METRIBUZIN	**GROUP**	**5**	**HERBICIDE**
FLUMIOXAZIN	**GROUP**	**14**	**HERBICIDE**

Dimetric® Charged

FOR CONTROL AND/OR SUPPRESSION OF CERTAIN WEEDS IN BURNDOWN APPLICATIONS, FALLOW LAND AND SOYBEANS

ACTIVE INGREDIENTS:	
Metribuzin[(1)]	32.77%
Flumioxazin[(2)]	7.32%
OTHER INGREDIENTS:	59.91%
TOTAL:	100.00%

[(1)] 1,2,4-Triazin-5(4H)-one, 4-amino-6-(1,1-dimethylethyl)-3-(methylthio)

Dimetric Charged contains 3.0 pounds metribuzin per gallon.

[(2)] 2-[7-fluoro-3,4-dihydro-3-oxo-4-(2-propynyl)-2H-1,4-benzoxazin-6-yl]-4,5,6,7-tetrahydro-1H-isoindole-1,3(2H)-dione

Dimetric Charged contains 0.67 pounds flumioxazin per gallon.

Shake Well Before Use

KEEP OUT OF REACH OF CHILDREN

CAUTION / PRECAUCIÓN

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

SEE INSIDE BOOKLET FOR FIRST AID, ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 424-7452

MANUFACTURED FOR:
WINFIELD SOLUTIONS, LLC
P.O. BOX 64589
ST. PAUL, MN 55164-0589

NET CONTENTS:

EPA REG. NO. 71368-125-1381

EPA EST. NO. 228-IL-001

1/1227/8

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

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-424-7452 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCIÓN

Harmful if absorbed through skin or if swallowed. Avoid contact with skin, eyes and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinyl chloride (PVC) ≥14 mils, or Viton® ≥14 mils, and
- shoes and socks.

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

Engineering Controls

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

Users Should:

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates and non-target plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high watermark. Drift and runoff may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not apply where run-off is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This pesticide is toxic to plants and should be used strictly in accordance with the drift and run-off precautions on this label in order to minimize off-site exposures.

Under some conditions, this product may have a potential to run-off to surface water or adjacent land. Where possible, use methods which reduce soil erosion, such as no till, limited till and contour plowing; these methods also reduce pesticide run-off. Use of vegetation filter strips along rivers, creeks, streams, wetlands or on the downhill side of fields where run-off could occur will minimize water run-off and is recommended.

GROUNDWATER ADVISORY

An ingredient in this pesticide product (metribuzin) is a chemical which can travel (seep or leach) through soil and can contaminate groundwater 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 (groundwater) is close to the surface, and where the soils are very permeable, i.e., well drained soils such as loamy sands. Contact your local agricultural agencies for further information on the type of soil in your area and the location of groundwater.

PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow product to come in contact with oxidizing agent. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

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

Read the entire label before using this product. Use strictly in accordance with label precautionary statements and directions, and with applicable state and federal regulations.

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.

Observe all restrictions, precautions and limitations on this label and on the labels of products used in combination with Dimetric Charged. Do not use this product other than in accordance with the instructions set forth on this label. The use of Dimetric Charged not consistent with this label may result in injury to crops. Keep containers closed to avoid spills and contamination.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 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 (REI). The requirements in this box only apply to users of this product that are covered by the WPS.

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, chemical resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, natural rubber ≥14 mils, polyethylene, polyvinyl chloride (PVC) ≥14 mils, or Viton® ≥14 mils, and 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 WPS for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural crops on farms, forests, nurseries, or greenhouses.

Keep all unprotected persons out of operating areas, or vicinity where there may be drift.

Do not enter or allow others to enter the treated area until sprays have dried.

PRODUCT INFORMATION

Dimetric Charged is a liquid selective herbicide for preemergence control or suppression of susceptible broadleaf weeds and certain annual grass weeds and sedges in specified crops. Dimetric Charged also offers control of certain emerged broadleaf weeds when applied as part of a burndown treatment or for use to maintain bare ground on non-crop areas of farms. Dimetric Charged has two modes of action and rapidly inhibits the growth of susceptible weed species.

Preemergence applications of Dimetric Charged require rainfall or irrigation to activate the herbicide. The amount of rainfall or irrigation required for activation following application depends on existing soil moisture, organic matter content and soil texture. Dimetric Charged must be activated by 1/2 to 1 inch of rainfall or irrigation water or erratic weed control will result. If adequate moisture (1/2 to 1 inch) is not received within 7 to 10 days after the treatment, a shallow cultivation may be needed to aid in activation to obtain desired weed control. When sufficient moisture is received after dry conditions, Dimetric Charged will provide control of susceptible germinating weeds. Activity on

established weeds is dependent on the weed species and the depth of the root system in the soil. In use on label crops, soil applications of Dimetric Charged must be made before the crop emerges. Following application, susceptible weed species may germinate and emerge. Seedling weeds will then either turn brown or die shortly after being exposed to light, or will cease growing, turn yellow and then turn brown from the growing point out. Susceptible species usually do not grow past the cotyledon stage before they die from either mode of action.

PRODUCT RESTRICTIONS

- Do not apply Dimetric Charged when weather conditions favor spray drift from treated areas.
- Do not apply during low-level inversion conditions, including fog.
- Do not apply to frozen or snow covered soil.
- Low-pressure high volume hand wand equipment and high-volume hand-wand equipment are prohibited.
- Do not apply this product through any type of irrigation system.
- Spray equipment used to apply Dimetric Charged must not be used for other foliar applications until proper clean out procedures have been followed. See **MIXING PROCEDURES** section for sprayer cleanup instructions.
- Do not apply within 300 yards of non-dormant pears.
- Do not allow sprays to drift on to adjacent desirable plants.
- When applying by air, observe drift management restrictions and precautions listed under the **SPRAY DRIFT MANAGEMENT** section.
- When the active ingredients in Dimetric Charged (Flumioxazin and Metribuzin) are used in the same year and on the same acre previously applied, user must follow restrictions on maximum active ingredient usage per acre for that active ingredient and not exceed the annual maximum amount of a given active ingredient.

Spray equipment used to apply Dimetric Charged must not be used to apply other materials to any crop foliage, unless the proper cleanout procedures are followed. See SPRAYER CLEANUP for more information.

GEOGRAPHICALLY SPECIFIC RESTRICTIONS

- In New York State - Not for Sale or Use on Long Island.
- In California - Fertilizer solutions may not be used.

USE PRECAUTIONS

- Uneven application or improper incorporation can decrease the level of weed control and/or increase the level of injury.
- Use post directed and layby applications of Dimetric Charged only to healthy growing crops.

WEED RESISTANCE MANAGEMENT

Dimetric Charged contains both a Group 14 herbicide (flumioxazin: a protoporphyrinogen oxidase (PPO) inhibitor) and a Group 5 herbicide (metribuzin: a photosynthetic inhibitor). Any weed population may contain plants naturally resistant to Group 14 and/or Group 5 herbicides. The resistant individuals may eventually dominate the weed population if Group 14 and/or Group 5 herbicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

When herbicides that affect the same biological site of action are used repeatedly over several years to control the same weed species in the same field, naturally occurring resistant biotypes may survive a correctly applied herbicide treatment, propagate, and become dominant in the field. Adequate control to these resistant weed biotypes cannot be expected. If weed control is unsatisfactory, it may be necessary to retreat the problem area using a product affecting a different site of action.

