



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505T)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

94730-44

Date of Issuance:

2/3/23

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

GCS S-METOLACHLOR 46.4% +
FOMESAFEN 10.1% EC

Name and Address of Registrant (include ZIP Code):

Generic Crop Science, LLC
c/o Wagner Regulatory Consulting, Inc.
P.O. Box 640
Hockessin, DE 19707

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Submit one copy of the final printed label for the record before you release the product for shipment.

Continues page 2

Signature of Approving Official:

Mindy Ondish, Product Manager 23
Herbicide Branch, Registration Division (7505T)

Date:

2/3/23

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 FIFRA 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) lists 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 these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The following alternate brand names have been added to the product record:

- Farmers First S-Metolachlor 46.4% + Fomesafen 10.1% EC
- S-Metolachlor 4.21 + Fomesafen 0.87 EC
- Farmers First S-Metolachlor 4.21 + Fomesafen 0.87 EC
- Willowood S-Metolachlor 4.21 + Fomesafen 0.87 EC
- Farmers First S-Met FMS 5.07 EC
- Willowood S-Met FMS 5.07
- GCS S-Met FMS 5.07
- GCS S-Metolachlor 4.21 + Fomesafen 0.87 EC

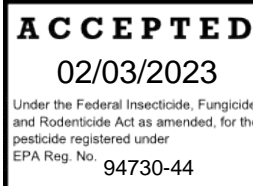
The record for this product currently contains the following CSF(s):

- Basic CSF dated 03/17/2022
- Alternate CSF #1 dated 03/17/2022

If you have any questions, please contact Curtis Hildebrandt by phone at (202)566-2770, or via email at hildebrandt.curtis@epa.gov.

Enclosure

[MASTER LABEL]



S-METOLACHLOR	GROUP	15	HERBICIDE
FOMESAFEN	GROUP	14	HERBICIDE

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC

[ABN: Farmers First™ S-Metolachlor 46.4% + Fomesafen 10.1% EC]

[ABN: S-Metolachlor 4.21 + Fomesafen 0.87 EC]

[ABN: Farmers First™ S-Metolachlor 4.21 + Fomesafen 0.87 EC]

[ABN: Willowood S-Metolachlor 4.21 + Fomesafen 0.87 EC]

[ABN: Farmers First™ S-Met FMS 5.07 EC]

[ABN: Willowood S-Met FMS 5.07 EC]

[ABN: GCS S-Met FMS 5.07]

[ABN: GCS S-Metolachlor 4.21 + Fomesafen 0.87 EC]

For Control of Certain Grasses and Broadleaf Weeds in Soybeans and Cotton.

ACTIVE INGREDIENTS:

S-metolachlor (CAS No. 87392-12-9)	WT. BY %
Sodium Salt of Fomesafen (CAS No. 108731-70-0)	46.4%
	10.1%

OTHER INGREDIENTS:	<u>43.5%</u>
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TOTAL:	100.0%
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Formulated as an emulsifiable concentrate.

Contains 4.21 pounds of S-metolachlor and 0.87 pound of fomesafen per gallon.

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 this label, find someone to explain it to you in detail.)

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> 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 by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

HOTLINE NUMBERS

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For 24-Hour Medical Emergency Assistance (Human or Animal), call Poison Control: **1-800-222-1222**. For Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), call CHEMTREC: **1-800-424-9300**. For non-emergency information on this product, call 1-844-200-FARM (3276) or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378. Monday through Friday, 8 AM to 12 PM PST. or at <http://npic.orst.edu>.

[Optional referral statements when booklets and container labels are used:]

[See label booklet for [complete] [additional] [First Aid,] [Precautionary Statements,] [Directions For Use,] and [Storage and Disposal.]]

Manufactured For [By]:
Generic Crop Science, LLC
1887 Whitney Mesa Dr., #9740
Henderson, NV 89014

EPA Reg. No.: 94730-44
EPA Est. No.: XXXXX-XX-XXX

Net Contents: _____ [Gals./L]

Sale, use and distribution of this product in Nassau and Suffolk Counties in the State of New York is prohibited.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING/AVISO

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. **DO NOT** get in eyes or on clothing. Avoid contact with skin. 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate or Viton ≥ 14 mils
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)

USER SAFETY REQUIREMENTS

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 for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

Mixers and loaders supporting aerial applications are required to use closed systems. The closed system must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides. When using the closed system, the mixers' and loaders' PPE requirements may be reduced or modified as specified in the WPS.

