s-Metolachlor or Pendimethalin labels for specific directions for use, recommendations, restrictions, and additional weeds controlled not specified on this label

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

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

**Weeds Controlled: METRIBUZIN 75 WDG** plus Imazaquin plus Trifluralin, Metolachlor, *S*- Metolachlor, Pendimethalin or Ethalfluralin will control the following broadleaf weeds and grasses:

Annual Broadleaves			
Bristly Starbur	Galinsoga	Prickly Sida/Teaweed	Smartweed
Buffalobur	Jimsonweed	Purslane	Spotted spurge
Carpetweed	Knotweed	Ragweed,	Spurred Anoda
Cocklebur	Kochia	Common	Sunflower
Coffee Senna	Lambsquarters	Russian Thistle	Velvetleaf
Copperleaf, Hophornbeam	Morningglory, pitted	Sesbania Shepherdspurse	Venice mallow Wild
Florida Beggarweed	Morningglory, smallflower	Sicklepod	Mustards
Florida Pusley	Pigweeds		
Annual Grasses			
Barnyardgrass	Browntop Millet	Foxtails	Panicum, Fall
Bluegrass	Crabgrass	Goosegrass	Witchgrass
Broadleaf signalgrass	Crowfootgrass	Johnsongrass (seedling)	

**METRIBUZIN 75 WDG** and Scepter plus Trifluralin, Metolachlor, *s*-Metolachlor, Pendimethalin or Ethalfluralin will suppress (reduce the competition of) ivyleaf and tall morningglory, and red rice.

METRIBUZIN 75 WDG plus Imazaquin plus a Grass Herbicide (Broadcast Rates)				
	SOIL TEXTURE <sup>1</sup>			
Product	COARSE <sup>2</sup> MEDIUM FIN			
METRIBUZIN 75 WDG (Lb/Acre)	1/3	1/3 to 1/2 <sup>2</sup>	1/2 to 2/3 <sup>2</sup>	
Imazaquin (e.g. Scepter 70 DG <sup>3</sup> EPA Reg. No. 241-306)	1.4 to 2.1	1.4 to 2.1	1.4 to 2.1	

Oz/A)			
Trifluralin (4 lbs ai / gallon) (Pt/Acre)	1	1-1/2	2
Metolachlor, s-Metolachlor (7.64 lbs ai / gallon) (Pt/Acre)	0.8 to 1	1 to 1.3	1.3 to 1.7
Pendimethalin (3.8 lbs ai / gallon) (Pt/Acre)	1-1/2	1-1/2 to 2	1-1/2 to 2-1/2
Ethalfluralin (3 lbs ai / gallon) (Pt/Acre)	1-1/4 to 2	1-3/4 to 2-1/2	2-1/4 to 3

<sup>1</sup>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.

<sup>2</sup>The higher rate of **METRIBUZIN 75 WDG** may be used for preemergence tank-mix application and for the control of sicklepod and hemp sesbania. Use the lower rate of **METRIBUZIN 75 WDG** 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 may be used under moderate to heavy weed infestations.

# METRIBUZIN 75 WDG plus Imazethapyr ammonium salt plus a Grass Herbicide

**METRIBUZIN 75 WDG** may be tank-mixed with imazethapyr herbicide and a registered and recommended grass herbicide such as (Trifluralin, Metolachlor, *s*-Metolachlor, Pendimethalin, or Ethalfluralin) for control of certain broadleaf and grass weeds in soybeans. Refer to the product labels for ammonium salt of Imazethapyr, Metolachlor, *s*-Metolachlor, Pendimethalin, Ethalfluralin or Trifluralin for additional directions for use, recommendations, restrictions and limitations not included on this label.

Tank-mix combinations of **METRIBUZIN 75 WDG**, ammonium salt of Imazethapyr, Metolachlor, *s*-Metolachlor, or Pendimethalin can be applied broadcast preemergence or preplant incorporated. When the grass herbicide used is Ethalfluralin or Trifluralin, apply the tank-mix broadcast preplant incorporated.

**Mixing and Application:** Refer to the "Product Information" section of this label for directions on mixing and application of **METRIBUZIN 75 WDG**.

TANK MIX APPLICATIONS METRIBUZIN 75 WDG plus Imazethapyr ammonium salt plus a Grass Herbicide*				
SOIL TEXTURE METRIBUZIN 75 WDG Lb/Acre ammonium salt of Imazethapyr Rate				
COARSE	1/3	(refer to product label for use rates)		
MEDIUM	2/5 to 1/2	(refer to product label for use rates)		
FINE 1/2 to 2/3 (refer to product label for use rates)				
*For control of grass weeds, include Metolachlor, <i>s</i> -Metolachlor, Pendimethalin, Ethalfluralin and Trifluralin at label				
rates in the tank-mix with METRIBUZIN 75 WDG and ammonium salt of Imazethapyr 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 ammonium salt of Imazethapyr herbicide label for restrictions on use area and rotational crops.

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

# METRIBUZIN 75 WDG plus LINURON plus (Metolachlor or s-Metolachlor)

**METRIBUZIN 75 WDG plus Linuron plus (Metolachlor or s-Metolachlor) Tank-mix Application: METRIBUZIN 75 WDG** may be applied in combination with Linuron herbicide and Metolachlor or *s*-Metolachlor as a preemergence application for the control of certain weeds in soybeans. Consult the Linuron, Metolachlor or *s*-Metolachlor labels for specific directions for use, specifications, restrictions and any additional weeds not specified on this label.

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

METRIBUZIN 75 WDG plus Linuron plus (Metolachlor or <i>s</i> -Metolachlor) Broadcast Rates (0.5 to 3% Organic Matter Only)					
	SOIL TEXTURE				
Product	COARSE <sup>1</sup> (Sandy, loamy sand, sandy loam) MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam) FINE (Silty clay, silt) clay loam, clay, clay loam)				
METRIBUZIN 75 WDG (Lb/Acre)	1/6 to 1/4	1/4 to 1/3	1/3 to 1/2		
Linuron	Refer to product label	Refer to product label	Refer to product label		
Metolachlor, <i>s</i> -Metolachlor (7.64 lbs ai / gallon) (Pt/Acre)	0.7 to 0.8 0.8 to 1 1 to 1.3				

<sup>1</sup>Do not use **METRIBUZIN 75 WDG** plus Linuron plus (Metolachlor or *s*-Metolachlor) 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 75 WDG plus Linuron plus [Metolachlor or** *s***- Metolachlor]):** For additional precautions, restrictions, limitations, and sprayer cleanup information, refer to the appropriate sections of this label and the Linuron label and the Metolachlor or *s*-Metolachlor 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 75 WDG herbicide may be applied alone or in combination with Trifluralin, Metolachlor or *s*-Metolachlor 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 Trifluralin, Metolachlor or *s*-Metolachlor label for specific directions for use, recommendations, restrictions and any additional weeds not specified on this label.

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

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

METRIBUZIN 75 WDG (Alone) Preemergence Application (Broadcast Rates)					
SOIL TEXTURE ORGANIC MATTER METRIBUZIN 75 WDG Lb/Acre					
COARSE (LIGHT) SOILS Sand <sup>1</sup> , 0.5% or Above 1/3 to 1/2 <sup>2</sup>					
<sup>1</sup> Do not use on sand with less than 1% organic matter.					

<sup>2</sup>Use the higher rate under heavy weed pressures and/or on soils higher in organic matter.

**METRIBUZIN 75 WDG in Combination with Other Herbicides: METRIBUZIN 75 WDG** may be used in a tank-mix combination with Trifluralin as a preplant incorporated application or as a preemergence overlay application following a preplant incorporated application of Trifluralin. **METRIBUZIN 75 WDG** may also be used for use as a preemergence application in combination with Metolachlor or *s*-Metolachlor.

FOR USE IN COARSE (LIGHT) SOILS 0.5% or Above ORGANIC MATTER (Broadcast Rates)				
SOIL TEXTURE Combination Product/Acre Plus METRIBUZIN 75 WDG Lb/Acre				
COARSE (LIGHT) SOILS	<b>Preplant Incorporated</b> Trifluralin (4 lb ai / gallon) 1 pt	Plus	1/3 to 1/2 <sup>2</sup>	
Sand , Loamy sand, Sandy Preemergence				

loam	Metolachlor or <i>s</i> -Metolachlor (7.64 lbs ai / gallon) 0.8 to 1 pt	Plus	1/3 to 1/2 <sup>2</sup>		
<sup>1</sup> Do not use on sand with less than 1% organic matter.					
<sup>2</sup> 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 cleanup information, refer to the appropriate sections of this label and the Trifluralin, Metolachlor, or *s*-Metolachlor labels.

# **BURNDOWN WEED CONTROL - Field Corn and Soybeans**

**METRIBUZIN 75 WDG** can be used as part of an herbicide program for burndown of existing vegetation prior to crop emergence in conservation tillage systems. **METRIBUZIN 75 WDG** may be tank-mixed with 2,4-D (ethylhexyl ester), Paraquat, or Glyphosate for control of emerged weeds prior to field corn or soybean emergence. **METRIBUZIN 75 WDG** tank-mixes with 2,4-DB, Fluazifop-P-butyl, Fenoxaprop, Sethoxydim or Clethodim may also be used in soybeans for control of emerged weeds prior to crop emergence. **METRIBUZIN 75 WDG** 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 allowed states.

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

METRIBUZIN 75 WDG BURNDOWN RATES FIELD CORN AND SOYBEANS				
CROPS	APPLICATION TIMING	METRIBUZIN 75 WDG RATE (OZ/A)		
Field corn Iowa	Preplant (0 to 30 days)			
Kansas Missouri Nebraska South Dakota	Preemergence	2 to 5-1/3		
Field corn Illinois	Preplant (10 to 30 days)	2 to 5-1/3		
Indiana Kentucky	Preplant (0 to 9 days)			
Michigan Minnesota Ohio Wisconsin	Preemergence	2 to 4		
Soybeans	Preplant (0 to 30 days) Preemergence	2 to 5-1/3		

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 "Product Information" section of this label for additional information, precautions, and limitations.

#### Field Corn:

- 1. Do not apply on coarse textured soils with less than 1.5% organic matter.
- 2. Do not apply more than 4 oz of **METRIBUZIN 75 WDG** 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 5-1/3 ounces **METRIBUZIN 75 WDG** (0.25 pound active ingredient) per acre per growing season.
- 5. Corn seed must be planted a minimum of 1-1/2 inches deep.
- 6. **METRIBUZIN 75 WDG** may only be used in hybrid seed corn production fields if both inbred parents are known to be tolerant to **METRIBUZIN 75 WDG**.

#### Soybeans:

- 1. Apply only 2,4-D (ethylhexyl ester) low volatile ester formulations which are registered and labeled for preplant or burndown use in soybeans.
- 2. Do not apply tank-mixtures containing 2,4-D EHE 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 75 WDG** may be harvested for silage or grain 60 days after treatment. Soybean vines or hay treated with **METRIBUZIN 75 WDG** may be grazed or fed to livestock 40 days after application. Do not feed hay, forage, fodder or graze 2,4-D, Clethodim, or Fluazifop-P-butyl or Fenoxaprop treated vegetation. Follow the most restrictive preharvest interval of all products used in a tank-mixture.