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

- Rotate the use of Dimetric Charged or other Group 5 and Group 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a

different group or by a mechanical method 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 Dimetric Charged, discontinue use of Dimetric Charged, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact your local Winfield Solutions, LLC representative.

  It is advisable to keep accurate records of pesticides applied to individual fields to help obtain information on the spread and dispersal of resistant biotypes. Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to this MOA have been found in your region. Do not assume that each listed weed is being controlled by this mechanisms of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredient in Dimetric Charged.

INTEGRATED PEST MANAGEMENT

To better control pests, Winfield Solutions, LLC recommends the use of Integrated Pest Management (IPM). Dimetric Charged may be used as part of an Integrated Pest Management program, which can include biological, cultural, and genetic practices, aimed at preventing economic pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your agricultural dealer, consultant, applicator, and/or appropriate state agricultural extension service representative for treating specific pest/crop or site systems in your area.

ENVIRONMENTAL CONDITIONS AND BIOLOGICAL PERFORMANCE

Preemergence Application

Important: Crop injury may occur from applications made to poorly drained soils and/or applications made under cool, wet conditions. Risk of crop injury can be minimized by using on well drained soils, planting at least 1.5 inches deep, using high quality seed and completely covering seeds with soil prior to preemergence applications. Treated soil that is splashed onto newly emerged crops may result in temporary crop injury.

Moisture is necessary to activate Dimetric Charged in soil for residual weed control. Dry weather following applications of Dimetric Charged may reduce effectiveness. However, when adequate moisture is received after dry conditions, Dimetric Charged will control susceptible germinating weeds. Dimetric Charged may not control weeds that germinate after application but before an activating rainfall/irrigation or weeds that germinate through cracks resulting from dry soil.

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

Burndown Application

For best results, apply Dimetric Charged as part of a burndown program to actively growing weeds. Applying Dimetric Charged under conditions that do not promote active weed growth will reduce herbicide effectiveness. Do not apply Dimetric Charged when weeds are under stress due to drought, excessive water, extremes in temperature, disease or low humidity. Weeds under stress tend to become less susceptible to herbicidal action. Dimetric Charged is most effective when applied under warm sunny conditions.
Reduced residual weed control may occur when burndown applications are made to fields where heavy crop and/or weed residue exist.

Rainfast

Dimetric Charged is rainfast one hour after application. Postemergence efficacy may be reduced if rain is expected within one hour of application.

Soil Characteristics

Application of Dimetric Charged to soils with high organic matter and/or high clay content may require higher dosages than soils with low organic matter and/or low clay content. Application to cloddy seedbeds can result in reduced weed control.

Soil Types:

Fine: clay, clay loam, silty clay, silty clay loam
Medium: silt, silty loam, loam, sandy clay, sandy clay loam
Coarse: sandy loam, loamy sand, sand

APPLICATION PROCEDURES

HERBICIDE RATE

Dimetric Charged application rate for preemergence application, as well as when used as part of a burndown residual program, is based upon soil characteristics and the most difficult-to-control weed species being targeted for preemergence control.

ADDITIVES

Burndown Application (Prior to Crop Emergence)

Postemergence control of weeds from tank mixes of Dimetric Charged will require the addition of an agronomically approved adjuvant to the spray mixture. Either a crop oil concentrate or methylated seed oil which contains at least 15% emulsifiers and 80% oil or a non-ionic surfactant at 0.25%v/v, may be used when applying Dimetric Charged as part of a burndown program. Some tank mix partners, such as Roundup Power Max® and Credit® Xtreme are formulated with sufficient adjuvants and do not require the addition of a crop oil concentrate, methylated seed oil or non-ionic surfactant when tank mixed with Dimetric Charged. The addition of a crop oil concentrate or methylated seed oil may increase the burndown activity on certain weeds such as cutleaf eveningprimrose and Carolina geranium. Mixing compatibility qualities should be verified by a jar test.

A spray grade nitrogen source (either ammonium sulfate at 2 to 2.5 pounds per acre or a 28 to 32% nitrogen solution at 1 to 2 quarts per acre) may be added to the spray mixture along with either a crop oil concentrate, methylated seed oil or non-ionic surfactant to enhance weed control. The addition of a nitrogen source does not replace the need for a crop oil concentrate, a methylated seed oil or a non-ionic surfactant.

APPLICATION EQUIPMENT

Application equipment should be clean and in good repair. Space nozzles uniformly on boom and frequently checked for accuracy.

BROADCAST APPLICATION

Apply Dimetric Charged and tank mixes of Dimetric Charged, with ground equipment using standard commercial sprayers equipped with flat fan or flood nozzles (preemergence applications only) designed to deliver a minimum of 10 to 40 gallons of spray mixture per acre broadcast.

GROUND APPLICATION

- **Preemergence Application (Conventional Tillage):** To ensure uniform coverage, use 10 to 30 gallons of a medium or coarse spray solution per acre for conventional tillage applications. Nozzle selection must meet manufacturer's gallonage and pressure specifications for preemergence herbicide application.
- **Burndown Application (Prior to Crop Emergence):** To ensure thorough coverage in burndown applications, use 15 to 40 gallons spray solution per acre. Use 20 to 40 gallons per acre if dense vegetation or heavy crop residue is present. Nozzle selection must meet manufacturer's gallonage and pressure specifications for postemergence herbicide application. Use nozzles that provide a medium spray solution.

BAND APPLICATION

When banding, use proportionately less water and Dimetric Charged per acre. The rate of Dimetric Charged required per acre, when applied as a banded application, can be calculated with the following formula:

$$\frac{\text{Amount Needed per Acre for}}{\text{Banded Application}} = \frac{\text{Band Width in Inches}}{\text{Row Width in Inches}} \times \text{Rate per Broadcast Acre}$$

HANDGUN APPLICATION

Applications may also be made using a handgun sprayer. Use a spray volume of at least 40 gallons per acre to insure uniform coverage.

AERIAL APPLICATION

Spray drift away from the site of application may cause damage to non-target vegetation. To minimize drift, apply the largest droplet size consistent with uniform coverage and satisfactory weed control. To obtain satisfactory application and avoid drift, the following directions must be observed:

- Do not apply during low-level inversion conditions (including fog), when winds are gusty or under other conditions that favor drift. Do not spray when wind velocity is less than 2 mph or more than 10 mph.
- Apply only as a medium or coarser spray (ASABE standard 572.1) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.
- Do not apply Dimetric Charged by air within 40 feet of non-target plants including non-target crops.

- Do not apply Dimetric Charged by air within 100 feet of emerged cotton crops.
- Do not apply Dimetric Charged by air within 40 feet of streams, wetlands, marshes, ponds, lakes and reservoirs.

Carrier Volume and Spray Pressure: When used as part of a burndown weed control program, apply Dimetric Charged in 7 to 10 gallons of water per acre. Application at less than 7 gallons per acre may provide inadequate control. When used for preemergence weed control, apply Dimetric Charged in 5 to 10 gallons of water per acre. The higher gallonage applications generally afford more consistent weed control. Do not exceed the nozzle manufacturer's specified 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.

Nozzle Selection and Orientation: Formation of very small drops may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray pressure. Use nozzles that produce flat or hollow cone spray patterns. Use non-drip type nozzles, such as diaphragm type nozzles, to avoid unwanted discharge of spray solution. The nozzles must be directed toward the rear of the aircraft, at an angle between 0 and 15° downward. Do not place nozzles on the outer 25% of the wings or rotors.