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, the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment wash water or rinsate. Do not apply when weather conditions favor drift from target area. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Groundwater Advisory

Fomesafen and S-metolachlor are known to leach through soil into groundwater under certain conditions as a result of label use. These chemicals may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory

This product may impact surface water quality due to spray drift and runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for reaching surface water via runoff for several months after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of Fomesafen and S-metolachlor from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours. See the manual for "Conservation Buffers to Reduce Pesticide Losses" at the following internet address: <http://www.wsi.nrcs.usda.gov/products/W2Q/pest/core4.html>.

Non-Target Organism Advisory

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

Reporting Ecological Incidents

To report ecological incidents, including mortality, injury, or harm to plants and animals, call 844-200-FARM.

MIXING/LOADING/APPLICATION INSTRUCTIONS

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsates.

All mixing and/or irrigation equipment used for Prefix Herbicide must be equipped with check valves or other devices to prevent

siphoning.

This product may not be mixed or loaded within 50 ft. of perennial or intermittent streams and rivers, natural or impounded lakes and reservoirs. This product may not be mixed/loaded or used within 50 ft. of all wells, including abandoned wells, drainage wells, and sink holes. Operations that involve mixing, loading, rinsing, or washing of this product into or from pesticide handling or application equipment or containers within 50 ft. of any well are prohibited unless conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be positioned on or moved across the pad. Such a pad shall be designed and maintained to contain any product spills or equipment leaks, container or equipment rinse or wash-water, and rain water that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self-contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 100% of the capacity of the largest pesticide container or application equipment on the pad. Containment capacities as described above shall be maintained at all times. The above-specified minimum containment capacities **DO NOT** apply to vehicles when delivering pesticide shipments to the mixing/loading site.

Physical And Chemical Hazards

DO NOT mix or allow coming in contact with oxidizing agents. 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.

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.

Endangered Species Protection Requirements

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species and certain threatened species, under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than 6 months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp/>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

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 24 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, including plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of barrier laminate or Viton \geq 14 mils
- Shoes plus socks
- Protective eyewear

PRODUCT INFORMATION

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC is a selective herbicide for the control or partial control of certain grass, broadleaf and sedge weeds in soybeans and cotton. [**GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC**] {or} [This product] may be applied as a pre-plant surface, pre-plant incorporated, pre-emergence, or post-emergence treatment in soybeans and as a post-directed treatment in cotton.

Cover Crops

A cover crop can be an important tool for the overall farm cropping system. Cover crops are planted for conservation purposes, soil erosion control, soil health improvement, water quality improvement and weed management. A cover crop can be a single crop or a combination of crops, including grasses and/or broadleaf crops. After harvest of a [**GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC**] treated crop, planting of a cover crop is allowed provided the cover crop is not grazed or fed to livestock nor harvested for food. Terminate the cover crop through natural causes including frost or intentional termination by herbicide application, crimping, rolling, tillage or cutting. All possible cover crops or cover crop combinations have not been tested for tolerance to this product. Before planting the cover crop, determine the level of tolerance for the intended cover crops by conducting a field bioassay. Refer to

the **Field Bioassay for Cover Crops** section for instructions on how to conduct a field bioassay.

Field Bioassay for Cover Crops

A field bioassay is a method of determining if herbicide residues are present in the soil at concentrations high enough to adversely affect crop growth. Conduct the field bioassay by planting several strips of the desired cover crop across the field which has been previously treated with this product. Plant the cover crop strips perpendicular to the direction of the product application. Locate the strips so that all the different field conditions are encountered, including differences in field terrain, soil texture, organic matter, pH, and drainage. If the cover crop does not show adverse effects including crop injury and/or stand reduction, the field can be planted to this cover crop. If injury and/or stand reduction are visible, wait 2 - 4 weeks for further herbicide degradation to occur and repeat the bioassay. Alternatively, select a different cover crop and repeat the bioassay. Only plant cover crops that show acceptable tolerance in the field bioassay.