METRIBUZIN 75 WDG PLUS TANK-MIX PARTNER BURNDOWN RATES - FIELD CORN OR SOYBEANS			
PRODUCT	RATE	DIRECTIONS AND REMARKS	
METRIBUZIN 75 WDG +	2 to 5-1/3 oz/A* +	In soybeans, apply at least 7 days preplant when using 2,4-D LVE at 1/4 to 1/2 lb ai/A and at least 30 days preplant with rates greater than 1/2 lb ai/A. Include crop oil concentrate (COC) at the rate of 1 gal/100 gal of spray solution (1% v/v).	
2,4-D EHE	1/4 to 1 lb ai/A	In corn, apply at least 7 days preplant or at least 3 days after planting but before corn emergence.	
METRIBUZIN 75 WDG +	2 to 5-1/3 oz/A* +	Must be applied prior to crop emergence. Use 32 to 48 fluid ounces of Paraquat (2 lb ai / gallon) for weeds less than 4 inches in height and 48 to 64 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	
Paraquat (2 lb ai / gallon)	32 to 64 oz/A	(0.25% v/v) or crop oil concentrate at 1 gallon per 100 gallons (1% v/v) of spray solution.	
METRIBUZIN 75 WDG +	2 to 5-1/3 oz/A* +	For this tank mix follow the Directions and Remarks Sections above for <b>METRIBUZIN 75 WDG</b> + 2,4-D EHE and <b>METRIBUZIN 75 WDG</b> + Paraquat (2 lb ai / gallon), paying special attention to crop planting restrictions	
Paraquat (2 lb ai / gallon) +	32 to 64 oz/A	with 2,4-D EHE. Include either nonionic surfactant or crop oil concentrate in this tank mix.	
2,4-D EHE	+ 1/4 to 1 lb ai/A		
METRIBUZIN 75 WDG +	2 to 5-1/3 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 Glyphosate, 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 Glyphosate, include ammonium sulfate (spray grade) at 17 pounds per 100	
Glyphosate (4 lb ai / gallon)	12 to 24 fl oz/A or 8 to 16 fl oz/A	gallons of spray solution. Any glyphosate formulation registered and labeled for use in field corn or soybeans may be tank-mixed with <b>METRIBUZIN 75</b> <b>WDG</b> .	
METRIBUZIN 75 WDG	2 to 5-1/3 oz/A*	For this tank-mix follow the Directions and Remarks Sections above for <b>METRIBUZIN 75 WDG</b> + 2,4-D EHE and <b>METRIBUZIN 75 WDG</b> +	

METRIBUZIN 75 WDG PLUS TANK-MIX PARTNER BURNDOWN RATES - FIELD CORN OR SOYBEANS				
PRODUCT	RATE	DIRECTIONS AND REMARKS		
+	+	Glyphosate, paying special attention to planting restrictions with 2,4-D EHE.		
Glyphosate (4 lb ai /		Use the adjuvant recommendations under the METRIBUZIN 75 WDG +		
gallon)	12 to 24 fl oz/A or	Glyphosate tank mix. Do not use crop oil concentrate.		
+	8 to 16 fl oz/A			
2,4-D EHE				
	+			
	1/4 to 1 lb ai/A			
* If applied to field co	rn grown in Illinois,	Indiana, Kentucky, Michigan, Minnesota, Ohio and Wisconsin, refer to Table		

\* If applied to field corn grown in Illinois, Indiana, Kentucky, Michigan, Minnesota, Ohio and Wisconsin, refer to Table 1 for correct **METRIBUZIN 75 WDG** rate based on application timing.

METRIBUZ	IN 75 WDG PLUS	TANK-MIX PARTNER BURNDOWN RATES - SOYBEANS ONLY
PRODUCT	RATE	DIRECTIONS AND REMARKS
METRIBUZIN 75	2 to 5-1/3 oz/A	Apply preplant or before soybean emergence. Include nonionic surfactant at
WDG	+	2 quarts per 100 gallons (0.5% v/v) of spray solution.
+	1/8 to 7/32 lb ai/A	
2,4-DB		
METRIBUZIN 75	2 to 5-1/3 oz/A	For use <b>only</b> in Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky,
WDG +		Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio,
Fluazifop-P-butyl /	+	Pennsylvania, South Dakota, Virginia, West Virginia, and Wisconsin. For this
Fenoxaprop	4 to 8 fl oz/A	tank mix follow the planting restrictions under the Directions and Remarks
mixture		Section above for <b>METRIBUZIN 75 WDG</b> + 2,4-D EHE.
2,4-D EHE	<b>_</b>	Fluazifop-P-butyl (2 lb ai / gallon) / Fenoxaprop (0.56 lbs ai / gallon) mixture
Z,4-D EHE	1/4 to 1 lb ai/A	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 gallons (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 75	2 to 5-1/3 oz/A	For this tank mix follow the planting restrictions under the Directions and
WDG +		Remarks Section above for <b>METRIBUZIN 75 WDG</b> + 2,4-D LVE. The 8 and
Sethoxydim (1 lb	+	12 fl oz rate of Sethoxydim (1 lb ai / gallon) will control certain grasses up to
ai / gallon)	8 to 16 fl oz/A	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
2,4-D EHE	+ 1/4 to 1 lb oi/A	1 pint per acre. Refer to the Sethoxydim label for additional information.
METRIBUZIN 75	1/4 to 1 lb ai/A	For this tank mix follow the planting restrictions under the Directions and
WETRIBUZIN 75 WDG +	2 to 5-1/3 oz/A	For this tank mix follow the planting restrictions under the Directions and Remarks Section above for <b>METRIBUZIN 75 WDG</b> + 2,4-D EHE. The 3 and
Clethodim	+	4 fluid ounce rates of Clethodim (2 lb ai / gallon) will control certain grasses
+	3 to 4 fl oz/A	up to 3 and 4 inches in height, respectively. Include crop oil concentrate at
2,4-D EHE	5 to 4 ii 02/A	the rate of 1 quart per acre and 28% UAN (urea ammonium nitrate) at a rate
2,10 2112	+	of 1 to 2 quarts per acre. Refer to the Select label for additional information.
	1/4 to 1 lb ai/A	
	1,1 10 1 10 01/11	1

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

WEEDS CONTROLLED BY BURNDOWN RATES OF METRIBUZIN 75 WDG									
		METRIBUZIN 75 WDG plus							
WEEDS CONTROLLED	2,4-D EHE	Poast Plus + 2,4-D EHE	Clethodi m + 2,4-D EHE	Fluazifo p-P- butyl/Fe noxapro p + 2,4-D EHE	Glyphosate	Glyphosate + 2,4-D EHE	Paraquat	Paraquat + 2,4-D EHE	2,4-DB
ANNUAL GRASS	ES	S MAXIMUM BURNDOWN HEIGHT (INCHES)							
Barley	Does not	-	-	-		8	41	to 6	Does not
Barnyardgrass	control	2 to 3	3 to 4	-		6	4 1	to 6	control
Crabgrass spp.	these	2 to 3	-	-		6	41	to 6	these
Foxtail spp.	species	2 to 3	3 to 4	2 to 6		8	4	to 6	species

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,				6	4 to 6	
volunteer	-	-	-	8	4 10 0	
Witchgrass	2 to 3	-	-	6	4 to 6	

BROADLEAVES		MAXIMUM B	URNDOWN	HEIGHT (INC	HES)	
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 <sup>a</sup>	2 dia <sup>b</sup>	6 dia <sup>a</sup>	4 dia <sup>d</sup>	6 dia <sup>a</sup>	2 dia
Henbit	4	4	4	4 to 6	4 to 6	-
Horseweed/ marestail	6 <b>ac</b>	4b	6	3	6 <b>a</b>	2 <b>c</b>
Jimsonweed	6	6	6	4 to 6	4 to 6	2
Kochia*	4ac	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	- 1
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 <b>b</b>	8	4 to 6	4 to 6	2
Ragweed, giant	6 <b>ac</b>	4b	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 <b>ac</b>	2 to 4 <b>bc</b>	6	4	4 to 6	з <b>с</b>
Velvetleaf	6	6	8	4 to 6	4 to 6	3
Waterhemp spp.	6	6	8	4 to 6	4 to 6	3

<sup>a</sup>Use 2,4-D LVE at 0.5 pound active ingredient per acre. <sup>b</sup>Use a minimum Glyphosate (4 lb ai / gallon) rate of 16 fl oz/A. <sup>c</sup>Use **METRIBUZIN 75 WDG** at 4 oz/A for optimum control.

**d**Suppression only. \*Does not control triazine resistant biotypes.

**RESIDUAL WEED CONTROL** 

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

For residual control, **METRIBUZIN 75 WDG** burndown programs may include tank-mixes with the following herbicides or combination of herbicides:

Field Corn			
Atrazine Acetochlor Dicamba		Pendimethalin Imazethapyr ammonium salt	
Dimethanamid	Linuron Metolachlor s-Metolachlor	Simazine	
<sup>a</sup> Use only on Imazethapyr	ammonium salt resistan	t/tolerant corn hybrids.	
Soybeans			
Chlorimuron-ethyl	Prodiamine	Pendimethalin	
Clomazone	Isoxaben	Imazethapyr ammonium salt	
Saflufenacil	Linuron	Imazaquin	
METRIBUZIN 75 WDG <sup>b</sup>	Metolachlor s-Metolachlor		
<sup>b</sup> METRIBUZIN 75 WDG us	sed (alone and in tank-n	nixes) on soybeans at higher labeled rates than those listed for	r

"METRIBUZIN 75 WDG 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 75 WDG and METRIBUZIN 75 WDG Tank-mix Combinations" section of the METRIBUZIN 75 WDG label.

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

# SOUTHERN AND SOUTHEASTERN STATES ONLY

#### POSTEMERGENCE DIRECTED SPRAY APPLICATIONS

**METRIBUZIN 75 WDG** 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 75 WDG** can be applied to soybeans in addition to a preemergence or preplant application of **METRIBUZIN 75 WDG** herbicide according to label directions.

**WEEDS CONTROLLED: METRIBUZIN 75 WDG**, 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:

	1/3 Lb/	Acre	
Carpetweed	Dayflower	Pigweeds	Sicklepod
(Mollugo verticillata)	(Commelina spp.)	(Amaranthus spp.)	(Cassia obtusifolia)
Cocklebur	Florida beggarweed	Purslane	Velvetleaf
(Xanthium pensylvanicum)	(Desmodium tortuosum)	(Portulaca oleracea)	(Abutilon theophrasti)
Crabgrass	, , , , , , , , , , , , , , , , , , ,		
( <i>Digitaria</i> spp.)	(Caperonia castaniifolia)		
	1/3 to 2/3	Lb/Acre	
Prickly sida/Teaweed	Sesbania		
(Sida spinosa)	(Sesbania spp.)		
	2/3 Lb/	Acre	
Ragweed, common			
(Ambrosia artemisiifolia)			

At the rate of 2/3 lb/acre morningglory species, (*Ipomoea* spp.) horsenettle, (*Solanum* spp.) Florida pusley, (*Richardia scabra*) spotted spurge (*Euphorbia maculata*) and wild poinsettia (*Euphorbia heterophylla*) are

suppressed when **METRIBUZIN 75 WDG** is applied before these weeds are 3 inches tall. The 2/3 lb/acre rate will suppress broadleaf signalgrass (*Brachiaria platphylla*) up to 1 inch tall.

METRIBUZIN 75 WDG POSTEMERGEN	CE DIRECTED SPRAY APPLICATIONS

CROP	METRIBUZIN 75 WDG Lb/Acre
Soybeans	
(Alabama, Arkansas, Florida, Georgia, Kentucky,	1/3 to 2/3 (Broadcast Basis)
Louisiana, Mississippi, Missouri, North Carolina,	
Oklahoma, South Carolina, Tennessee and Texas)	

Apply proper dosage using 10 to 40 gallons of water per acre as a directed spray in a 6 to 8 inch band on each side of the row after soybeans are 8 inches tall and before broadleaf weeds are 3 inches tall and before grasses and common ragweed are 1 inch tall. For best results the spray must cover weed foliage with minimum or no contact with soybean foliage. Add a nonionic surfactant to the spray mixture to obtain better wetting of weed leaf surfaces. To determine the correct dosage of **METRIBUZIN 75 WDG** for a band application see "Banded Application" under the "Product 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 1/4 to 1/3 of soybean plants. Soybean leaves contacted by the spray will be killed.

Do not apply **METRIBUZIN 75 WDG** 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 75 WDG** herbicide may be used for use in ground, aircraft or specified chemigation equipment as a preemergence and/or postemergence application to potatoes. Early maturing smooth skinned white and all red skinned varieties may be injured with postemergence applications. The varieties Atlantic, Bellchip, Centennial, Chipbelle and Shepody are sensitive to **METRIBUZIN 75 WDG**. 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 75 WDG** may be used 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 75 WDG** may be applied in aerial spray equipment as a preemergence and/or postemergence application at 5 or more gallons per acre.