Adjuvants and Drift Control Additives: Refer to tank mix partner's label for adjuvant recommendation. Drift control additives maybe used. When a drift control additive is used, read and carefully observe the cautionary statements and all other information appearing on the additive label.

APPLICATION WITH DRY BULK FERTILIZERS

Dry bulk fertilizer may be impregnated or coated with Dimetric Charged for application to established soybeans. Application of dry bulk fertilizer with Dimetric Charged provides weed control equal to, or slightly below, the same rate of Dimetric Charged applied in liquid carriers, due to better coverage with application via spray equipment. Follow label instructions for Dimetric Charged regarding rates, special instructions, cautions and special precautions. Apply 400 to 700 pounds of the fertilizer/herbicide mixture per acre to obtain adequate soil coverage. Apply the mixture to the soil with properly calibrated equipment immediately after blending. Uniform application of the herbicide/fertilizer mixture is essential to prevent possible crop injury and to obtain uniform weed control.

Ammonium nitrate and/or limestone should not be used as the sole source of fertilizer, as Dimetric Charged may not adhere to these materials.

Compliance with all Federal and State regulations relating to blending pesticide mixtures with dry bulk fertilizer, registrations, labeling and application are the responsibility of the individual and/or company offering the fertilizer and mixtures of Dimetric Charged for sale.

Dimetric Charged must be premixed with water to form a slurry prior to impregnation on dry bulk fertilizer. For best results, use a minimum of 1 pint of water for each 2 fluid ounces of Dimetric Charged. A minimum of 6 pints of slurry of Dimetric Charged should be used to impregnate 2000 pounds of the fertilizer for uniform coverage of the fertilizer. Closed drum, belt, ribbon or other commonly used dry bulk blenders may be used. The amount of Dimetric Charged required can be calculated with the following formula:

$$\frac{\text{Fluid Ounces of Dimetric Charged}}{\text{Per Ton of Fertilizer}} = \frac{\text{Fluid Ounces of Dimetric Charged}}{\text{Per Acre}} \times 2{,}000 \div \text{Pounds of Fertilizer Per Acre}$$

Thoroughly clean dry fertilizer blending equipment after Dimetric Charged has been placed in the system to avoid injury to sensitive crops that may be treated with fertilizers blended after the equipment has been used for Dimetric Charged. Rinse the sides of the blender and the herbicide tank with water. Then impregnate the rinsate onto a load of dry fertilizer intended for an approved crop. Use a maximum rate of 1 gallon of rinsate per ton of fertilizer. Follow with 1 to 2 loads of unimpregnated fertilizer in the blender before switching herbicides.

NOTE: Fertilizer solutions may not be used in California.

TANK MIXES

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.

Dimetric Charged may be mixed with glufosinate or glyphosate formulations labeled for burndown programs (preplant or preemergent to crop) in accordance with the most restrictive label restrictions, limitations and precautions. Labeled application rates must not be exceeded. Do not mix Dimetric Charged with any product containing a label prohibition against such mixing.

Uses:
- Dimetric Charged provides residual control of susceptible weeds.
- Dimetric Charged provides burndown activity.

- Dimetric Charged can be applied alone, or as part of a burndown program for control of susceptible winter annuals and other listed weeds.
- Dimetric Charged can be used on farms for non-selective vegetation control to maintain bare ground non-crop areas that must be kept weed free.

Read tank mix product label for rates and weeds controlled. Always read and follow label directions for all tank mix products before using. The most restrictive labeling of any tank mix product must be followed. When Dimetric Charged is applied according to label use directions, it will control the weeds claimed in crop specific use directions. This label makes no claims concerning control of other weed species.

JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND DIMETRIC CHARGED

When using Dimetric Charged and an adjuvant, such as in stale seed bed, layby, hooded/shielded or reduced tillage situations, a jar test should be performed before mixing commercial quantities of Dimetric Charged, when using Dimetric Charged for the first time, when using new adjuvants or when a new water source is being used.

1. Add 1 pint of the water to a quart jar. The water should be from the same source and temperature as which will be used in the spray tank mixing operation.
2. Add 1 milliliter of Dimetric Charged to the quart jar for every 3 fluid ounces of Dimetric Charged per acre being applied (4 milliliters if 12 fluid ounces per acre is the desired rate of Dimetric Charged), gently mix until product goes into suspension.
3. Add 60 milliliters (4 Tablespoons or 2 fluid ounces) of the crop oil or methylated seed oil to the quart jar or 1 milliliter of non-ionic surfactant if it is being used in place of oil, gently mix.
4. If nitrogen is being used, add 16 milliliters (1 Tablespoon or 0.5 ounce) of the 28 to 32% nitrogen source to the quart jar. If ammonium sulfate is being used, add 19 g AMS to the quart jar in place of the 28 to 32% nitrogen.
5. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
6. An ideal tank mix combination will be uniform. If any of the following conditions are observed the choice of adjuvant should be questioned:

    a) Layer of oil or globules on the mixture's surface.

    b) Flocculation: fine particles in suspension or as a layer on the bottom of the jar.

    c) Clabbering: Thickening texture (coagulated) like gelatin.

SPRAYER PREPARATION

Before application of Dimetric Charged, start with clean, well maintained application equipment. The spray tank, as well as all hoses and booms, must be cleaned to ensure no residue from the previous spraying operation remains in the sprayer. Some pesticides, including but not limited to, the sulfonylurea and phenoxy herbicides, (i.e., Classic® and 2,4-D respectively) are active at very small amounts and can cause crop injury when applied to susceptible crops. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the equipment is used to apply Dimetric Charged. If two or more products were tank mixed prior to application of Dimetric Charged, the most restrictive cleanup procedure must be followed.

MIXING INSTRUCTIONS

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. If a drift retardant is to be used, add 10 pounds of spray grade ammonium sulfate per 100 gallons of spray solution.
3. Agitate solution. Agitation should create a rippling or rolling action on the water surface.
4. If tank mixing Dimetric Charged with other labeled herbicides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions. Prepare no more spray mixture than is required for the immediate spray operation.
5. Add any required adjuvants.
6. Fill spray tank to desired level with water. **Agitation should continue until all spray solution has been applied.**
7. Mix only the amount of spray solution that can be applied the day of mixing. Dimetric Charged should be applied within 6 hours of mixing.

SPRAYER CLEANUP

Spray equipment, including mixing vessels and nurse tanks, must be cleaned each day following application of Dimetric Charged. After Dimetric Charged is applied, the following steps must be used to clean the spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Top off tank, add 1 gallon of 3% household ammonia (or equivalent) for every 100 gallons of water, circulate through sprayer for 5 minutes, and then flush all hoses, booms, screens and nozzles for a minimum of 15 minutes. If diaphragms are being used on the spray boom, loosen diaphragms before flushing the spray system, allowing cleaning solution to spray through the open diaphragm. If spray lines have any end caps, they must be loosened before flushing the system, allowing cleaning solution to spray through the loosened caps. To enhance removal of Dimetric Charged from the spray system, add a tank cleaner such as **Valent Tank Cleaner** from Valent U.S.A. Corporation, in place of ammonia and allow the cleaning solution to remain in the pressurized spray system (spray tank, hoses and boom) overnight before flushing the system for a minimum of 15 minutes.