Rate Ranges

Where a rate range is within a soil texture/organic matter classification, use a lower rate on soils that are relatively coarse-textured and/or low in organic matter. Use a higher rate on soils that are relatively fine-textured and/or high in organic matter.

WEED RESISTANT MANAGEMENT

S-METOLACHLOR	GROUP	15	HERBICIDE
FOMESAFEN	GROUP	14	HERBICIDE

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC is a Group 14 and 15 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 14 and 15 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies must be followed.

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

- Rotate the use of [**GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC**] or other Group 14 and 15 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 including 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.
- 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 a Generic Crop Science, LLC representative.

MANDATORY SPRAY DRIFT MANAGEMENT

Aerial Applications:

- **DO NOT** release spray at a height greater than 10 feet above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a coarse or coarser droplet size (ASABE S641).
- For all other applications, applicators are required to use a medium or coarser droplet size (ASABE S641).
- **DO NOT** apply when wind speeds exceed 15 mph at the application site. If the wind speed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor blade diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed wing aircraft and 90% or less of the rotor blade diameter for helicopters.
- If the wind speed is 10 miles per hour or less, applicators must use ½ swath displacement upwind at the downwind edge of the field. When the wind speed is between 11-15 miles per hour, applicators must use ¾ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For applications prior to the emergence of crops and target weeds, applicators are required to use a coarse or coarser droplet size (ASABE S641).

- For all other applications, applicators are required to use a medium or coarser droplet size (ASABE S572).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- **Volume** - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size – Aircraft

Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles must be oriented parallel with the airflow in flight.

BOOM HEIGHT – Ground Boom

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

RELEASE HEIGHT – Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with

limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

TANK MIXING INSTRUCTIONS

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean the spray equipment before using [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC]. Vigorous agitation is necessary to maintain uniformity of the spray mixture. Maintain maximum agitation throughout the spraying operation. **DO NOT** allow spray mixture to stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

Application in Water or Fluid Fertilizers

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC Alone: Add 1/3 of the required amount of water or fluid fertilizer to the spray or mixing tank. With the agitator running, add [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] into the spray tank. Continue agitation while adding the remainder of the water or fluid fertilizer. Begin application of the spray solution after the [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] has completely dispersed in the water or fluid fertilizer. Maintain agitation until all of the mixture has been applied.

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC + Tank Mixtures: Add 1/3 of the required amount of water or fluid fertilizer to the mix tank. Start the agitator running before adding any tank mix partners. In general, tank mix partners must be added in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables, liquids including [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC], and emulsifiable concentrates. Always allow each tank mix partner to become fully dispersed before adding the next product.

Provide sufficient agitation while adding the remainder of the water. Maintain agitation until all of the mixture has been applied.

Notes: (1) When using [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in tank mixtures, all products in water-soluble packaging

must be added to the tank and mixed with plain water before any other tank mix partner, including [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC]. Allow the water-soluble packaging to completely dissolve and the product(s) to completely disperse before adding any other tank mix partner to the tank. (2) Water-soluble packets will not properly dissolve in most spray solutions that contain fluid fertilizers.

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC is compatible with most common tank mix partners. However, the physical compatibility of this product with tank mix partners must be tested before use. To determine the physical compatibility of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] with other products, use a jar test, as described below.

Precaution: DO NOT use nitrogen solutions or fluid fertilizers as a complete or partial spray carrier when applying this product as a post-emergence application to soybeans as these combinations may cause crop injury.

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.

Tank Mix Compatibility Test

A jar test is recommended before tank mixing to ensure compatibility of **GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC** with other pesticides. The following test assumes a spray volume of 25 gals. per acre. For other spray volumes, make appropriate changes in the ingredients.

Note: Nitrogen solutions or complete fluid fertilizers may replace all or part of the water in the spray for pre-plant surface, pre-plant incorporated, or pre-emergence applications only. Because liquid fertilizers vary, even within the same analysis, always check compatibility with pesticide(s) before use. Incompatibility of tank mixtures is more common with suspensions of fertilizer and pesticides.