**Chemigation: METRIBUZIN 75 WDG** may be applied preemergence and/or early postemergence to potatoes using center pivot, solid set and lateral roll systems. Apply specified dosage in 1/4 to 3/4 inch of water per acre (1/4 to 1/2 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 75 WDG** has been flushed from the lines before shutting down the system.

#### WEEDS CONTROLLED

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

Broadleaves				
Cocklebur, common <sup>1,2</sup> Jimsonweed <sup>1</sup>	Mustard, tansy <sup>1</sup> Mustard, tumble <sup>1</sup> Mustard, wild <sup>1</sup>	Pigweed, redroot <sup>1,2</sup> Pigweed, smooth <sup>1,2</sup> Ragweed, common <sup>1,2</sup> Shepherdspurse <sup>1</sup> Sicklepod <sup>1</sup>	Smartweed, Pennsylvania <sup>1,2</sup> Sunflower, common <sup>3</sup> Thistle, Russian <sup>2</sup>	
Grasses				
Barnyardgrass <sup>3</sup>	Foxtail, giant <sup>1</sup>	Foxtail, yellow <sup>1</sup>	Panicum, fall <sup>1</sup>	
Crabgrass, large <sup>1</sup>	Foxtail, green <sup>1</sup>	Johnsongrass, seedling <sup>1</sup>	Signalgrass, broadleaf <sup>1</sup>	
Crabgrass, smooth <sup>1</sup>				
<sup>1</sup> Weeds controlled with preemergence applications.				
<sup>2</sup> Weeds controlled with postemergence applications.				
<sup>3</sup> Weeds requiring two applications for control.				

#### HARD-TO-CONTROL WEEDS

Although **METRIBUZIN 75 WDG** 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		
Kochia	Purslane, common	Barnyardgrass
Nightshade, hairy	Sunflower, common	Nutsedge, yellow
NOTE: Where triazine-resistant weeds are present, METRIBUZIN 75 WDG alone may not provide adequate control.		

BROADCAST APPLICATIONS				
METRIBUZIN 75 WDG lb/acre				
1/3 to 1-1/3				
PREEMERGENCE: Apply specified dosage as a broadcast spray. Do not mechanically incorporate into soil. Use the				
1/3 to 2/3 lb/acre rate for control of wild mustard ( <i>Brassica</i> sp.) only. On sand soils or sensitive varieties, do not exceed 2/3 lb/acre.				
1/3 to 2/3				
POSTEMERGENCE: Apply specified dosage as a broadcast spray over the tops of potato plants [Refer to Special				
Precautions (Potatoes)]. Use rates of 1/3 to 2/3 lb/acre for control of redroot pigweed and common lambsquarters only.				
Apply the 2/3 lb/acre rate for control of other weeds listed on this label.				
SPLIT APPLICATIONS: This product may be applied once preemergence and once postemergence as directed above				
[Refer to Special Precautions (Potatoes)]. Do not exceed 1-1/3 lb total per acre per season. IDAHO, OREGON AND				
WASHINGTON ONLY: Two postemergence applications can be made as broadcast sprays over the tops of potate				
plants if METRIBUZIN 75 WDG is applied preemergence. Use 1/3 to 2/3 lb/acre for control of redroot pigweed and				
lambsquarters only. On coarse (sandy) soils with low organic matter do not exceed 1/2 lb/acre per application. Or				
medium and heavy soils only, use 2/3 lb/acre per application for control of other weeds listed on this label and fo				
suppression of hairy nightshade. Make the first application early in the season while weeds are still small. Allow at leas				
14 days before the second application. Do not apply after June 30 if treated land is to be planted to crops other than				

potatoes.

**TANK-MIXES: METRIBUZIN 75 WDG** may be tank-mixed with the following herbicides: Metolachlor, *s*-Metolachlor, EPTC, Pendimethalin and Rimsulfuron. In addition, three-way tank-mix combinations may be used for **METRIBUZIN 75 WDG** plus Metolachlor, *s*-Metolachlor, EPTC or Pendimethalin plus Rimsulfuron when applied preemergence. Refer to each product's label for precautionary statements, restrictions, application information and weeds controlled.

**Metolachlor or s-Metolachlor: METRIBUZIN 75 WDG** may be applied in a tank-mix combination with Metolachlor or s-Metolachlor as a preemergence broadcast application. Apply **METRIBUZIN 75 WDG** at 1/2 to 1-1/3 lbs and Metolachlor or s-Metolachlor at 1 to 2 pints per acre according to the respective labels for use of each product alone on potatoes.

**EPTC<sup>®</sup>: METRIBUZIN 75 WDG** may be tank-mixed with EPTC at rates and uses permitted on each product's label.

**Pendimethalin (3.3 lb ai / gallon): METRIBUZIN 75 WDG** may be applied in tank-mix combination with Pendimethalin as a preemergence or early postemergence broadcast application. As a preemergence mix, apply **METRIBUZIN 75 WDG** at 2/3 to 1-1/3 lbs and Pendimethalin (3.3 lb ai / gallon) at 1.2 to 3.6 pints per acre. As an early postemergence spray, apply **METRIBUZIN 75 WDG** at 1/3 to 2/3 lb and Pendimethalin (3.3 lb ai / gallon) at 1.2 to 3.6 pints per acre before the crop is in the 6-inch growth stage.

**Rimsulfuron**<sup>®</sup> (except the following counties in Colorado: Almosa, Conejos, Costillo, Rio Grande and Saguache): **METRIBUZIN 75 WDG** may be applied in tank-mix combination with Rimsulfuron as a preemergence and/or early postemergence application for improved control on weeds such as Russian thistle, kochia and common lambsquarters. As a preemergence mix, apply **METRIBUZIN 75 WDG** at 1/3 to 3/4 lb and Rimsulfuron at 1 to 1-1/2 oz product per acre. As an early postemergence spray, apply **METRIBUZIN 75 WDG** at 1/3 to 2/3 lb and Rimsulfuron at 1 to 1-1/2 oz product per acre. Use a nonionic surfactant at a rate of 0.125% v/v (1 pt/100 gallons of water). Apply before the crop exceeds 14 inches in height. Postemergence applications of Rimsulfuron treatments must be made prior to June 30.

#### **RESTRICTIONS (Potatoes):**

- Do not use **METRIBUZIN 75 WDG** on potatoes in Kern County, California.
- Do not apply more than a total of 1-1/3 lbs **METRIBUZIN 75 WDG** 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, or 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 75 WDG for the first time on a particular variety, always determine crop tolerance before using on a field scale.
- Do not apply **METRIBUZIN 75 WDG** 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 75 WDG** application.
- Do not rotate any crop not listed on this label for 18 months following application of **METRIBUZIN 75 WDG**.

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

- 1. Potato vines left in rows as a result of harvest must be uniformly distributed over the soil surface prior to plowing and,
- 2. Plow with a moldboard plow to a depth sufficient to mix the upper 8 inches of soil.

# ALFALFA AND SAINFOIN

METRIBUZIN 75 WDG 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 Paraquat (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 75 WDG** 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 75 WDG** may be used 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 "Product Information" in the front of this label for detailed information on the application of **METRIBUZIN 75 WDG**. For information on applying **METRIBUZIN 75 WDG** in fluid or on dry fertilizer refer to the "Application of **METRIBUZIN 75 WDG** in Fluid Fertilizers" or "Commercial Impregnation and Application of **METRIBUZIN 75 WDG** on Dry Bulk Fertilizer" under the "Product Information" section of this label.

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

Do not graze or harvest within 28 days after application.

For best weed control, apply **METRIBUZIN 75 WDG** when weeds are less than 2 inches tall or before weed foliage is 2 inches in diameter.

Reduced weed control may occur when extended dry conditions follow application of **METRIBUZIN 75 WDG**.

#### Crop injury may occur when:

- 1. Crop is under stress conditions such as diseases, insect infestations, poorly drained soils, drought or winter injury at time of application;
- 2. Crop is treated within 12 months after seeding;
- 3. There is excessive irrigation or rainfall immediately after application. Do not apply more than 1/2 inch of water in the first irrigation after **METRIBUZIN 75 WDG** is applied.

ALFALFA AND SAINFOIN (All Areas Except California)		
BROADCAST APPLICATIONS		
CROP METRIBUZIN 75 WDG Lb/Acre		
Alfalfa and Sainfoin (Except California) 1/3 to 1-1/3		
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 2/3 lb of <b>METRIBUZIN 75 WDG</b> per acre.		

#### FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES

Rates of 2/3 to 1 lb of **METRIBUZIN 75 WDG** per acre will provide partial reduction of forage grass stands. These rates may be used to reduce forage grass stands to prevent crowding out of alfalfa. Higher rates will severely reduce forage grass stands.

**METRIBUZIN 75 WDG** must not be used on sand soils. In areas west of the Rocky Mountains, avoid using **METRIBUZIN 75 WDG** 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)			
1/3 to 1/2 Lb METRIBUZIN 75 WDG/Acre			
Chickweed, Common			

(Stellaria media)			
· · · · · · · · · · · · · · · · · · ·	1/2 to 2/3 Lb METF	RIBUZIN 75 WDG/Acre	·
Cheat	Downy brome	Pennycress	Shepherdspurse
(Bromus secalinus)	(Bromus tectorum)	(Thlaspi arvense)	(Capsella bursa pastoris)
Deadnettle, Purple	Japanese brome	Rescuegrass	
(Lamium purpureum)	(Bromus japonicus)	(Bromus catharticus)	
	2/3 to 1-1/3 Lb MET	RIBUZIN 75 WDG/Acre	
Broadleaves			
Fleabane, Rough	Lambsquarters, Common	Mustard, Jim Hill (tumble)	Prickly Lettuce
(Erigeron strigosus)	(Chenopodium album)	(Sisymbrium altissimum)	(Lactuca serriola)
Flixweed	Marestail (Horseweed)	Mustard, Tansy	White Cockle
(Descurainia sophia)	(Hippuris vulgaris)	(Descurainia pinnata)	(Melandrium album)
Henbit	Meadow Salsify	Pepperweed	Wild Buckwheat
(Lamium amplexicaule)	(Tragopogon pratensis)	(Lepidium virginicum)	(Polygonum convolvulus)
Kochia	Mustard, Blue	Pigweed, Redroot	Yellow Rocket
(Kochia scoparia)	(Chorispora tenella)	(Amaranthus retroflexus)	(Barbarea vulgaris)
Grasses			
Foxtail, Green	Little Barley	Smooth Brome	Wild Oats
(Setaria viridis)	(Hordeum pusillum)	(Bromus inermis)	(Avena fatua)
	1-1/3 Lb METRIE	BUZIN 75 WDG/Acre	
Broadleaves			
Chickweed, Mousear	Dandelion	Ragweed, Common	
(Cerastium vulgatum)	(Taraxacum officinale)	(Ambrosia artemisiifolia)	
Grasses			
Barnyardgrass	Bluegrass	Foxtail Barley	
(Echinochloa crus-galli)	(Poa annua)	(Hordeum jubatum)	

Weeds Partially Controlled: At the rate of 1-1/3 lb/acre METRIBUZIN 75 WDG may be used to reduce the competition from curly dock (*Rumex crispus*).

At 2/3 to 1-1/3 lb/acre, **METRIBUZIN 75 WDG** 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 75 WDG** may be used in aerial or ground spray equipment as a broadcast surface application to dormant established crops of alfalfa and sainfoin.

**APPLICATION: METRIBUZIN 75 WDG** may be used 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 75 WDG** after growth begins in the spring or before growth ceases in the fall. Do not apply to either alfalfa or sainfoin during the first growing season after seeding.

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

For information on Commercial Impregnation and application of **METRIBUZIN 75 WDG** on dry bulk fertilizer, refer to the appropriate section of this label.