4. Drain tank completely.
5. Add enough clean water to the spray tank to allow all hoses, booms, screens and nozzles to be flushed for 2 minutes.
6. Remove all nozzles and screens and rinse them in clean water.
7. Spray equipment, including all tanks, hoses, booms, screens and nozzles, must be thoroughly cleaned before it is used to apply postemergence pesticides. Equipment with residue of Dimetric Charged remaining in the system may result in crop injury to the subsequently treated crop.

ROTATIONAL RESTRICTIONS

If the crop treated with Dimetric Charged is lost due to a catastrophe, such as hail or other forms of inclement weather, soybeans can be replanted immediately provided no additional treatment with Dimetric Charged is made. Do not replant treated fields with any crop at intervals that are inconsistent with the crop rotation intervals listed in the **CROP ROTATION RESTRICTIONS** section. Where a tank mix is used, refer to the tank mix product's label(s) for any additional replant instructions.

CROP ROTATIONAL RESTRICTIONS

User must follow the rotation intervals in table below after applying Dimetric Charged. Planting earlier than the specified rotational interval may result in crop injury.

The following table lists rotational crop restrictions for an application of the maximum use rate on the label. Some crops in the table have specific use directions for lower rate that may be applied closer to planting. Refer to the DIRECTIONS FOR USE section for each crop to obtain the appropriate interval between application and planting for the rate of product applied.

Minimum Rotation Interval (Months After Last Dimetric Charged Application)	Crops to be Planted[1]
4 Months	Barley[2], Corn (Field and Sweet), Sugarcane, Soybean and Wheat[3]
5 Months	Alfalfa (tilled) (18 fl oz/A and under Dimetric Charged)
8 Months	Lentils, Peas, Barley[4]
9 Months	Wheat[5]
12 Months	Potatoes, Rice[6] and Alfalfa (tilled) (greater than 18 fl oz/A and under Dimetric Charged)
18 Months	Sugar Beets, Onions, Alfalfa (not tilled), other root crops not listed and all other crops not listed

[1] Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed. Stand reductions may occur in some areas.
[2] Following soybeans.
[3] Following soybeans or other labeled crops at up to 24 fl oz/A Dimetric Charged.
[4] Not following soybeans.
[5] At 24 fl oz/A Dimetric Charged or higher labeled rate
[6] Do not rotate to rice after any application to a primary crop is greater than a total of 42 fl oz of Dimetric Charged (1 lb metribuzin) per acre per season.

WEEDS CONTROLLED

PREEMERGENCE WEED TABLE

Table - Weeds Controlled or Suppressed by a Preemergence Application of Dimetric Charged

Broadleaf Weeds Controlled or Suppressed by a Preemergence Application of Dimetric Charged	
BROADLEAF WEEDS	**RATE (fl oz/A)**
Bristly Starbur	12* – 24 (24 fl oz for control)
Buffalobur	18
Carpetweed	12
Chickweeds,	
Common	12
Mouseear	12
Cocklebur	18*
Coffee Senna	15
Common Ragweed	15
Copperleaf, Hophornbeam	12* – 24 (24 fl oz for control)
Dandelion	12
Dodder [1] ¤	24*
Eclipta	12

Eveningprimrose, Cutleaf	12
Fiddleneck, Coast [1]	24
Field Pennycress [1]	12
False Chamomile / Mayweed	12
Filarees,	
Redstem	36
Whitestem	36
Fleabane, Hairy	24
Flixweed	24
Florida Beggarweed	15
Florida Pusley	12
Galinsoga	18
Giant Ragweed	18*
Golden Crownbeard	15
Groundsel, Common	24
Hairy Indigo	15
Hemp Sesbania	15
Henbit	12
Jimsonweed	15
Knotweed	18
Kochia	15
Lambsquarters, Common	12
Little Mallow	12
London Rocket	15
Mallows,	
Common (Cheeseweed)	24
Little	12
Marestail/Horseweed	12
Morningglories,	
Entireleaf	15
Ivyleaf	15
Red/Scarlet	15
Smallflower	12
Tall	15
Mustards,	
Tansy	24
Tumble	24
Wild	15
Nettle, Burning	24
Nightshades,	
Black	12
Eastern Black	12
Hairy	12
Pigweeds,	
Palmer Amaranth	15
Prostate	18
Redroot	12
Smooth	12
Spiny Amaranth	12
Tumble (Hill)	12
Waterhemps (Common and Tall)	15
Prickly Lettuce (China Lettuce)	12
Prickly Sida (Teaweed)	12
Puncturevine	12
Purslanes,	
Common	12
Horse	24
Redmaids	12
Redweed	18
Russian Thistle	12* - 18 (18 fl oz for control)

Shepherd's-purse	12
Smartweeds,	
Ladysthumb	12* – 24 (24 fl oz for control)
Pennsylvania	12* – 24 (24 fl oz for control)
Smellmelon [1]	12* – 24 (24 fl oz for control)
Sowthisles,	
Annual [1]	36
Prickly [1]	12
Spotted Spurge	12
Spurred Anoda	15
Sunflower, Common	18
Tropic Croton	15
Velvetleaf	12* - 18 (18 fl oz for control)
Venice Mallow	12
White Cockle	24
Wild Buckwheat	18*
Wild Poinsettia	15
Wild Radish	12
Wormwood, Biennial	12* – 24 (24 fl oz for control)
Yellow Rocket	15

Note: that PPO or Triazine/Photosystem 2 resistant biotype weeds may not be controlled with Dimetric Charged.
* - Suppression
[1] - Not for use in California.
¤ - Dimetric Charged at 24 fluid ounces per acre will provide postemergence dodder suppression when applied in combination with Pursuit Herbicide or Raptor Herbicide at labeled rates. The use of Pursuit Herbicide and Raptor Herbicide require the use of a NIS, which will result in burn and stunting of crop. Growers should expect and accept this prior to using this tank mix.
¥ - Tank mixes of Dimetric Charged will only control the above ground portion of field bindweed. Repeated applications will be needed to control regrowth.

Grass Weeds Controlled or Suppressed by a Preemergence Application of Dimetric Charged

GRASS WEEDS	RATE (fl oz/A)
Barnyardgrass	12* – 24 (24 fl oz for control)
Bluegrass, Annual	12* – 24 (24 fl oz for control)
Broadleaf Signalgrass	12* - 18 (18 fl oz for control)
Browntop millet	18
Cheat	18*
Crabgrass spp.	
Large	12* – 18 (18 fl oz for control)
Smooth	18
Crowfootgrass	12
Downy Brome [1]	18*
Foxtail spp.	
Bristly	18* - 36 (36 fl oz for control)
Giant	12* - 24 (24 fl oz for control)
Green	18* - 36 (36 fl oz for control)
Yellow	18* - 36 (36 fl oz for control)
Goosegrass	12* – 24 (24 fl oz for control)
Guineagrass	36
Johnsongrass, Seedling	18
Junglerice	18
Lovegrass, California	12* – 24 (24 fl oz for control)
Panciums,	
Fall	12* – 24 (24 fl oz for control)
Texas	12* – 24 (24 fl oz for control)
Ryegrasses, Italian	12* – 24 (24 fl oz for control)

Note: Grasses may not be controlled season long and should be managed as part of an intergraded control program.
* - Suppression
[1] - Not for use in California.