Test Procedure

1. Add 1 pt. of carrier (fertilizer or water) to each of two 1 qt. jars with tight lids. **Note:** Use the same source of water that will be used for the tank mix and conduct the test at the temperature the tank mix will be applied.
2. To one of the jars, add 1/4 tsp or 1.2 milliliters of a compatibility agent approved for this use, including Complex® or Unite® (1/4 tsp is equivalent to 2 pts./100 gals. spray). Shake or stir gently to mix.
3. To both jars, add the appropriate amount of pesticide(s) in their relative proportions based on label rates. If more than 1 pesticide is used, add them separately with dry pesticides first, flowables next, and emulsifiable concentrates last. After each addition, shake or stir gently to thoroughly mix.
4. After adding all ingredients, put lids on and tighten, and invert each jar 10 times to mix. Let the mixtures stand 15 - 30 minutes and then look for separation, large flakes, precipitates, gels, heavy oily film on the jar, or other signs of incompatibility. Determine if the compatibility agent is needed in the spray mixture by comparing the two jars. If either mixture separates, but can be remixed readily, the mixture can be sprayed as long as good agitation is used. If the mixtures are incompatible, test the following methods of improving compatibility: (a) Slurry the dry pesticide(s) in water before addition, or (b) add half the compatibility agent to the fertilizer or water and the other half to the emulsifiable concentrate or flowable pesticide before addition to the mixture. If incompatibility is still observed, **DO NOT** use the mixture.
5. After compatibility testing is complete, dispose of any pesticide wastes in accordance with the **STORAGE AND DISPOSAL** section in this label.

APPLICATION INSTRUCTIONS

Activation

A small amount of soil moisture is required to activate [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] following application. In areas of low rainfall, a pre-emergence application to dry soil must be followed with light irrigation of 0.25 - 0.5 inch of water. As with many surface-applied herbicides, weed control and crop tolerance may vary with rainfall and/or soil texture. If rainfall or irrigation within 7 - 10 days does not occur, cultivate uniformly with shallow tilling equipment including a rotary hoe that will not damage soybeans.

Ground Application: Apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] alone or in tank mixtures by ground equipment in a minimum of 10 gallons of spray mixture per acre, unless otherwise specified.

Use sprayers that provide accurate and uniform application. Calibrate the sprayer before use at the beginning of the season. For **GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC** tank mixtures with wettable powder or dry flowable formulations, use screens and strainers no finer than 50-mesh.

Band Applications

Calculate the amount of herbicide needed for band treatment by the formula:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{broadcast rate per acre} = \text{amount needed per acre of field}$$

Chemigation: DO NOT apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] through any type of irrigation system.

Aerial Application: Apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in water using a minimum spray volume of 5 gals. per acre. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. Make applications at a maximum height of 10 ft. above the soybeans with low-drift nozzles at a maximum pressure of 40 PSI.

Avoid application to humans or animals. Flagmen and loaders must avoid inhalation of spray mist and prolonged contact with skin.

Sensitive Areas

This product must 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).

Cleaning Equipment After Application

Because some crops, other than soybeans, are sensitive to low rates of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC], special attention must be given to cleaning equipment before spraying a crop other than those registered for use and on this label. Mix only as much spray solution as needed. Immediately after spraying, clean equipment thoroughly using the following procedure:

1. Flush tank, hoses, boom, and nozzles with clean water.
2. Prepare a cleaning solution of 1 gal. of household ammonia per 50 gals. of water. Many commercial spray tank cleaners may be used as well. Consult your Generic Crop Science, LLC representative for a partial listing of approved tank cleaners and more information about proper tank cleaning procedures. **DO NOT** use chlorine-based cleaners including Clorox®.
3. When available, use a pressure washer to clean the inside of the spray tank with this solution. Take care to wash all parts of the tank, including the inside top surface. Completely fill the sprayer with the cleaning solution to ensure contact of the cleaning solution with all internal surfaces of the tank and plumbing. Start agitation in the sprayer and thoroughly recirculate the cleaning solution for **at least 15 minutes**. All visible deposits must be removed from the spraying system.
4. Flush hoses, spray lines, and nozzles for at least 1 minute with the cleaning solution.
5. **DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean water mark. **DO NOT** contaminate water when disposing of equipment wash water or rinsate. **DO NOT** apply when weather conditions favor drift from target area.
6. Repeat steps 2 - 5.
7. Remove nozzles, screens, diaphragm check valves and strainers and clean separately in the ammonia cleaning solution after completing the above procedures.
8. Rinse the complete spraying system with clean water.