WEEDS CONTROLLED	
1/2 to 2/3 Lb METRIBUZIN 75 WDG/Acre	

Cheatgrass (downy brome)			
(Bromus secalinus)			
	2/3 to 1-1/3 Lb METR	IBUZIN 75 WDG/Acre	
Broadleaves			
Chickweed, Common (Stellaria	Kochia	Mustard, Tansy (Descurainia	White Cockle
media) Flixweed (Descurainia	(Kochia scoparia) Meadow	<i>pinnata)</i> Pepperweed,	(Melandrium album)
sophia)	Salsify (Tragopogon	Virginia <i>(Lepidium</i>	Wild Buckwheat (Polygonum
Henbit	pratensis) Mustard, Blue	virginicum) Shepherdspurse	convolvulus) Yellow Rocket
(Lamium amplexicaule)	(Chlorispora tenella)	(Capsella bursa-pastoris)	(Barbarea vulgaris)
Grasses			
Smooth Brome	Wild Oats		
(Stellaria media)	(Avena fatua)		
	1-1/3 Lb METRIBU	JZIN 75 WDG/Acre	
Broadleaves			
Dandelion			
(Taraxacum officinale)			
Grasses			
Barnyardgrass	Bluegrass	Foxtail Barley	
(Echinochloa crus-galli)	(Poa annua)	(Hordeum jubatum)	

BROADCAST APPLICATIONS		
CROP	METRIBUZIN 75 WDG Lb/Acre	
Alfalfa and Sainfoin (California Only)	1/2 to 1-1/3	
Select the proper dosage according to weeds known to be present in the field to be treated. Apply specified dosage ir		
20 to 40 gallons of water per acre with ground spray equir	ment or 3 to 10 gallons of water per acre with aerial spray	

20 to 40 gallons of water per acre with ground spray equipment or 3 to 10 gallons of water per acre with aerial spray equipment fitted with nozzles suitable for broadcast applications of herbicides. Treat only dormant established crops of alfalfa and sainfoin. Injury may occur to alfalfa if **METRIBUZIN 75 WDG** 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 1-1/3 lb/acre rate, METRIBUZIN 75 WDG may be used for suppression of curly dock.

#### FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES: Rates of 2/3 to 1-1/3 lb of

**METRIBUZIN 75 WDG** 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 mustnot be made when weather conditions favor spray drift, especially in areas where wheat is growing on coarse textured soils in adjacent fields, or injury may occur.

# ALFALFA

#### METRIBUZIN 75 WDG plus Paraquat (2 lb ai / gallon) 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 75 WDG** plus Paraquat (2 lb ai / gallon) tank-mix application may be applied, during the dormant season, in aerial or ground spray equipment as a broadcast surface application to established (at least 1 year old) alfalfa for the control of certain grass and broadleaf weeds. Do not apply **METRIBUZIN 75 WDG**/Paraquat 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 growth 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 nonionic spreader at label rates to the spray solution.

**WEEDS CONTROLLED: METRIBUZIN 75 WDG** plus Paraquat (2 lb ai / gallon) (2 to 3 pt/acre) tank-mix application will control established weeds. Gramoxone controls weeds by contact activity.

1/3 to 1/2 Lb of METRIBUZIN 75 WDG Per Acre			
Common Chickweed			
	1/2 to 1 Lb of METF	RIBUZIN 75 WDG Per Acro	9
Bluegrass Cheat	Downy brome	Henbit	Rescuegrass
	Field pennycress	Japanese brome	Shepherdspurse
Use METRIBUZIN 75 WDG at 2/3 to 1 Lb/Acre for control of the following weeds:			
Blue mustard	Kochia	Redroot pigweed	Tansy mustard
Common lambsquarters	Little barley	Rough fleabane	White cockle
Flixweed	Marestail (Horseweed)	Ryegrass	Wild oats
Green foxtail	Meadow salsify	Smooth brome	Wild buckwheat
Groundsel	Pepperweed	Sowthistle	Yellow rocket
Jim Hill mustard	Prickly lettuce		

	APPLICATIONS		
DOSAGE/ACRE			
METRIBUZIN 75 WDG 1/3 to 1 Lb	Apply specified dosages of <b>METRIBUZIN 75 WDG</b> and Paraquat containing herbicide 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		
Plus	growing. Care must be taken to avoid overlaps. Do not apply more than 2/3 lb of <b>METRIBUZIN 75 WDG</b> per acre on loamy sand soils. Reduced weed control may occur when extended dry		
Gramoxone <sup>®</sup> Inteon 2 to 3 pt.	conditions follow application of <b>METRIBUZIN 75 WDG</b> . Crop injury may occur if alfalfa is under stress conditions such as diseases, insect infestations, drought or winter injury or if <b>METRIBUZIN 75 WDG</b> is applied to alfalfa earlier than 12 months after seeding.		

**FOR USE ON MIXED STANDS OF ALFALFA AND GRASSES:** Rates of 2/3 to 1 lb of **METRIBUZIN 75 WDG** per acre will provide partial reduction of forage grass stands. These rates may be used to reduce forage grass stands to prevent crowding out of alfalfa.

Do not graze or harvest within 42 days after application.

In areas west of the Rockies, avoid the use of **METRIBUZIN 75 WDG** 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 must not be made when wind speed is greater than 10 mph.

Do not use on sand soil.

Refer to the Paraquat herbicide label for additional directions, weed species controlled and precautions.

#### Post Dormant Application of METRIBUZIN 75 WDG Impregnated on Dry Fertilizer Only

**METRIBUZIN 75 WDG** 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 1-1/3 lb per acre as directed on this label for application during dormancy. Apply 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

#### Non-Dormant, Non-Winter Hardy Varieties (Arizona Only)

**METRIBUZIN 75 WDG** may be applied as a broadcast surface application to established crops of nondormant 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	Littleseed canarygrass	Mouse barley	Silversheath knotweed	
Lambsquarters	London rocket (mustard)	Nettleleaf goosefoot	Spiny sowthistle	
Little mallow (cheeseweed) Prickly lettuce Shepherdspurse				

APPLICATIONS	
CROP METRIBUZIN 75 WDG	
Alfalfa 1/2 to 2/3	
Non-Dormant. Non-Winter Hardy Varieties	

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 must be made before weeds are 2" tall or before leaf rosettes are 2" wide. For maximum control, rainfall (1/4" or more) or irrigation is necessary within 30 days of treatment, however, do not flood irrigate within 2 days after treatment. Use 1/2 Ib **METRIBUZIN 75 WDG** 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 ensure a uniform spray mixture.

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

# ESTABLISHED PERENNIAL GRASSES GROWN FOR SEED

#### For Weed Control In Established Perennial Bentgrass Grown for Seed in Oregon West of the Cascade Mountains and in Crook, Deschutes, and Wasco Counties

Used as directed below, **METRIBUZIN 75 WDG** will reduce competition from seedlings of annual Bromus species, annual ryegrass, and annual bluegrass. **METRIBUZIN 75 WDG** will control rattail fescue, henbit, ivyleaf speedwell, chickweed, mustards, and shepherdspurse.

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

APPLICATION INSTRUCTIONS		
CROP	RATE OF METRIBUZIN 75 WDG (lbs/A)	REMARKS
Bentgrass grown for seed	0.38 to 0.5	Apply specified dosage as a broadcast spray in at least 15 gallons of spray solution per acre when volunteer grasses are in the 1 to 2 leaf growth stage following full rainfall or irrigation and before active spring growth. Applications made after mid-February may result in excessive crop injury and/or failure to control weeds. Allow at least 120 days between application and harvest for seed.

Application Restrictions:

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

**Feeding Restrictions:** The crop and crop residues may be fed to livestock or used as bedding. If the seed crop is terminated and grazed or cut for forage, allow at least 28 days between application and use as animal feed.

#### For Weed Control in Established Perennial Grasses Grown for Seed in Oregon West of the Cascade Mountains and in Crook, Deschutes, Jefferson, and Wasco Counties

Used as directed below, METRIBUZIN 75 DF will reduce competition from volunteer seedlings of the indicated crop, annual Bromus species, annual ryegrass, and annual bluegrass. METRIBUZIN 75 DF will control rattail fescue, henbit, ivyleaf speedwell, chickweed, mustards, and shepherdspurse. Control of the volunteer crop and grassy weeds may be enhanced by adding wetting agents containing crop oil. Follow the directions for use and rates specified on the wetting agent label.

METRIBUZIN 75 DF is compatible with most fertilizers, fungicides, and insecticides. METRIBUZIN 75 DF may be combined with other herbicides for enhanced weed control. Before mixing with another herbicide, consult both product labels and a knowledgeable authority or Albaugh, LLC representative.

APPLICATION INSTRUCTIONS			
CROP	RATE OF METRIBUZIN 75 DF (lbs/A)	REMARKS	
Perennial Ryegrass Tall Fescue		Apply specified dosage as a broadcast spray in a least 15 gallons of spray solution per acre when	
Bluegrass Fine Fescue Orchardgrass		volunteer grasses are in the 1 to 2 leaf growth stage following full rainfall or irrigation and before active spring growth. Applications made after mid- February may result in excessive crop injury and/or failure to control weeds. Allow at least 120 days between application and harvest for seed.	

#### **Application Restrictions:**

- 1. Apply only to established grasses that are at least one year old and have been harvested for seed at least once.
- 2. Do not apply to a crop that is under stress (i.e., severe insect damage, cool to cold temperatures, disease, nutrient deficiency or deficient or excessive moisture).
- 3. Do not apply more than once per year.
- 4. Do not apply this product through any type of irrigation system.

**Feeding Restrictions:** The crop and crop residues may be fed to livestock or used as bedding. If the seed crop is terminated and grazed or cut for forage, allow at least 28 days between application and use as animal feed.

For Weed Control in Established Perennial Grasses Grown for Seed in Washington Used as directed below, METRIBUZIN 75 WDG will reduce competition from volunteer seedlings of the indicated crop, annual Bromus species, annual ryegrass, and annual bluegrass. METRIBUZIN 75 WDG will control rattail fescue, henbit, ivyleaf speedwell, chickweed, mustards, and shepherdspurse. Control of the volunteer crop and grassy weeds may be enhanced by adding wetting agents containing crop oil. Follow the directions for use and rates specified on the wetting agent label.

#### MIXING

**METRIBUZIN 75 WDG** is compatible with most fertilizers, fungicides, and insecticides. **METRIBUZIN 75 WDG** may be combined with other herbicides for enhanced weed control. Before mixing with another herbicide, consult both product labels and a knowledgeable authority or Albaugh, LLC representative.

APPLICATION INSTRUCTIONS							
CROP	RATE OF METRIBUZIN 75 WDG (lbs/A)	REMARKS					
Perennial Ryegrass Tall Fescue	0.3 to 0.5	Apply specified dosage as a broadcast spray in at least 15 gallons of spray solution per acre when volunteer grasses					
Bluegrass Fine Fescue	0.2 to 0.38	are in the 1 to 2 leaf growth stage following full rainfall or irrigation and before active spring growth. Applications made after mid-February may result in excessive crop injury and/or failure to control weeds. Allow at least 120 days between application and harvest for seed.					

#### **Application Restrictions:**

- 1. Apply only to established grasses that are at least one year old and has been harvested for seed at least once.
- 2. Do not apply to a crop that is under stress, for example disease, severe insect damage, nutrient deficiency, cool to cold temperatures, or deficient or excessive moisture.
- 3. Do not apply more than once per year.
- 4. Do not apply this product through any type of irrigation system.
- 5. Do not apply to bluegrass grasses grown for seed on sand or loamy sand soils. On bluegrass, use 0.2 to 0.25 lbs of **METRIBUZIN 75 WDG** per acre if mixing with another herbicide.
- 6. Use only on soils with organic matter greater than 1.5% and a soil pH lower than 7.5.

**Feeding Restrictions:** The crop and crop residues may be fed to livestock or used as bedding. If the seed crop is terminated and grazed or cut for forage, allow at least 28 days between application and use as animal feed.

#### For Weed Control in Established Perennial Grasses Grown for Seed in Montana and Wyoming

Used as directed below, **METRIBUZIN 75 WDG** will reduce competition from downy brome (Bromus tectorum). Control of the grassy weeds may be enhanced by adding wetting agents containing crop oil.