POSTEMERGENCE WEED TABLE (Postemergent to Weeds)

Table - Weeds Controlled or Suppressed by Postemergence Application of Dimetric Charged

Broadleaf Weeds Controlled or Suppressed by a Postemergence Application of Dimetric Charged		
BROADLEAF WEEDS (1 – 3 inches)		**RATE (fl oz/A)**
COMMON NAME	**SCIENTIFIC NAME**	
Carpetweed	*Mollugo verticillata*	12
Cocklebur	*Xanthium pensylvanicum*	12
Dayflower	*Commelina* spp.	12
Florida Beggarweed	*Desmodium tortuosum*	12
Jimsonweed	*Datura stramonium*	18
Lambsquarters, common	*Chenopodium album*	18
Mallow, Venice	*Hibiscus trionum*	18
Mexicanweed	*Caperonia castanaefolia*	12
Morningglories,		
Entireleaf	*Ipomoea hederacea var. integriuscula*	24
Ivyleaf	*Ipomoea hederacea*	18
Pitted	*Ipomoea lacunosa*	18
Red	*Ipomoea coccinea*	24
Tall	*Ipomoea purpurea*	18
Mustard, Wild	*Brassica kaber*	18
Pigweeds,		
Prostate	*Amaranthus graecizans*	12
Redroot	*Amaranthus retroflexus*	12
Smooth	*Amaranthus hybridus*	12
Plantain, Broadleaf	*Plantago major*	18
Purslane, Common	*Portulaca oleracea*	12
Ragweeds,		
Common	*Ambrosia artemisiifolia*	18
Giant	*Ambrosia trifida*	18
Rice, Flatsedge	*Cyperus iria*	18
Sesbania	*Sesbania* spp.	15
Sicklepod	*Cassia obtusifolia*	12
Sida, prickly	*Sida spinose*	15
Smartweeds,		
Ladysthumb	*Polygonum persicaria*	18
Pennsylvania	*Polygonum pensylvanicum*	18
Pale	*Persicaria lapathifolia*	18
Spotted Spurge	*Euphorbia maculata*	18
Velvetleaf	*Abutilon theophrasti*	12
Waterhemps,		
Common	*Amaranthus rudis*	18
Tall	*Amaranthus tuberculatus*	18
Grass Weeds Controlled by a Postemergence Application of Dimetric Charged		
GRASS WEEDS (less than 1 inch)		
COMMON NAME	**SCIENTIFIC NAME**	**DIMETRIC CHARGED RATE**
		RATE (fl oz/A)
Crabgrass spp.	*Digitaria spp.*	12

DIRECTIONS FOR USE IN FALLOW LAND AND PREPLANT BURNDOWN
(If not specified in the Crop Specific Burndown Sections Below)

Dimetric Charged at 12 to 24 fluid ounces–per acre can be used alone or in combination with labeled burndown herbicides to control emerged weeds and provide residual weed control.

RESTRICTIONS

- Do not apply more than 24 fluid ounces (1.5 pints) of Dimetric Charged per acre per application.
- Do not apply more than 24 fluid ounces (1.5 pints) of Dimetric Charged per acre per year.
- Do not make more than 2 applications per year.
- Do not apply to frozen or snow covered soil.
- Do not perform any tillage operation after application or residual weed control will be reduced.
- A minimum of 4 months must pass between application of Dimetric Charged and planting of wheat.
- Observe all rotational intervals prior to planting as listed in the **ROTATION RESTRICTIONS** table, or in the preplant instructions in the DIRECTIONS FOR USE for crops listed on this label.

RATE EQUIVALENCE

- 24 fluid ounces of Dimetric Charged is equivalent to 0.125 lb flumioxazin and 0.56 lb of metribuzin.
- 12 fluid ounces of Dimetric Charged is equivalent to 0.063 lb flumioxazin and 0.28 lb of metribuzin.

BURNDOWN AND FALLOW LAND USE INSTRUCTIONS:

- Dimetric Charged may be used:
- In the fall to provide residual and preemergent weed control in fallow fields,
- In a fall burndown or fallow seedbed program (however the length of residual control may be variable), and
- In a spring burndown program for the postemergence burndown of emerged weeds.

No-till planters that incorporate the soil during planting may result in decreased weed control in the row.
Abnormally warm or wet winters will reduce the length of weed control observed in the spring.

Table – Tank Mix Combinations for Preplant Burndown and Fallow land

Credit Xtreme (Glyphosate)	2,4-D	Cheetah (Glufosinate)	Paraquat

CROP SPECIFIC - PREPLANT BURNDOWN
DIRECTIONS FOR USE IN FALL AND SPRING PREPLANT BURNDOWN AND FALLOW SEEDBED PROGRAMS IN SOYBEAN
(Preplant to Crop)

RESTRICTIONS AND LIMITATIONS

- Do not apply more than 24 fluid ounces (1.5 pints) of Dimetric Charged per acre per growing season.
- Do not apply more than 24 fluid ounces (1.5 pint) of Dimetric Charged per acre during a single application.
- Do not make more than 2 applications per year.
- Do not apply to frozen or snow covered soil.
- Do not perform any tillage operation after application or residual weed control will be reduced.
- Observe all rotational intervals prior to planting as listed in the **ROTATIONAL RESTRICTIONS** table, or in the preplant instructions in the DIRECTIONS FOR USE for soybeans.
- Soybean vines or hay treated with this product may be grazed or fed to livestock 40 days after application.

RATE EQUIVALENCE

- 24 fluid ounces of Dimetric Charged is equivalent to 0.125 lb flumioxazin and 0.56 lb of metribuzin.
- 18 fluid ounces of Dimetric Charged is equivalent to 0.094 lb flumioxazin and 0.42 lb of metribuzin.
- 12 fluid ounces of Dimetric Charged is equivalent to 0.063 lb flumioxazin and 0.28 lb of metribuzin.

FALL BURNDOWN AND FALLOW SEEDBED PROGRAMS

Dimetric Charged, at 12 to 24 fluid ounces per acre can be used in the fall to provide residual weed control in fields that will be planted the following spring with soybeans (refer to **ROTATION RESTRICTIONS** table, or in the preplant instructions in the DIRECTIONS FOR USE for soybeans for rates and rotational intervals prior to planting). Weeds controlled by residual activity are listed in **Table - Weeds Controlled by a Preemergence Application of Dimetric Charged** and **Table - Weeds Controlled by Fall and Spring Preplant Burndown Programs**. If weeds have emerged at the time of application, use Dimetric Charged in combination with a labeled burndown herbicide.

[Application must be made no earlier than October 15 in Region 2 or November 15 in Region 1 or when soil temperature falls below 50°F at a 2-inch depth to maintain residual weed control into the spring (April 1 in Region 1 and May 1 in Region 2) or up until planting, whichever comes first.] Dimetric Charged can be used in a fall burndown or fallow seedbed program [outside of Regions 1 and 2], however the length of residual control may be variable. Abnormally warm or wet winters will reduce the length of weed control observed in the spring.