RESTRICTIONS:

- A maximum of 3 pts. of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] (1.575 lb. a.i. of s-metolachlor and 0.326 lb. a.i. of fomesafen) and a maximum of 0.375 lb. a.i. of fomesafen from any product containing fomesafen may be applied per acre per year in Region 1 (refer to the **Regional Use Map**).
- A maximum of 3 pts. of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] (1.575 lb. a.i. of s-metolachlor and 0.326 lb. a.i. of fomesafen) and a maximum of 0.375 lb. a.i. of fomesafen from any product containing fomesafen may be applied per acre in ALTERNATE years in Region 2 (refer to the **Regional Use Map**).
- A maximum of 2.5 pts. of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] (1.313 lb. a.i. of s-metolachlor and 0.272 lb. a.i. of fomesafen) and a maximum of 0.313 lb. a.i. of fomesafen from any product containing fomesafen may be applied per acre in ALTERNATE years in Region 3 (refer to the **Regional Use Map**).
- A maximum of 2 pts. of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] (1.05 lb. a.i. of s-metolachlor and 0.218 lb. a.i. of fomesafen) and a maximum of 0.25 lb. a.i. of fomesafen from any product containing fomesafen may be applied per acre in ALTERNATE years in Region 4 (refer to the **Regional Use Map**).
- A maximum of 2 pts. of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] (1.05 lb. a.i./A of s-metolachlor and 0.218 lb. a.i. of fomesafen) and a maximum of 0.25 lb. a.i. of fomesafen from any product containing fomesafen may be applied per acre in ALTERNATE years in Region 4a (refer to the **Regional Use Map**). Apply only to soybeans in Region 4a. **DO NOT** make a [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] application later than June 10th. Cumulative rainfall plus overhead irrigation must total 15 inches from the period of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] application to soybean crop maturity to allow planting of rotational crops listed in this label (refer to Crop Rotation Intervals Following [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] Application section). If the soybean crop is lost or the required cumulative rainfall plus irrigation is not received as outlined above, plant only soybeans the following growing season.
- **DO NOT** graze treated areas or harvest for forage or hay.
- To prevent off-site movement due to runoff or wind erosion:
 - **DO NOT** treat powdery dry or light sand soils when conditions are favorable for wind erosion. Under these conditions, the soil surface must first be settled by rainfall or irrigation.
 - **DO NOT** apply to impervious substrates, including paved or highly compacted surfaces.
 - **DO NOT** use tailwater from the first flood or furrow irrigation of treated fields to treat non-target crops, unless at least 0.5 inch of rainfall has occurred between application and the first irrigation.

PRECAUTIONS:

- Avoid overlapping spray swaths, as injury may occur to rotational crops.

ROTATIONAL CROP RESTRICTIONS

Replanting

If replanting is necessary in fields previously treated with [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] {or} [this product], the field may be replanted to soybeans. During planting, a minimum of tillage is recommended.

Restrictions:

- **DO NOT** graze rotated small grain crops or harvest forage or straw for livestock.
- **DO NOT** apply a second application of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] or any product that contains metolachlor, fomesafen, or S-metolachlor as crop injury or illegal residues may occur in harvested soybeans.

- **DO NOT** rotate to food or feed crops other than those listed below.
- 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.