#### MIXING

**METRIBUZIN 75 WDG** is compatible with most fertilizers, fungicides, and insecticides. **METRIBUZIN 75 WDG** may be combined with other herbicides for enhanced weed control. Before mixing with another herbicide, consult both product labels and a knowledgeable authority or Albaugh, LLC representative.

APPLICATION INSTRUCTIONS							
CROP	RATE OF METRIBUZIN 75 WDG (Ibs/A)	REMARKS					
		Apply specified dosage as a broadcast spray in at least 15 gallons of spray solution per acre when the crop is dormant and prior to active spring growth.					
Wildrye, Wheatgrass Meadow Brome	0.5	Use on sand soils or on soils with a pH greater than 8.0 may result in unacceptable injury.					
		Allow at least 120 days between application and harvest for seed.					

#### Application Restrictions:

- 1. Apply only to established grasses that are at least one year old and have been harvested for seed at least once.
- 2. Do not apply to a crop that is under stress, for example disease, severe insect damage, nutrient deficiency, cool to cold temperatures, or deficient or excessive moisture.
- 3. Do not apply more than once per year.
- 4. Do not apply this product through any type of irrigation system.

**Feeding Restrictions:** The crop and crop residues may be fed to livestock or used as bedding. If the seed crop is terminated and grazed or cut for forage, allow at least 28 days between application and use as animal feed.

# ASPARAGUS (Established)

**METRIBUZIN 75 WDG** may be used 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.

Refer to the "Product Information" section of this label for directions.

**WEEDS CONTROLLED: METRIBUZIN 75 WDG**, applied to established asparagus according to directions, will effectively control:

Broadleaves								
Chickweed, Commo	n	Lambsquarters	Ragweed, Common	Sorrel, Red				
(Stellaria media)		(Chenopodium album)	(Ambrosia artemisiifolia)	(Rumex acetosella)				
Jimsonweed		Pigweed, Redroot	Smartweed, Pennsylvania	Velvetleaf				
(Datura stramonium	)	(Amaranthus retroflexus)	(Polygonum pensylvanicum)	(Abutilon theophrasti)				
Grasses								
Crabgrass (Digitaria	spp.)	Foxtails ( <i>Setaria</i> spp.)	Sandbur, Field					
			(Cenchrus pauciflorus)					
		BROADCAS	T APPLICATIONS					
CROP		ME	TRIBUZIN 75 WDG Lb/Acre					
Asparagus			1-1/3 to 2-2/3					
(Preemergence	PREEM	ERGENCE APPLICATION	ONLY: Make a single surface a	pplication in early Spring				
Application only)		before asparagus spears or ferns emerge. If the field is to be disked, apply						
	METRIBUZIN 75 WDG after disking but before the crop emerges. Use the lower rate for							
	control of the broadleaf weeds listed above. Use the higher rate in fields with a history of severe							
	infestations of grasses and for maximum residual control. Do not apply within 14 days of							
	harvest.							
Asparagus			2/3 to 1-1/3					
(Split Application)			preemergence					
	plus							
	1-1/3 to 2							
	post harvest							
		SPLIT APPLICATION PREEMERGENCE AND POST HARVEST:						
		Preemergence Application: Apply before asparagus spears or ferns emerge. If the field is to						
	be diske	ed, apply after disking but pr	ior to crop emergence. Do not a	pply within 14 days of				
	harvest.							
	Post Harvest Application: Apply after last harvest of the season but prior to emergence.							
	The low	er combination rates may b	e used for control of common rag	gweed, lambsquarters,				
			ed, 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.							
IMPORTANT: The t	otal amo	unt of METRIBUZIN 75 WD	<b>G</b> applied in one crop season m	ay not exceed 2-2/3 lb per				
acre.								

**RESTRICTIONS (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. Aerial application is prohibited.

# 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 Albaugh, LLC. Buyer is advised that Albaugh, LLC makes no assurances regarding satisfaction with the product and to the extent consistent with applicable law all risks of crop injury or product performance are assumed by the Buyer.

Apply **METRIBUZIN 75 WDG** herbicide with ground equipment as specified below under "Applications." For effective control of broadleaf weeds with postemergence applications, apply **METRIBUZIN 75 WDG** before weeds are 1 inch in height or diameter. Thorough spray coverage is essential for adequate weed control.

Do not use air blast or other high-pressure spray equipment to make postemergence applications of **METRIBUZIN 75 WDG**. 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 "Product Information" section in the front of this label.

For specific application information see "Product Information" and "Application" sections at the front of this label.

WEEDS CONTROLLED: METRIBUZIN 75 WDG applied to carrots according to directions will effectively control:

Carpetweed	Lambsquarters, Common	Pigweed, Smooth	Prickly Lettuce
(Mullugo verticillata)	(Chenopodium album)	(Amaranthus hybridus)	(Lactuca serriola)
Galinsoga	Mustard, Wild	Pineappleweed	Shepherdspurse
(Galinsoga parviflora)	(Sinapis arvensis)	(Matricaria matricarioides)	(Capsella bursa-pastoris)
Horseweed	Pigweed, Redroot		
(Conyza canadensis)	(Amaranthus retroflexus)		
· · · · · · · · · · · · · · · · · · ·			

	APPLICATIONS
CROP	METRIBUZIN 75 WDG Lb/Acre
	1/3
Carrots	Apply specified dosage per acre as a broadcast spray over the tops of carrot plants. Application must 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.
IMPORTANT	: The total amount of METRIBUZIN 75 WDG applied in one crop season must not exceed 2/3 lb per
acre.	

#### **RESTRICTIONS:**

- 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 75 WDG 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.

#### **PRECAUTIONS:**

Crop injury or delayed maturity may result from applications of **METRIBUZIN 75 WDG** 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 75 WDG**, chlorosis (yellowing) and burning of the leaf tissue may occur.

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

# FIELD CORN

#### **POSTEMERGENCE APPLICATION**

**METRIBUZIN 75 WDG** may be used for control of selected broadleaf weeds when applied as a tank-mix combination with certain broadleaf herbicides presently registered and labeled for postemergence use in field corn. Herbicides which may be tank-mixed with **METRIBUZIN 75 WDG** include:

2,4-D	Bromoxynil	Imazethapyr ammonium	Pyridate
Atrazine		salt*	
Dicamba			
Bentazon Na+			
Use only on Imazethapyr resi	stant/tolerant corn hybrids (IMI-	Corn)	

**APPLICATION: METRIBUZIN 75 WDG** 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 must be increased with increasing weed size and population density.

For tank-mixes of **METRIBUZIN 75 WDG** plus Atrazine, Bentazon sodium, Bentazon sodium + Atrazine, , Bromoxynil + Atrazine, Imazethapyr ammonium salt, Flumiclorac pentyl ester, 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 75 WDG** tank-mixes with Dicamba, or 2,4-D EHE (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.

#### POST DIRECTED APPLICATION

**METRIBUZIN 75 WDG** in tank-mix combinations with Dicamba, 2,4-D, or Bromoxynil may be applied post directed 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 75 WDG** 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 an alternative to UAN with certain tank-mix combinations.

Nonionic surfactants must contain at least 80% active ingredient.

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

#### RAINFASTNESS

**METRIBUZIN 75 WDG** 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 75 WDG** label for specific instructions on cleaning spray equipment. Special attention must be given to the required cleanup procedures for 2,4-D, and Dicamba.

#### **RESTRICTIONS:**

- 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 (5-1/3 ounces **METRIBUZIN 75 WDG**) 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 as crop injury may occur.
- 8. Observe all precautions and limitations on labeling of all products used in the tank-mixtures.

**Feeding Restrictions:** Field corn treated with **METRIBUZIN 75 WDG** 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.

#### **PRECAUTIONS:**

**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.

#### TANK-MIX COMBINATIONS

The **METRIBUZIN 75 WDG** tank-mixtures listed below can be utilized for control of certain annual broadleaf weeds.

	METRIBUZIN 75 WDG POSTEMERGENCE BROADCAST DIRECTIONS							
PRODUCT	RATE	DIRECTIONS AND REMARKS*						
METRIBUZIN 75 WDG	2 oz/A +	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						
+ 2,4-D Amine or	1/2 to 1 pt/A <sup>1</sup> or	to 2,4-D. <b>DO NOT USE ADJUVANTS.</b> 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						
2,4-D EHE	1/3 to 1/2 pt/A <sup>1</sup>	damage, delay cultivation 8 to 10 days after application.						
METRIBUZIN 75 WDG + Atrazine	2 oz/A + 1/2 to 1-1/2 lb ai/A	Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. A nonionic 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						
<b>METRIBUZIN 75</b> WDG + Dicamba	2 oz/A + 1/2 to 1 pt/A or 1/2 to 1 pt/A	restrictions pertaining to atrazine applications. 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. 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 nonionic surfactant (1 qt/100 gal of spray solution) may improve weed control. For corn grown on coarse textured soils, apply Dicamba 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 75 WDG +	2 oz/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						
+ Bentazon Na+	1 pt/A	gal of spray solution), or nonionic surfactant (1 qt/100 gal of spray solution) may improve weed control.						
METRIBUZIN 75 WDG + Bromoxynil	1.6 to 2 oz/A + 1 pt/A or 1/2 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. <b>DO NOT USE</b> <b>ADJUVANTS.</b> 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 must be made to dry corn foliage when weather conditions are not extreme.						
METRIBUZIN 75 WDG + Bromoxynil /	1.6 to 2 oz/A + 1-1/2 to 2 pt/A	Apply as a broadcast spray during the interval from corn emergence until corn is 12 inches tall. <b>DO NOT USE ADJUVANTS.</b> Occasional temporary corn leaf burn may occur and is similar to that observed from liquid fertilizers. Recovery is generally rapid with no lasting effect.						
Atrazine (Premix) METRIBUZIN 75 WDG	2 oz/A	To reduce potential for crop damage, application must be made to dry corn foliage when weather conditions are not extreme. 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						
+ Bentazon Na+ / Atrazine (Premix)	1.33 to 1.66 pt/A	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 75 WDG POSTEMERGENCE BROADCAST DIRECTIONS						
PRODUCT	RATE	DIRECTIONS AND REMARKS*				
METRIBUZIN 75		Use only on designated IMI-Corn hybrids (hybrids which are resistant/				
WDG	2 oz/A	tolerant to imazethapyr). Apply the 4.0 ounce rate of imazethapyr if				
+	+	grasses are present or broadleaf weeds are near the maximum heights				
Imazethapyr	2 to 4 oz/A	shown. Apply in combination with a nonionic surfactant (1 qt/100 gal of				
ammonium salt		spray solution) and UAN (1 to 2 qt/A).				
METRIBUZIN 75		Apply as a broadcast spray to field corn from 2-leaf through 10-leaf				
WDG	3 oz/A	(visible leaf collars) stage. Adjuvants such as nonionic surfactant (0.25%				
+	+	v/v), UAN (2% v/v) or ammonium sulfate (2.5 lbs/A) may increase weed				
Flumiclorac pentyl	4 to 6 fl oz/A	control.				
ester						
		Apply as a broadcast spray after corn emergence but before corn height				
METRIBUZIN 75	2 oz/A	exceeds 30 inches and the crop canopy closes the row. A nonionic				
WDG	+	surfactant (1 qt/100 gal of spray solution) may be added to improve				
+	1 to 2 pt/A	weed control. Use the higher rates of Tough as weeds				
Pyridate	I I	approach to maximum height listed or are found in high density. Tough				
*Concult the one	ata tamir mire manter	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 <b>METRIBUZIN 75 WDG</b> .					
4						
<sup>1</sup> Application rate is b		ted to, 4 pounds active ingredient per gallon of 2,4-D.				