Fall Application Regions:
Region 1: Alabama, Arkansas, Georgia, Kentucky, Mississippi, Oklahoma, Tennessee and Virginia [or any other state]
Region 2: Delaware, Kansas, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, Pennsylvania, South Dakota, West Virginia and Wisconsin [or any other state]

Weeds controlled by postemergence or residual activity are listed in Table - **Weeds Controlled by Fall and Spring Preplant Burndown Programs**. Preplant burndown treatment tank mixes and rates are:

Herbicide	Rate
Program 1[1]	
Dimetric Charged **Plus**	12 to 18 fl oz/A
Glyphosate **Plus**	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of Credit® 41 Extra or Roundup Original®)
2,4-D LVE (2,4-D for use on preplant soybeans only) **Plus**	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of 2,4-D 4 LVE)
NIS + AMS	0.5% v/v + 17 lbs/100 gals of water

or

Program 2[1]	
Dimetric Charged **Plus**	12 to 18 fl oz/A
Glyphosate **Plus**	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of Credit® 41 Extra or Roundup Original)
COC[2] **or** NIS + AMS	1pt/A or 0.5% v/v + 17 lbs/100 gals of water

or

Program 3[1]	
Dimetric Charged **Plus**	12 to 18 fl oz/A
2,4-D LVE (2,4-D for use on preplant soybeans only) **Plus**	0.5 to 1.0 lb ai/A (equivalent to 1 to 2 pt/A of 2,4-D 4 LVE)
COC	1 pt/A

[1] Dicamba (Clash®, Banvel® or Diablo®), at 0.188 pounds AI per acre (6 fluid ounces per acre of Clash, Banvel 4 or Diablo) can be added to Programs 1, 2 & 3 to assist in the control of emerged broadleaves. Refer to dicamba label for rotational restrictions.
[2] Crop oil concentrate has been found to increase glyphosate burndown of emerged cutleaf eveningprimrose and Carolina geranium.

Table - Weeds Controlled by Fall and Spring Preplant Burndown Programs

WEEDS CONTROLLED[1]		POSTEMERGENCE			RESIDUAL
		Program 1	Program 2	Program 3	
COMMON NAME	SCIENTIFIC NAME	Weeds 3 inches or less			
Chamomile, False	*Matricaria maritime*	Yes	Yes	No	Yes
Cheatgrass	*Bromus tectorum*	Yes	Yes	No	Yes
Chickweed, Common	*Stellaria media*	Yes	Yes	No	Yes
Chickweed, Mouseear	*Cerastium vulgatum*	Yes	Yes	No	Yes
Cockle, White[5]	*Silene latifolie*	No	Yes	Yes	Yes
Dandelion	*Taraxacum officinale*	Yes	No	Yes[2]	Yes
Deadnettle, Purple	*Lamium purpureum*	Yes	Yes	Yes	Yes
Groundsel, Cressleaf	*Senecio glabellus*	Yes	Yes	-	Yes
Henbit	*Lamium amplexicaule*	Yes	Yes	Yes	Yes
Marestail/Horseweed	*Conyza canadensis*	Yes	Yes[3]	Yes	Yes
Mallow, Common	*Malva Neglecta*	Yes	Yes	No	Yes
Prickly Lettuce	*Lactuca serriola*	Yes	Yes	Yes	Yes
Wormwood, Biennial	*Artemisia biennis*	Yes	Yes	Yes	Yes
Weeds 12 inches or less					
Canola, Volunteer	*Brassica napus*	Yes	Yes	Yes	Yes
Carolina Geranium	*Geranium carolinianum*	Yes	Yes	Yes	-
Eveningprimrose, Cutleaf[4]	*Oenothera laciniata*	Yes	Yes	Yes	Yes
Flixweed	*Descurainia sophia*	Yes	Yes	Yes	Yes
Mustard, Tansy	*Descurainia pinnata*	Yes	Yes	Yes	Yes
Mustard, Wild	*Brassica kaber*	Yes	Yes	Yes	Yes
Shepherd's-purse	*Capsella bursa-pastoris*	Yes	Yes	Yes	Yes

[1] Refer to glyphosate and/or 2,4-D labels for additional weeds controlled and rotational restrictions.
[2] Use 1 pound AI per acre of 2,4-D LVE (equivalent to 2 pints per acre of 2,4-D 4 LVE) for control of emerged dandelion.
[3] Program 2 will not control emerged glyphosate resistant marestail/horseweed.
[4] Use Program 1 to control cutleaf eveningprimrose that are nearing 12 inches in height or are past the rosette stage. Use Programs 2 or 3 to control cutleaf eveningprimrose that are 12 inches or less and in the rosette stage.
[5] Not for use in California.

SPRING BURNDOWN PROGRAMS

This product may be used in combination with labeled preplant burndown herbicides to assist in the postemergence burndown of emerged weeds and provide residual weed control prior to crop emergence. Weeds controlled by residual activity are listed in in **Table - Weeds Controlled by a Preemergence Application of Dimetric Charged**.

No-till planters that incorporate the soil during planting may result in decreased weed control in the row. Apply this product after planting soybeans when these types of planters are used (within 3 days after planting soybeans and before the crop emerges).

This product can be used at 12 to 18 fluid ounces per acre with labeled preplant burndown herbicides to enhance the speed of burndown and increase weed spectrum.

This product can be used at 12 to 18 fluid ounces per acre in soybean burndown programs. See **DIRECTIONS FOR USE IN SOYBEAN** for more information.

DIRECTIONS FOR USE IN FALL AND SPRING BURNDOWN PROGRAMS IN WINTER WHEAT (Preplant to Crop)

RESTRICTIONS AND LIMITATIONS

- Do not apply more than 24 fluid ounces (1.5 pints) of Dimetric Charged per acre per application.
- Do not apply more than 24 fluid ounces (1.5 pints) of Dimetric Charged per acre per growing season.
- Do not make more than 2 applications per year.
- Do not apply to frozen or snow covered soil.

- Do not perform any tillage operation after application or residual weed control will be reduced.
- Dimetric Charged can be used [at 6 to 12 fluid ounces per acre] with labeled burndown herbicides to enhance the speed of burndown and increase weed spectrum. A minimum of 30 days must pass, and 1 inch of rainfall/irrigation must occur, between application of Dimetric Charged and planting of winter wheat. Refer to most restrictive label for minimum interval between application and planting.
- Observe all rotational intervals prior to planting as listed in the **ROTATIONAL RESTRICTIONS** table.

RATE EQUIVALENCE
- 24 fluid ounces (1.5 pints) of Dimetric Charged is equivalent to 0.125 lb flumioxazin and 0.56 lb of metribuzin
- 22 fluid ounces of Dimetric Charged is equivalent to 0.114 lb flumioxazin and 0.51 lb of metribuzin
- 16 fluid ounces of Dimetric Charged is equivalent to 0.084 lb flumioxazin and 0.37 lb of metribuzin.

FOR WEED CONTROL IN A WHEAT / FALLOW / WHEAT ROTATION
Directions For Use in the States of Idaho, Oregon, Utah and Washington

Dimetric Charged 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 information see the **PRODUCT INFORMATION** section in the front of this label.

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

WEEDS CONTROLLED		
Broad leaves		**Grasses**
Chickweed, Common (*Stellaria media*)	Mustard, Treacle (*Eyrsimum repandum*)	Cheatgrass (*Bromus secalinus*)
Henbit (*Lamium amplexicaule*)	Mustard, Wild (*Brassica kaber*)	Downy Brome (*Bromus !ectorum*)
Kochia (*Kochia scoparia*)*	Pennycress,Field (Fanweed) (*Thlasvi arvense*)	Wheat, Volunteer (*Triticum* spp.)*
Lambsquarters (*Chenopodium album*)	Pigweeds (*Amaranthus* spp.)	
Mustard, Blue or Purple (*Chorispora tenella*)	Russian Thistle (*Salsola iberica*)*	
Mustard, Jim Hill (*Sisymbrium altissimum*)	Wild Sunflower (*Helianthus* spp.)*	
Mustard, Tansy (*Descurainia pinnala*)		
* Note: Since control of these weeds may be variable depending on moisture following application, the higher labeled rate is recommended.		