Rotational Crops	Planting Time From Last GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC Application (Months)
Bean (Dry and Snap), Soybean, and Succulent Soybean (Edamame)	0
Cotton and Potato	1
Bean (Lima), Pea (Succulent), and Peanut	4
Wheat, Barley, Oat and Rye	4.5
Corn (Field, Pop ⁴ , Seed, and Sweet ⁵), Pepper (transplanted) ¹ , Pumpkin ² , Rice, Tomato (transplanted) ¹ , and Watermelon ²	10
Cantaloupe ² , Cucumber ² , Edible-Podded Beans and Peas (not otherwise specified in this table), Eggplant, Pea (Dry), Pepper (Direct-Seeded), Squash (Summer), Squash (Winter) ² , Succulent Bean (other than Edamame, Snap Bean, and Lima Bean), Sunflower, Sweet Potato, and Tomato (Direct-Seeded)	12
Sorghum ³	18
All Other Crops Not Listed Above.	18

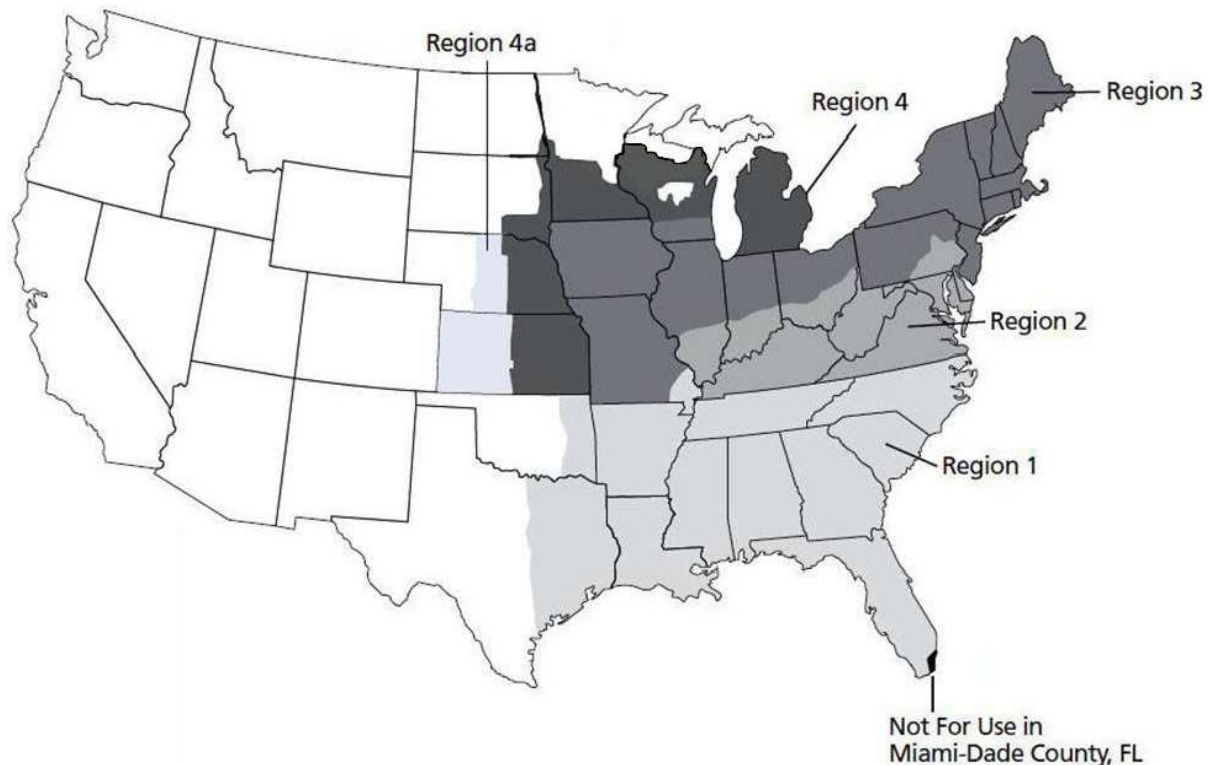
¹Use a 4-month rotation in Region 1.
²Use an 8-month rotation in Region 1.
³Use a 10-month rotation in Region 1.
⁴Use a 12-month rotation in the states of Ohio, Kentucky, Illinois, Indiana, Iowa, and Region 4 and 4a when applied at rates of 2 pts. per acre or more.
⁵Use an 18-month rotation in the states of Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont.