,	
2 to 3 oz/A + 3/4 to 1-1/2 pt/A <sup>1</sup> or 1/2 to 3/4 pt/A <sup>1</sup>	For corn greater than 8-inches tall, apply as a <b>directed spray with drop</b> <b>nozzles</b> before tassel emergence. Apply only to varieties known to be tolerant to 2,4-D. <b>DO NOT USE ADJUVANTS.</b> 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.
2 to 3 oz/A + 1/2 pt/A	For corn 8 to 36 inches tall, apply as a <b>directed spray with drop</b> <b>nozzles.</b> Application may be made up to 15 days prior to corn tasseling. If growing conditions are dry and plants are stressed, addition of a nonionic 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 avoid stalk breakage.
2 to 3 oz/A + 1 to 1-1/2 pt/A or 1/2 to 3/4 pt/A	Apply as a <b>directed spray with drop nozzles</b> before tassel emergence. <b>DO NOT USE ADJUVANTS.</b> 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 must be made to dry corn foliage when weather conditions are not extreme.
	+ 3/4 to 1-1/2 pt/A <sup>1</sup> or 1/2 to 3/4 pt/A <sup>1</sup> 2 to 3 oz/A + 1/2 pt/A 2 to 3 oz/A + 1 to 1-1/2 pt/A or

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

<sup>1</sup> 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 75 WDG** will control the following annual weeds up to the maximum weed heights listed:

		METRIBUZIN 75 WDG +								
COMMON WEED NAME	Atrazine	Dicamba	I Kontazon	Bromoxynil / Atrazine (Premix)	2,4-D	lmazethapyr ammonium salt	Bentazo n Na+ / Atrazine (Premix)	ethyl	Pyridate	
			Γ	MAXIMUM W	VEED H	EIGHT IN INCHES*				
Amaranth, Palmer	4 <b>a</b>	4	2 <b>a</b>	4 <b>a</b>	4		6	4	4	
						d <sub>8</sub>				
Buckwheat, wild	3	3	3	3	2		3	4		

#### WEEDS CONTROLLED - POSTEMERGENCE BROADCAST APPLICATION

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

-	METRIBUZIN 75 WDG +										
COMMON WEED NAME	Atrazine	Dicamba	Bentazon Na+	Bromoxynil / Atrazine (Premix)		Imaz	ethapyr nium salt	Bentazo n Na+ / Atrazine (Premix)	c pentyl	Pyridate	
	MAXIMUM WEED HEIGHT IN INCHES*										
							2				
Buffalobur	4	4		4			1				
Burcucumber		4		4	2					4	
Carpetweed	2	2	2	2	2			2	3	4	
Cocklebur, common	8	8	8	8	8		8b	8	3	6	
Eclipta	3	3	3	3	3		0	3		3	
Henbit	3	3	2	2	2		0	3		4	
Horseweed/ marestail	3	4	1	1	3		3	2	3		
Jimsonweed	5	5	6	5	5		_	6	3	5	
Knotweed	6	6	6	4	2		5 4	6		4	
Kochia	2 <b>a</b>	2	1a	2 <sup>a</sup>	2 <b>a</b>		2	2 <b>a</b>		4	
Ladysthumb	6	6		6	4	6	4	6	4	6	
Lambsquarters, common	6 <b>a</b>	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			
Nightshade, black	6	6		6	1	6	3	1		4	
Nightshade, eastern black	6	6		6	1	6	3	1		4	
Pigweed, redroot	6 <b>a</b>	6	2 <b>a</b>	6 <b>a</b>	6	6	d <sub>8</sub>	6 <b>a</b>	4	6	
Pigweed, smooth	6 <b>a</b>	6	2	6 <b>a</b>	6	6	8 <b>b</b>	6 <b>a</b>	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		
Ragweed, common	5	5		5	5	6	3	4	3		
Ragweed, giant	4	5		4	3	6	4	4			
Sicklepod	3	3		3	3	3	3	3		2	
Sida, prickly	1	1	-	1	1	2	1	2	2	1	
Smartweed, Pennsylvania	6	6	-	6	4	6	4	6	4		
Sunflower, common	6	6	6	6	6	6	5	6		5	

# WEEDS CONTROLLED - POSTEMERGENCE BROADCAST APPLICATION

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

neights listed.										
	METRIBUZIN 75 WDG +									
COMMON WEED NAME	Atrazine	Dicamba	Bentazon Na+	Bromoxynil / Atrazine (Premix)	2,4-D	Imazethapyr ammonium salt	Bentazo n Na+ / Atrazine (Premix)	c pentyl	Pyridate	
			n in the second s	MAXIMUM W	VEED H	EIGHT IN INCHES*				
These tank mixture heights listed:	es with <b>MI</b>	ETRIBUZ	IN 75 WDG	i will control	the follo	wing annual weeds	up to the	maximum	weed	
				MET	RIBUZI	N 75 WDG +				
COMMON WEED NAME	Atrazine	Dicamba	Bentazon Na+	Bromoxynil / Atrazine (Premix)	2,4-D	Imazethapyr ammonium salt	Bentazo n Na+ / Atrazine (Premix)	c pentyl	Pyridate	
			r	MAXIMUM V	VEED H	EIGHT IN INCHES*				
Thistle, Russian	1	3		3	1	1	1		3	
Velvetleaf	6 <b>a</b>	6	6	6	4	5	6	6		
Waterhemp, spp.	5 <b>a</b>	5	2 <b>a</b>	5 <b>a</b>	5	4b	2 <b>a</b>	4	5	
*When weeds are a <b>METRIBUZIN 75 V</b>					found in	n high densities, use	the high	er rate of		
<sup>a</sup> These treatments	will not c	ontrol tria	zine resista	ant biotypes.						
bThese treatments	will not c	ontrol AL	S resistant	biotypes.						

WEEDS CONTROLLED - POST DIRECTED APPLICATION These tank-mixtures with METRIBUZIN 75 WDG will control the following annual weeds up to the maximum weed heights listed:

METRIBUZIN 75 WDG +				
2,4-D	Dicamba	Bromoxynil		
MAXIMUM WEED HEIGHT IN INCHES*				
12	12	6		
12	12	12		
12	10	10		
6	8	6		
12	12	10		
18	18	6		
18	18	6		
18	18	6		
18	18	6		
10	8	8		
10	8	8		
	12 12 12 6 12 18 18 18 18 18 18 18 10	2,4-D     Dicamba       MAXIMUM WEED       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       12       13       18       10       8		

#### WEEDS CONTROLLED - POST DIRECTED APPLICATION

These tank-mixtures with **METRIBUZIN 75 WDG** will control the following annual weeds up to the maximum weed heights listed:

	METRIBUZIN 75 WDG +			
COMMON WEED NAME	2,4-D	Dicamba	Bromoxynil	
	MAXIMUM WEED HEIGHT IN INCHES*			
Pigweed, redroot	12	12	6	
Pigweed, smooth	12	12	6	
Ragweed, common	8	8	8	
Ragweed, giant	12	12	8	
Smartweed, Pennsylvania	6	8	6	
Sunflower, common	12	12	12	
Velvetleaf	10	8	8	
Waterhemp, tall	12	12	6	

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

#### PERENNIAL WEED SUPPRESSION

The following **METRIBUZIN 75 WDG** 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 allowable rates of **METRIBUZIN 75 WDG**, Dicamba, Bromoxynil, Bromoxynil + Atrazine (premix), 2,4-D EHE or Imazethapyr ammonium salt labeled for these tank- mixtures.

#### **METRIBUZIN 75 WDG + Dicamba**

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

#### METRIBUZIN 75 WDG + Bromoxynil or Bromoxynil + atrazine (Premix)

Thistle, Canada.

#### METRIBUZIN 75 WDG + 2,4-D EHE

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

#### METRIBUZIN 75 WDG + Imazethapyr ammonium salt

Thistle, Canada.

#### PREPLANT and PREEMERGENCE

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

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

Atrazine Acetochlor Dicamba Clarity Frontier	Linuron Metolachlor s-Metolachlor	Pendimethalin Imazethapyr ammonium salt Simazine	
<sup>a</sup> Use only on Imaze	thapyr resistant/tolerant corn h	ybrids (IMI corn).	

**Application: METRIBUZIN 75 WDG** 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.

#### **RESTRICTIONS:**

- 1. Do not apply more than 5-1/3 ounces **METRIBUZIN 75 WDG** (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 must be planted a minimum of 1-1/2 inches deep.
- 4. **METRIBUZIN 75 WDG** may only be used in hybrid seed corn production fields if both inbred parents are known to be tolerant to **METRIBUZIN 75 WDG**.
- 5. Do not use 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 75 WDG** may be harvested for silage or grain 60 days after treatment. For tank-mixes, follow the most restrictive preharvest interval of all products used.

**Weeds controlled: METRIBUZIN 75 WDG** will aid in the residual preemergence control of the following weed species when tank-mixed with other registered grass and/or broadleaf corn herbicides:

	U		
Horseweed/marestail	Pigweed spp.	Smartweed, Pennsylvania	Velvetleaf
Ladysthumb	Ragweed, common	Sunflower	Waterhemp, Tall
Lambsquarters, common			
*For control of emerged weed	s refer to the "Burndowr	Weed Control" section of the I	METRIBLIZIN 75

\*For control of emerged weeds refer to the "Burndown Weed Control" section of the **METRIBUZIN 75 WDG** label.

	METRIBUZIN 75 WDG FIELD CORN RATE DIRECTIONS		
	STATES	APPLICATION TIMING	METRIBUZIN 75 WDG ozs/A
lowa Kansas Missouri	Nebraska South Dakota	Preplant (0 to 30 days) Preemergence	2 to 5-1/3
Illinois Indiana	Minnesota Ohio Wisconsin	Preplant (10 to 30 days)	2 to 5-1/3
Kentucky Michigan	Wisconsin	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 75 WDG** on coarse textured soils with less than 1.5% organic matter. Do not apply more than 4 oz. **METRIBUZIN 75 WDG** per acre on soils with less than 2.0% organic matter.

For heavy weed infestations and/or early preplant applications, use the higher rates of **METRIBUZIN 75 WDG**. 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 75 WDG** may be used 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 sweet corn. 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 75 WDG** can be tank mixed with the products containing one or more of the following herbicides: 2,4-D, 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 75 WDG** 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 75 WDG**) are subject to a limitation of not more than 0.25 pounds a.i. of metribuzin (5-1/3 ounces of **METRIBUZIN 75 WDG**) per acre of corn per use season. There are no other specific restrictions on sequential applications due to the application of **METRIBUZIN 75 WDG**.

#### **RESTRICTIONS:**

Do not apply more than a total of 5-1/3 ounces **METRIBUZIN 75 WDG** (0.25 pounds metribuzin) per acre per growing season.

Do not apply preplant or preemergence on soils having a pH of 7.0 or greater. Corn seed must be planted a minimum of 1-1/2 inches deep.

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

#### PRECAUTIONS:

**METRIBUZIN 75 WDG** may only be used in hybrid seed production fields, if both inbred parents are known to be tolerant to **METRIBUZIN 75 WDG**.

Reduced residual weed control may result when used on organic soils. For this reason, residual weed control is not claimed on organic soils.

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

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

**Application Methods and Timing: METRIBUZIN 75 WDG** 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 DIRECTIONS FOR USE section of this label for directions.

**Application Rate Directions:** 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 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		
SOIL TEXTURE GROUP	1.6 TO 2.9% 3.0% or Mo		
All Sand Soils	DO NC	DT 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			

surface at application, the application rate may be increased 1 oz./A, but not to exceed 5-1/3 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 Albaugh, LLC. Buyer is advised that Albaugh, LLC makes no assurances regarding satisfaction with the product and that to the extent consistent with applicable law all risks of crop injury or product performance are assumed by the Buyer.

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

	WEEDS SU	PPRESSED*	
Common Chickweed	Dog Fennel (Mayweed)	Henbit	Shepherdspurse
Common Lambsquarters	Field Pennycress	Pigweed	Wild Mustard
* Suppression is a reduction in weed size and growth compared to a non-treated area in the same field.			
METRIBUZIN 75 WDG used	alone will not control triazine	-resistant weed species.	