After Harvest Application (Fall Fallow): Dimetric Charged may be applied to wheat stubble after harvest in the Fall. Apply 22 - 24 fl. oz. 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.

Dimetric Charged may be applied at 22 - 24 fl. oz. 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): Dimetric Charged may be applied to wheat stubble in the Spring. Apply 16 to 22 fl. oz 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 Dimetric Charged. Where Dimetric Charged was applied in the Fall, do not apply Dimetric Charged in the Spring,

FOR WEED CONTROL IN A FALLOW ROTATION WITH WHEAT
Directions For Use in States of Colorado, Kansas, Montana, Nebraska, and Wyoming

Dimetric Charged may be applied to provide weed control during the fallow period after wheat harvest or in the Spring before planting of Winter wheat. Mechanical tillage or the application of a contact herbicide may be required to control weeds germinating prior to seeding of Winter wheat.

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

Where weed growth is present at application time, Dimetric Charged should be applied with Gramoxone, 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.

WEEDS CONTROLLED		
Broad leaves		**Grasses**
Chickweed, Common (*Stellaria media*)	Mustard, Tansy (*Descurainia pinnala*)	Cheatgrass (*Bromus secalinus*)
Cowcockle (*Vaccaria pyramidata*)	Mustard, Treacle (*Eyrsimum repandum*)	Downy Brome (*Bromus !ectorum*)
Henbit (*Lamium amplexicaule*)	Mustard, Wild (*Brassica kaber*)	Foxtail, Green (*Setaria viridis*)*
Kochia (*Kochia scoparia*)*	Pennycress,Field (Fanweed) (*Thlasvi arvense*)	Wheat, Volunteer (*Triticum* spp.)*
Lambsquarters (*Chenopodium album*)	Pigweeds (*Amaranthus* spp.)	Wild Oats *(Avena fatua*)*
Mustard, Blue or Purple (*Chorispora tenella*)	Russian Thistle (*Salsola iberica*)*	
Mustard, Jim Hill (*Sisymbrium altissimum*)	Sunflower (*Helianthus* spp.)*	
* Note: Since control of these weeds may be variable depending on moisture following application, the higher labeled rate is recommended.		

AFTER HARVEST APPLICATION (Fall Fallow): Dimetric Charged may be applied to the stubble after harvest in the Fall. Apply 24 fl. oz. 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): Dimetric Charged may be applied to the stubble in the Spring. Apply 16 to 22 fl. oz. 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 can be seeded 120 days after Spring application.

RESTRICTIONS: Do not graze treated field. Do not plant Spring seeded cereals following Fall applications for fallow. Where Dimetric Charged was applied in the Fall, do not apply Dimetric Charged in the Spring. Do not rotate any crop not listed on this label for 18 months following application.

DIRECTIONS FOR USE IN SOYBEAN

Dimetric Charged may be applied to soybeans prior to planting or preemergence (after planting) and can be used for preemergence surface applications and burndown applications. Dimetric Charged can also be used as an overlay application following fall applications of certain products registered for fall application. All these applications can be applied with ground equipment, and with aerial spray equipment.

Dimetric Charged can be applied broadcast or banded. This application may be made during planting or as a separate operation for up to three days after planting. See the **PRODUCT INFORMATION** section in the front of this label for further information.

RESTRICTIONS

- Not for use in California.
- Do not apply more than 18 fluid ounces of Dimetric Charged (0.094 lb flumioxazin and 0.42 lb of metribuzin) per acre during a single growing season.
- Do not make more than one application per year.
- Do not irrigate when soybeans are cracking if applications of Dimetric Charged have been made.
- Do not graze treated fields or feed treated forage or hay to livestock.
- Do not incorporate into soil or apply more than once per season.
- Do not apply Dimetric Charged after soybeans have emerged from the soil.
- Do not tank mix Dimetric Charged with chloroacetamide products such as those containing the active ingredients: flufenacet, s-metolachlor, metolachlor, dimethenamid-P, acetochlor or alachlor within 14 days of planting soybeans, unless soybeans are planted under no-till or minimum tillage conditions on wheat stubble or no-till field corn stubble.

- Preemergence application of Dimetric Charged must be made within 3 days after planting and prior to soybean emergence. Application after the soybeans have begun to crack, or are emerged, will result in severe crop injury. Do not make applications when soybeans have begun to crack.

PRECAUTIONS

Injury to soybeans may occur when Dimetric Charged is used under the following conditions:

- When soils have a calcareous surface area or a pH of 7.5 or higher.
- Due to the sensitivity of certain soybean varieties, Dimetric Charged is not recommended for use on Altona, AP 55, AP71, Asgrow 6520, Burlison, Coker 102, Coker 156, Dassel, GL 3202, Govan, Maple Amber, MB 3665, NKS 1884,Paloma 350, Portage, Regal, Semmes, Terra-Vig 505, Terra-Vig 606, Tracy, Vansoy, and Vinton 81. Consult your Winfield Solutions, LLC Representative or your seed supplier for information on the tolerance to Dimetric Charged of newly released soybean varieties, prior to use of Dimetric Charged.
- When applied in conjunction with soil-applied organic phosphate pesticides.
- Over application or boom overlapping may result in stand loss and soil residues.
- Application to sandy soils, or sandy loam, or loamy sandy soils containing less than 2% organic matter may result in stand loss and soil residues.
- Uneven application or improper incorporation can decrease the level of weed control and/or increase the level of injury.
- When applied to any soil with less than 1% organic matter.
- When sprayers are not calibrated accurately.
- When heavy rains occur soon after application, especially in poorly drained areas where water may stand for several days.
- When soybeans are planted less than 1-1/2 inches deep, particularly in pre-emergence application.
- Application when soybeans have begun to crack or emerge.

RATE EQUIVALENCE

- 18 fluid ounces of Dimetric Charged is equivalent to 0.094 lb flumioxazin and 0.42 lb of metribuzin.
- 15 fluid ounces of Dimetric Charged is equivalent to 0.079 lb flumioxazin and 0.35 lb of metribuzin.
- 12 fluid ounces of Dimetric Charged is equivalent to 0.063 lb flumioxazin and 0.28 lb of metribuzin.

The maximum annual rate of metribuzin from all combined sources is 1.0 lb of metribuzin per acre.

DIMETRIC CHARGED APPLICATION RATES

Table - Rate Program; Fall, Early Preplant, Preemergence in Conservation or Conventional Tillage

FLUID OUNCES DIMETRIC CHARGED PER ACRE		
SOIL TEXTURE	**ORGANIC MATTER[3]**	
	Less than 2%	**2 to 4%**
COARSE SOILS (sandy loam, loamy sand)	DO NOT USE	12 fluid ounces
MEDIUM SOILS[1] (loam, silt loam, silt, sandy clay, sandy clay loam)	15 fluid ounces	15 - 18 fluid ounces
FINE SOILS[1] (silty clay, silty clay loam[2], clay, clay loam)	18 fluid ounces	18 fluid ounces

[1] For control of weeds listed on this label use Dimetric Charged at rates indicated in the table above, but note that crop injury may occur on soils having a calcareous surface area or a pH of 7.5. Use a maximum of 12 fl oz of Dimetric Charged on these soils.