USE RATES AND WEEDS CONTROLLED

Refer to below maps for definition of specified geographic regions. Refer to the **CROP-SPECIFIC DIRECTIONS** for specific application information for each crop in each region including the maximum yearly application rate, maximum number of applications, pre-harvest, and retreatment interval.

REFER TO MAP FOR DEFINITION OF SPECIFIED GEOGRAPHIC REGIONS

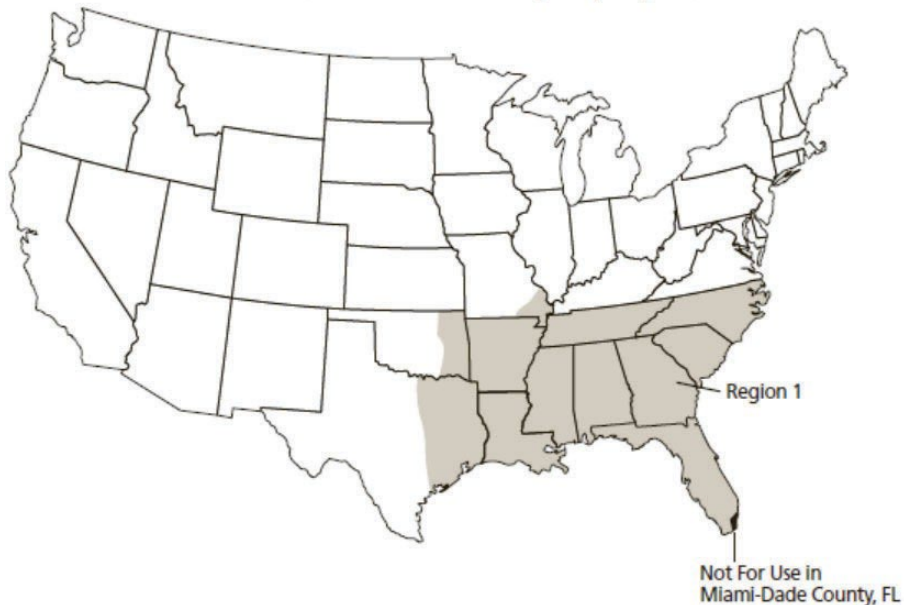
GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC Regional Use Map



REGION 1

(Maximum Rate: 3 pts. per acre (1.575 lb. a.i./A of s-metolachlor and 0.326 lb. a.i./A of fomesafen) and a maximum of 0.375 lb a.i./A of fomesafen from any product containing fomesafen) per year)

Includes the following states or portion of states where [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied: Alabama (All areas), Arkansas (All areas), Florida (All areas except for Miami-Dade County), Georgia (All areas), Louisiana (All areas), Mississippi (All areas), Missouri (Counties of Bollinger, Butler, Cape Girardeau, Dunklin, Madison, Mississippi, New Madrid, Pemiscot, Perry, Ripley, Scott, Stoddard, and Wayne), North Carolina (All areas), Oklahoma (All areas East of U.S. Highway 75 and East of Indian Nation Parkway), South Carolina (All areas), Tennessee (All areas), and Texas (All areas East of U.S. Highway 77 to State Road 239, including all of Calhoun County).



Refer to the **SPECIFIC-CROP DIRECTIONS** for specific application information for each crop in each region including the maximum yearly application rate, maximum number of applications, pre-harvest interval and retreatment interval.

REGION 2

(Maximum Rate: 3 pts. per acre (1.575 lb. a.i./A of s-metolachlor and 0.326 lb. a.i./A of fomesafen) and a maximum of 0.375 lb a.i./A of fomesafen from any product containing fomesafen), alternate years)

Includes the following states or portion of states where [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied: Delaware (All areas), Illinois (All areas South of Interstate 70), Indiana (All areas South of Interstate 70), Kentucky (All areas), Maryland (All areas), Ohio (All areas South of Interstate 70), Pennsylvania (All areas South of Interstate 80 to the intersection of U.S. Highway 15 and East of U.S. Highway 15 and U.S. Highway 522), Virginia (All areas), and West Virginia (All areas).



Refer to the **SPECIFIC-CROP DIRECTIONS** specific application information for each crop in each region including the maximum yearly application rate, maximum number of applications, pre-harvest interval and retreatment interval.