CROP	APPLICATIONS
	METRIBUZIN 75 WDG Lb/Acre
	1/3 to 1/2
Garbanzo beans	Apply specified dosage in a single preemergence application using 10 to 40 gallons of water per acre with ground spray equipment. Apply before or after planting but before crop emergence. Thorough incorporation, either by rainfall or by mechanical means, is essential for weed suppression. Under dry conditions, incorporate <b>METRIBUZIN 75 WDG</b> into the top 1 to 2 inches of soil with spike harrows, or similar shallow incorporation equipment, then cross harrow to ensure uniform soil incorporation. Where soil surface is moist at the time of application and rain follows before weed emergence, a broadcast application must 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.

#### **RESTRICTIONS:**

Do not use on clay knobs or 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.

#### 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 1/2 inch of

irrigation within one month after application of METRIBUZIN 75 WDG, or crop injury may occur.

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

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

#### LENTILS AND PEAS (Idaho, Oregon, Washington)

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

	WEED	S SUPPRESSED*	
Common Chickweed**	Shepherdspurse**	Henbit**	Pennsylvania Smartweed
Lambsquarters	Field Pennycress	Corn Spurry	Pineapple Weed
Dog Fennel	Wild Mustard	Redroot Pigweed	Prostrate Knotweed
*Suppression is a reductio **Preemergence application		compared to a non-treated ar	rea in the same field.

**PREEMERGENCE APPLICATION:** Make a single preemergence application of **METRIBUZIN 75 WDG** at 1/4 to 1/2 lb per acre per crop year. Apply in 10 or more gallons of water per acre with ground spray equipment and 5 or more gallons of water per acre with aerial spray equipment. Apply **METRIBUZIN 75 WDG** before or after planting. Thorough incorporation, either by rainfall or by mechanical means, is essential for weed suppression. Under dry conditions, incorporate **METRIBUZIN 75 WDG** into the top 1 to 2 inches of soil with spike harrows, or similar shallow incorporation equipment, then cross harrow to ensure uniform soil incorporation. Where soil surface is moist at the time of application and rain follows before weed emergence, a broadcast application must provide adequate weed suppression.

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

**METRIBUZIN 75 WDG** may be applied pre- or post plant incorporated as a tank-mix combination with FARGO 4EC. Follow the Directions for Use statements on both product labels.

**POSTEMERGENCE APPLICATION:** One postemergence application may be made per season. Use 1/6 to 1/3 lb of **METRIBUZIN 75 WDG** per acre on **lentils** and **spring peas.** On **winter peas**, use 1/4 to 1/3 lb of **METRIBUZIN 75 WDG** per acre. For suppression of dog fennel, use 1/3 lb **METRIBUZIN 75 WDG** per acre. Apply specified dosage in 20 or more gallons of water per acre with ground spray equipment or 5 or more gallons of water per acre with 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 or post plant incorporated **METRIBUZIN 75 WDG** application.

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

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

#### **RESTRICTIONS (all applications):**

Do not apply more than 2/3 lb METRIBUZIN 75 WDG per acre per year.

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.

#### **PRECAUTIONS:**

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.

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 75 WDG**, determining crop tolerance prior to adoption as a field scale practice is suggested to prevent possible injury.

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

# SUGARCANE

#### **RESTRICTIONS:**

For aerial and chemigation application methods on sugarcane the maximum application rate is 2-2/3 lb **METRIBUZIN 75 WDG**/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.

Do not rotate any crop not listed on this label for 18 months following application of **METRIBUZIN 75 WDG**. Refer to the "CROP ROTATION RESTRICTIONS" section of this label for more information.

#### SUGARCANE (Hawaii Only)

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

**Ground Application: METRIBUZIN 75 WDG** must be mixed by filling the spray tank half full of clean water. Then add the specified amount of **METRIBUZIN 75 WDG** 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 75 WDG** may be used in aerial spray equipment as a preemergence or postemergence application to irrigated sugarcane. Aerial spray equipment must be calibrated to apply the proper amount of **METRIBUZIN 75 WDG** in 5 to 10 gallons of spray mixture per acre.

**METRIBUZIN 75 WDG** 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.

Wee	ds Controlled in Irrigated	d and Non-irrigated Suga	rcane
Broadleaves	<u></u>	a and non mighted odga	
Amaranth, Spiny <i>(Amaranthus spinosus)</i> Euphorbia, Wild ( <i>Euphorbia</i> spp.)	Fireweed <i>(Erechtites hieracifolius)</i> Floras paintbrush <i>(Emilia sonochifolia)</i>	Spurge, Garden <i>(Euphorbia hirta)</i>	Spurge, Graceful (Euphorbia glomerifera)
Grasses			
Crabgrass ( <i>Digitaria</i> spp.) Guineagrass <i>(Panicum maximum</i> )	Plushgrass <i>(Chloris radiata)</i>	Ricegrass (Oryzopsis hymenoides)	Wiregrass (Eleusine indica)
Weeds Controlled in Irrig	gated Sugarcane Only		
Broadleaves			
Amaranth, Spleen <i>(Amaranthus dubius)</i> Haole Koa <i>(Leucaena leucocephala)</i>	Hialoa <i>(Waltheria Americana)</i> Hilahila <i>(Mimosa pudica)</i>	Purslane, Common <i>(Portulaca oleracea)</i>	Rattlepod <i>(Crotalaria spectabilis)</i>
Grasses	·		·
	Bristly foxtail <i>(Setaria verticillata)</i>		
Weeds Controlled in Nor	n-irrigated Sugarcane Or	nly	
Broadleaves	1		
Ageratum <i>(Ageratum conyzoides)</i>	Richardia <i>(Richardia brasiliensis)</i>	Tarweed <i>(Cuphea carthagenesis)</i>	

	SUGARCANE (HAWAII ONLY) BROADCAST APPLICATIONS
METRIBUZIN 75 WDG Lb/Acre	REMARKS
irrigated)	<b>PREEMERGENCE (Irrigated and non-irrigated sugarcane):</b> Apply specified dosage per acre as a broadcast spray to the soil surface. Applications must be made within two weeks after planting prior to cane emergence or shortly after emergence (spike stage). OR
	<b>EARLY POSTEMERGENCE (Irrigated and non-irrigated sugarcane):</b> 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.
	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.
	<b>SPOT TREATMENT:</b> 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.
	more than 10-2/3 lb of <b>METRIBUZIN 75 WDG</b> (8 lb active ingredient)/acre per crop cycle thod of application. The last application may be made up to 17 months of harvest.

#### **RESTRICTIONS:**

Do not use treated foliage for feed or forage.

# SUGARCANE (Louisiana and Texas Only)

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

SUGARCANE (LOUISIANA AND TEXAS ONLY) APPLICATIONS			
METRIBUZIN 75 WDG Lb/Acre	REMARKS		
2 to 4	<b>BROADCAST:</b> 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	<b>BAND:</b> 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.		

# **RESTRICTIONS (Louisiana and Texas only):**

Do not use treated foliage for feed or forage.

Do not apply within 60 days of harvest.

#### **PRECAUTIONS:**

Use the higher rate on heavy clay soil and soil with a high percentage of organic matter. If necessary, a third application may be made in late Spring at layby.

# SUGARCANE (Florida Only)

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

SUGARCANE (FLORIDA ONLY) APPLICATIONS			
METRIBUZIN 75 WDG Lb/Acre	REMARKS		
1-1/3 to 2-2/3	GROUND APPLICATION: METRIBUZIN 75 WDG 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.		
1-1/3 to 2	<b>AERIAL APPLICATION:</b> Apply when weeds are less than 4 inches tall in 5 to 10 gallons of spray mixture per acre. Apply to stubble or plant cane while the sugarcane is less than 14 inches tall.		

**METRIBUZIN 75 WDG PLUS Atrazine TANK-MIX: METRIBUZIN 75 WDG** may be used with atrazine as a preemergence or postemergence (before row closing) application to sugarcane. Rates for **METRIBUZIN 75 WDG** are 1 to 2-2/3 lb/acre and atrazine 80% WP (4L) are 2-1/2 to 5 lb/acre (2 to 4 qt/acre). For additional information on precautions, instructions, limitations, application, and weeds controlled, refer to this label and the atrazine label.

#### **RESTRICTIONS (Florida only):**

Do not use more than 2-2/3 lb per acre in a single growing season.

Do not use on sand soils.

Do not apply within 60 days of harvest.

Do not use treated crop for feed or forage.

#### **PRECAUTIONS:**

Spray contact with sugarcane foliage may result in minor leaf margin chlorosis and/or necrosis.

Avoid spray overlaps or variations in application speed that may result in insufficient or excessive rates of application.

# TOMATOES

Apply **METRIBUZIN 75 WDG** herbicide with ground equipment to seeded and transplanted tomatoes as specified below under "Applications."

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

Do not use air blast or other high-pressure spray equipment to make postemergence applications of **METRIBUZIN 75 WDG**. Refer to the appropriate section of this label for additional information regarding spray equipment, dilution rates, mixing, sprayer cleanup, restrictions, container disposal and cautions. For specific application information see the "Product Information" section in the front of this label.

WEEDS CONTROLLED					
	PREPLANT INCORPORATED APPLICATIONS TRANSPLANT TOMATOES ONLY				
Broadcast Sprays - 1/3 to 2/3 Lb METRIBUZIN 75 WDG/Acre					
Broadleaves					
Galinsoga	Lambsquarters	*Pigweed, Redroot	*Purslane, Common		

(Galinsoga spp.)	(Chenopodium album)	(Amaranthus retroflexus)	(Portulaca oleracea)
Grasses			
*Goosegrass			
(Eleusine indica)			
Preplant incorporated a	applications applied as directed v	vill suppress foxtails, panicums	and barnyardgrass.
	/Trifluralin Tank-mix: This tank		
this label will control the	e weeds listed above plus those	weeds listed on the trifluralin la	abel.
*For optimum control of	f these weeds, use the highest ra	ate allowed on the label for the	type of application to be made.

e type of appl

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.

	WFF	OS CONTROLLED			
		ICATIONS ESTABLISHED TO	DMATOES		
For effective control of we		ions, apply METRIBUZIN 75 WDO			
	Broadcast Sprays 1/3 to	o 2/3 Lb METRIBUZIN 75 WD	G/Acre		
Broadleaves					
Carpetweed (Mollugo verticillata) Fumitory (Fumaria officinalis) Galinsoga (Galinsoga spp.) *Jimsonweed (Datura stramonium)	*Ladysthumb (Polygonum persicaria) Lambsquarters (Chenopodium album) Mustard, Wild (Brassica kaber)	Pigweeds (Amaranthus spp.) Purslane (Portulaca oleracea) *Ragweed, Common (Ambrosia artemisiifolia)	*Smartweed, Pennsylvania (Polygonum pensylvanicum) Toadflax (Linaria spp.) *Velvetleaf (Abutilon theophrasti)		
<b>O</b>	Directed Sprays 2/3 to	1-1/3 Lb METRIBUZIN 75 WD	G/Acre		
Grasses *Foxtail, Yellow (Setaria glauca)					
*For optimum control o Repeat postemergence Postemergence applica	f these weeds, use the highes e applications may be needed ations as directed on this labe	for best control.	the type of application to be made. and crabgrass when these weeds		
are less than 1-inch tal	l.				

BROADCAST APPLICATIONS FOR TOMATOES			
METRIBUZIN 75 WDG Lb/Acre	REMARKS		
1/3 to 2/3	<b>PREPLANT INCORPORATED - TRANSPLANT TOMATOES ONLY:</b> Apply specified dosage in 10 or more gallons of water per acre as a broadcast spray to the soil surface immediately before transplanting. Incorporate to a depth of 2 to 4 inches with equipment capable of uniformly mixing the chemical into the soil. This application may be made alone or in a tank-mix combination with trifluralin. When transplanting tomatoes, place the root system of the plants below the herbicide incorporation zone or injury may occur. Refer to the trifluralin label for specific rate of application and for additional precautions and restrictions for tomatoes.		
1/3 to 2/3	<b>POSTEMERGENCE BROADCAST SPRAY - ESTABLISHED TOMATOES:</b> Apply specified dosage in 20 or more gallons of water per acre as a broadcast spray, or apply in 1/4 to 3/4 inch of water (use 1/4 to 1/2 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.)		
2/3 to 1-1/3	<b>POSTEMERGENCE DIRECTED SPRAY - ESTABLISHED TOMATOES:</b> 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 may be used for use in		

fields with a history of severe weed pressure or in fields infested with hard-to-control weeds. For
transplanted tomatoes, do not apply until transplants have recovered from transplant shock and
new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides.
(See "Special Precautions" below.) When banding 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

\* Use the higher rate in fields with a history of severe weed pressure and for maximum residual weed control.