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

[3] Do not apply to soils with less than 1% Organic Matter.

TIMING TO SOYBEANS

Dimetric Charged may be applied to soybeans prior to planting or preemergence (after planting). Preemergence application of Dimetric Charged must be made within 3 days after planting and prior to soybean emergence. Application after the soybeans have begun to crack, or are emerged, will result in severe crop injury. Application should not be made when soybeans have begun to crack. Select rate of Dimetric Charged from **Table - Rate Program; Fall, Early Preplant, Preemergence in Conservation or Conventional Tillage.**

APPLICATION METHOD

Dimetric Charged may be applied in the fall after previous year's crop, or in the spring as an early preplant, burndown or preemergence application.

Fall Application: Apply Dimetric Charged for burndown and residual weed control after the prior crop is harvested.

Spring Application: Apply Dimetric Charged early preplant through preemergence for burndown and residual weed control before the crop emerges.

For burndown soybean use see **DIRECTIONS FOR USE IN FALL AND SPRING PREPLANT BURNDOWN AND FALLOW SEEDBED PROGRAMS IN FIELD CORN AND SOYBEAN** section.

TIMING TO WEEDS

Burndown – Preplant, Preemergence to Soybeans

Dimetric Charged may be applied as a burndown application to weeds, as a preplant application or as a preemergence application to Soybeans.

Dimetric Charged, applied as part of a burndown program, may be used for residual weed control, as well as to assist in postemergence burndown of many annual and perennial weeds where soybeans will be planted directly into a stale seedbed, cover crop or in previous crop residues. Apply Dimetric Charged with ground equipment before planting, during planting or within 3 days after planting, **but before the crop emerges.** To ensure thorough coverage, use a minimum of 15 gallons of spray solution per acre. Refer to tank mix partner's label for specified application pressure. All tank mixes of Dimetric Charged applied to assist in the control of emerged weeds must be applied with crop oil concentrate or methylated seed oil at 1 to 2 pints per acre or a non-ionic surfactant at 0.25% v/v.

ADDITIONAL RESIDUAL GRASS CONTROL

Dimetric Charged can be tank mixed with pendimethalin for additional grass control. Tank mixes with flufenacet (Axiom®), metolachlor (Dual® products or Boundary®), dimethenamid (Outlook®) or alachlor (IntRRo®), may result in severe injury to soybeans when application is followed by prolonged periods of cool wet weather.

ROUNDUP READY SOYBEAN PROGRAM

Dimetric Charged may be applied as part of a burndown program or preemergence in conventional tillage programs, at 12 to 18 fluid ounces per acre to reduce early season weed competition from waterhemp, velvetleaf, nightshade and morninglories as well as other weeds listed in **WEEDS CONTROLLED** section. A sequential post emergence application of glyphosate will be required to control weeds not controlled by Dimetric Charged.

LIBERTY LINK SOYBEAN PROGRAM

Dimetric Charged may be applied as part of a burndown program or preemergence in conventional tillage programs, at 12 to 18 fluid ounces per acre to reduce early season weed competition from waterhemp, velvetleaf, nightshade and morninglories as well as other weeds listed in **WEEDS CONTROLLED** section. A sequential post emergence application of glufosinate will be required to control weeds not controlled by Dimetric Charged.

DIRECTIONS FOR USE TO MAINTAIN BARE GROUND ON NON-CROP AREAS OF FARMS

RESTRICTIONS

- Do not apply more than 22 fluid ounces of Dimetric Charged per acre during a single application.
- Do not apply more than 22 fluid ounces of Dimetric Charged per acre during a single growing season.
- Do not apply to farm alleys or roads where traffic may result in treated dust settling onto crops or other desirable vegetation.
- Do not apply to ditch banks.
- Do not make more than one application per year.
- Do not apply by air.

RATE EQUIVALENCE

- 22 fluid ounces of Dimetric Charged is equivalent to 0.114 lb flumioxazin and 0.5 lb of metribuzin.

The maximum annual rate of metribuzin from all combined sources is 0.5 lb of metribuzin per acre.

Dimetric Charged, when used as directed, can be used on farms for non-selective vegetation control to maintain bare ground on non-crop areas that must be kept weed free.

Dimetric Charged offers residual and postemergence control of susceptible broadleaf and grass weeds as well as an additional mode of action to assist in the control of ALS (acetolactate synthase) resistant weeds. Dimetric Charged can be tank mixed with the herbicides listed in **Table - Tank Mix Combinations to Maintain Bare Ground on Non-Crop Areas** for increased residual or postemergence control. The length of residual control is dependent on the rate applied as well as on rainfall and temperature conditions. Length of residual control will decrease as temperature and precipitation increase. Rates of Dimetric Charged at 22 fluid ounces per acre are required to provide residual control of the weeds listed in **WEEDS CONTROLLED** section.

APPLICATIONS PRIOR TO WEED EMERGENCE

Apply 22 fluid ounces per acre of Dimetric Charged per broadcast acre as a preemergence application. Make preemergence (to weed emergence) applications of Dimetric Charged to a weed-free soil surface. Preemergence applications of Dimetric Charged must be completed prior to weed emergence. Moisture is necessary to activate

Dimetric Charged on soil for residual weed control. Dry weather following application of Dimetric Charged may reduce effectiveness. However, when adequate moisture is received after dry conditions, Dimetric Charged will control susceptible germinating weeds.

APPLICATIONS TO EMERGED WEEDS

Apply 22 fluid ounces of Dimetric Charged per broadcast acre plus an adjuvant (0.25% v/v non-ionic surfactant or 1 quart per acre crop oil concentrate). The addition of an adjuvant enhances activity of Dimetric Charged on emerged weeds. Thorough spray coverage is necessary to maximize the postemergence activity of Dimetric Charged. Emerged weeds are controlled postemergence with Dimetric Charged, however, translocation of Dimetric Charged within a weed is limited, and control is affected by spray coverage and by the addition of an adjuvant. The most effective postemergence weed control with Dimetric Charged occurs when applied in combination with a surfactant to weeds less than 2 inches in height. A tank mix partner should be used in combination with Dimetric Charged for the postemergence control of weeds larger than 2 inches. Recommended tank mix partners are listed in **Table - Tank Mix Combinations to Maintain Bare Ground on Non-Crop Areas**.

IMPORTANT: 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.

Table – Tank Mix Combinations to Maintain Bare Ground on Non-Crop Areas

Credit Xtreme (Glyphosate)	2,4-D	Cheetah (Glufosinate)	Paraquat

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Keep pesticide in original container. Store in a cool, dry, secure place. Do not store in temperatures > 100ºF. Do not put formulation or dilute spray solution into food or drink containers. Do not contaminate food or foodstuffs. Do not store or transport near feed or food. Not for use or storage in or around the home. For help with any spill, leak, fire or exposure involving this material, call day or night **CHEMTREC (800) 424-9300.**

PESTICIDE DISPOSAL

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

CONTAINER HANDLING

Nonrefillable Containers 5 gallons or less: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. 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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

Nonrefillable Containers larger than 5 gallons: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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 its 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 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.

Refillable Containers larger than 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 a mix tank. Fill the container

about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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 AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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 the 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.