USE RESTRICTIONS (Tomatoes): Do not apply more than a total of 1-1/3 lb METRIBUZIN 75 WDG per crop season.

Do not apply the total amount of 1-1/3 lb **METRIBUZIN 75 WDG** within a time span of less than 35 days, except in the case of directed sprays.

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

Do not apply within 7 days of harvest.

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

Do not use hot caps on tomatoes within 7 days before or at any time after application of METRIBUZIN 75 **WDG**. 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 75 WDG, treat only a small area to determine if **METRIBUZIN 75 WDG** can be used without injury to the crop.

Aerial application is prohibited.

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

# CEREALS

### (Spring and Winter Barley and Winter Wheat)

METRIBUZIN 75 WDG herbicide may be used for control or suppression of certain grasses and broadleaf weeds when applied postemergence to spring and winter barley or winter wheat. METRIBUZIN 75 WDG alone and several tank-mixture treatments may be used 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 "Product Information" section of this label for specific mixing procedures. When tankmixing, carefully follow the instructions on this label. Refer to the other product labels registered for use in barley and winter wheat for additional use directions, rates, weeds controlled and restrictions.

Application: METRIBUZIN 75 WDG 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 rates specified on this label. Do not apply METRIBUZIN 75 WDG through any type of irrigation equipment. Apply METRIBUZIN 75 WDG when the crop is healthy and actively growing. METRIBUZIN 75 WDG 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 75 WDG** (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 must not exceed 1 inch. Allow a minimum of 14 days between the first irrigation and subsequent irrigations.

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

**Tank-mixtures: METRIBUZIN 75 WDG** may be tank-mixed with Metsulfuron-methyl, Thifensulfuronmethyl, Tribenuron-methyl, Triasulfuron, Chlorsulfuron, , 2,4-D, MCPA, Dicamba, Bromoxynil herbicides. A nonionic surfactant containing at least 80% active ingredient may be used in **METRIBUZIN 75 WDG** tankmixes with sulfonylurea herbicides (Ally, Amber, Finesse, Glean FC and Harmony Extra). Do not use a crop oil concentrate or any adjuvant containing vegetable or petroleum oils with any **METRIBUZIN 75 WDG** mix as crop injury may result. Additional pesticides may also be tank-mixed with **METRIBUZIN 75 WDG** 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 75 WDG** 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.

**PRECAUTIONS:** Cereal Injury - Crop injury may occur if **METRIBUZIN 75 WDG** is applied.

- 1. When the crop is under stress such as winter kill, frost damage, disease, drought or excessive moisture, severe grazing, or when these conditions follow the application.
- 2. In combination with fluid fertilizer especially with the addition of surfactant.
- 3. Prior to the growth stage specified on this label.
- 4. To soils high in lime or sodium, a pH greater than 7.7, calcareous, gravelly, thinly covered or exposed subsoil areas.
- 5. To fields where cereal 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 75 WDG:** If planting a sensitive cereal variety (listed under the wheat and barley variety tolerance portion of this label), following potatoes treated with **METRIBUZIN 75 WDG** or Metribuzin containing products, refer to the potato section of the **METRIBUZIN 75 WDG** label for special cultural practices to follow.

#### **APPLICATION DIRECTIONS**

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

	POSTEMERGENCE BROADCA	AST APPLICATIONS OF METRIB			
CROP	METRIBUZIN 75 WDG RATE (oz/A)				
GROWTH	SOIL TEXTURE	% ORGANIC MATTER			
STAGE		0.75 to 2.0	Over 2.0		
2 Leaf	Coarse	1 to 2	1 to 3		
Z Leai	Medium	1 to 3	2 to 3		
to	Fine	2 to 3	2 to 4		
10		condary roots smaller than 1 inch.			
2 Tiller		gated), apply the highest allowable	rate to achieve maximum wee		
2 11101	suppression/control.				
	Coarse	3 to 4	4 to 5		
	Medium	4 to 5	5 to 6		
3 Tiller	Fine	5 to 6	5 to 6		
to 4 Tiller	than 1 inch long. Do not apply before 75 days after planting. For dryland winter wheat (non-irrigated), apply the highest allowable rate to achieve maximum wee suppression/control. GEORGIA ONLY: Wheat must be planted before November 15 in the Piedmont area and Norther part of the state, and before December 1 in the Coastal Plain area.				
	Coarse	4 to 6	5 to 8		
	Medium	4 to 8	5 to 8		
	Fine	5 to 8	8 to 10-2/3		
Over 4 Tillers	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 must be developed and larger than 1 inch long. Do not apply before 75 days after planting. For dryland winter wheat (non-irrigated), apply the highest specified 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 75 WDG**. Varieties below are <u>tolerant</u> to and are <u>specified</u> for use with **METRIBUZIN 75 WDG**:

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, Lamed, 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 2555, PI 2566, PI2571, 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, Tiber, 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 <u>sensitive</u> to **METRIBUZIN 75 WDG** and are <u>not specified</u> 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 W71, 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 an Albaugh, LLC representative or herbicide expert for a variety recommendation prior to treatment or treat a small strip of the unlisted variety with the specified **METRIBUZIN 75 WDG** rate to ascertain crop tolerance before treating an entire field.

\* Abbreviated names of vendors: 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 specified rates, **METRIBUZIN 75 WDG** will control many annual broadleaf weeds. Control is best when applied to young, actively growing weeds. Weeds controlled by **METRIBUZIN 75 WDG** include:

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

#### WEEDS SUPPRESSED

**METRIBUZIN 75 WDG** 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 allowable 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*	Kochia*	Mustard, Tansy	Thistle, Russian
Buttercup, spp.	Lettuce, Prickly	Mustard, Tumble (Jim Hill)*	Vetch, Winter
Cowcockle			
Grasses			
Barley, Hare (Wild)	Bluegrass, Bulbous	Cheat*	Whitlowgrass,
Barley, Little	Brome, Downy*	Foxtail, spp.*	Spring (Vernal)
Blackgrass	Brome, Japanese*	Oat, Wild*	Windgrass
Bluegrass, Annual	Brome, Ripgut*	Rescuegrass*	-
* Use the highest allowa	ble METRIBUZIN 75 WDG ra	te for maximum weed suppression	n.

# FOR WEED CONTROL IN A WHEAT/FALLOW/WHEAT ROTATION (Idaho, Oregon, Utah and Washington Only)

**METRIBUZIN 75 WDG** 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 "Product Information" section in the front of this label. Where weed growth is present at application time, apply **METRIBUZIN 75 WDG** with paraquat or other contact herbicide. Refer to the other product label registered for additional directions, rates, and weed species controlled.

WEEDS CONTROLLED				
Broadleaves				
Chickweed, Common (Stellaria media) 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 (Evrsimum repandum)	Mustard, Wild ( <i>Brassica kaber</i> ) Pennycress, Field (Fanweed) ( <i>Thlaspi arvense)</i> Pigweeds ( <i>Amaranthus</i> spp.)	*Russian Thistle (Salsola iberica) *Wild Sunflower ( <i>Helianthus</i> spp.)	
Grasses				
Cheatgrass	Downy Brome	*Wheat, Volunteer		
(Bromus secalinus)	(Bromus tectorum)	( <i>Triticum</i> spp.)		
*Note: Since control of the rate must be used.	ese weeds may be variable dep	pending on moisture following a	pplication, the higher label	

After Harvest Application (Fall Fallow): METRIBUZIN 75 WDG may be applied to wheat stubble after harvest in the Fall. Apply 2/3 to 5/6 lb per acre broadcast before weeds emerge. Use higher rate for longer weed control or for weeds designated as requiring the higher rate for control. Rainfall (1/2 inch or more) is necessary for herbicide activation.

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

Do not rotate any crop not listed on this label for 18 months following application of **METRIBUZIN 75 WDG**. **METRIBUZIN 75 WDG** may be applied at 2/3 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 75 WDG** may be applied to wheat stubble in the Spring. Apply 1/2 to 2/3 lb per acre broadcast before weeds emerge in the Spring. Use higher rate for longer weed control or weeds designated as requiring higher rate for control. Rainfall (1/2 inch or more) is necessary for herbicide activation.

#### **RESTRICTIONS:**

Do not graze treated fields. Do not plant Spring seeded cereals following Fall fallow applications of **METRIBUZIN 75 WDG**. Where **METRIBUZIN 75 WDG** was applied in the Fall, do not apply **METRIBUZIN 75 WDG** in the Spring.

# FOR WEED CONTROL IN A FALLOW ROTATION WITH BARLEY AND WHEAT (Colorado, Kansas, Montana, Nebraska, and Wyoming Only)

**METRIBUZIN 75 WDG** 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 "Product Information" section in the front of this label. Where weed growth is present at application time, **METRIBUZIN 75 WDG** must be applied with paraquat, glyphosate, 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 75 WDG.

WEEDS CONTROLLED				
Broadleaves				
Chickweed, Common (Stellaria media) Cowcockle (Vaccaria pyramidata) Henbit (Lamium amplexicaule) *Kochia (Kochia scoparia) Grasses	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 ( <i>Amaranthus</i> spp.) Russian Thistle ( <i>Salsola iberica</i> ) Sunflower ( <i>Helianthus</i> spp.)	
Cheatgrass (Bromus secalinus) Downy Brome (Bromus tectorum)	*Foxtail, Green <i>(Setaria viridis)</i>	*Wheat, Volunteer ( <i>Triticum</i> spp.)	*Wild Oats <i>(Avena fatua)</i>	
* Note: Since control of the specified below.	se weeds may vary dependi	ng on moisture following app	lication, use the higher rate	

**AFTER HARVEST APPLICATION (Fall Fallow): METRIBUZIN 75 WDG** may be applied to the 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 (1/2 inch or more) is necessary for herbicide activation.

**SPRING APPLICATION (Summer Fallow): METRIBUZIN 75 WDG** may be applied to the stubble in the Spring. Apply 1/2 to 2/3 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 (1/2 inch or more) is necessary for herbicide activation. Wheat or barley can be seeded 120 days after Spring application.

#### **Use Restrictions:**

Do not graze treated fields. Do not plant Spring seeded cereals following Fall applications for fallow. Where **METRIBUZIN 75 WDG** was applied in the Fall, do not apply **METRIBUZIN 75 WDG** in the Spring.

#### STORAGE AND DISPOSAL

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

**STORAGE:** This product may be stored at temperatures down to -30°F. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Open dumping is prohibited. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

#### CONTAINER HANDLING:

**[For Containers < 5 gallons:]** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a

mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, by incineration.

**For Minibulk Containers [for nonrefillable containers > 5 gallons]:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container or pressure rinse promptly after emptying. Triple rinse as follow: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto it other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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

Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

**For Bulk Containers [for refillable containers > 5 gallons]:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or system. Repeat this rinsing procedure two more times. When the container is empty, replace the cap and seal all openings that have been opened during use; and return to the point of purchase, or to a designated location named at the time of purchase of this product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. Do not transport if this container is damaged or leaking. If the container is damaged or leaking, call CHEMTREC. If the container is damaged and leaking or material has been spilled, follow these procedures:

- Cover spill with absorbent material.
- Sweep into disposal container.
- Wash area with detergent and water and follow with clean water rinse.
- Do not allow to contaminate water supplies.
- Dispose of according to instructions.

If not returned to the point of purchase or to a designated location, clean empty container as instructed above and offer for recycling. Disposal of this container must be in compliance with state and local regulations.

#### WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS 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. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY

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TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR RISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

All product names, trademarks and registered trademarks are the property of their respective owners.

031820

# LABEL HISTORY

(Not included in final printed labeling)

FILE NAME	VERSION MARK	COMMENT
042750-00GAU.20200220.DRAFT	031820	Revised label as per EPA requested changes.