REGION 3

(Maximum Rate: 2.5 pts. per acre (1.313 lb. a.i./A of s-metolachlor and 0.272 lb. a.i./A of fomesafen) and a maximum of 0.313 lb a.i./A of fomesafen from any product containing fomesafen), alternate years)

Includes the following states or portion of states where [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied: Connecticut (All areas), Illinois (All areas North of Interstate 70), Indiana (All areas North of Interstate 70), Iowa (All areas), Maine (All areas), Massachusetts (All areas), Missouri (All counties except for those listed in Region 1), Ohio (All areas North of Interstate 70), New Hampshire (All areas), New Jersey (All areas), New York (All areas), Pennsylvania (All areas except those listed in Region 2), Rhode Island (All areas), Vermont (All areas), and Wisconsin (All areas South of U.S. Highway 18 between Prairie Du Chien and Madison, and South of Interstate 94 between Madison and Milwaukee)

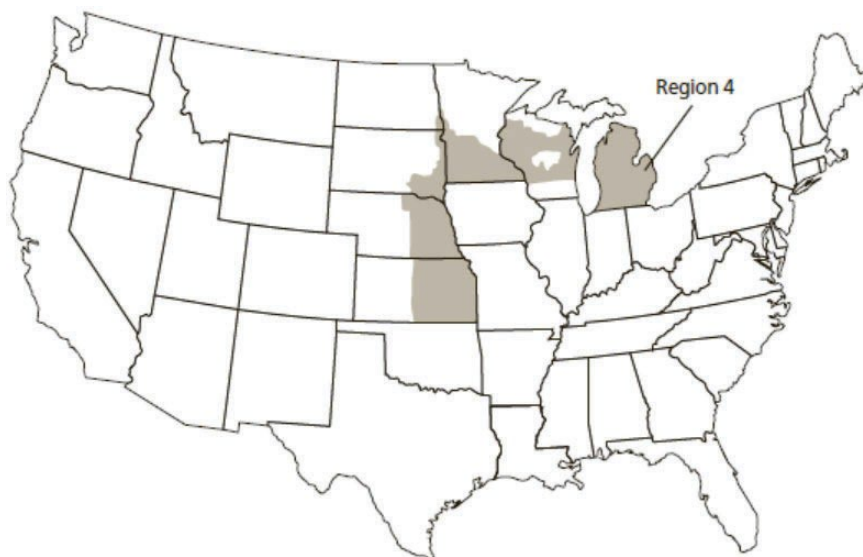


Refer to the **SPECIFIC-CROP DIRECTIONS** for specific application information for each crop in each region including the maximum yearly application rate, maximum number of applications, pre-harvest interval and retreatment interval.

REGION 4

(Maximum Rate: 2 pts. per acre (1.05 lb. a.i./A of s-metolachlor and 0.218 lb. a.i./A of fomesafen) and a maximum of 0.25 lb a.i./A of fomesafen from any product containing fomesafen), alternate years)

Includes the following states or portion of states where [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied: Kansas (All counties east of or intersected by U.S. Highway 281), Michigan (Southern Peninsula), Minnesota (All areas south of Interstate 94), Nebraska (All counties east of or intersected by U.S. Highway 281), North Dakota (All areas east of Interstate 29 from Fargo south to the South Dakota state line), South Dakota (All areas east of Interstate 29 from the North Dakota state line to Watertown, all areas east of Highway 81 from Watertown to Madison and all areas east and south of State Road 34 and U.S. Highway 281 to the Nebraska state line), and Wisconsin (All areas south of Interstate 94 (except those in Region 3) from Minnesota state line to Eau Claire and south of U.S. Highway 29 from Eau Claire to Green Bay plus Barron, Burnett, Chippewa, Clark, Door, Dunn, Eau Claire, Langlade, Lincoln, Kewaunee, Marathon, Marinette, Menominee, Oconto, Polk, Price, Rusk, Sawyer, Shawano, St. Croix, Taylor, and Washburn counties. The following counties are excluded: Adams, Marquette, Portage, Waupaca, Waushara, and Wood)



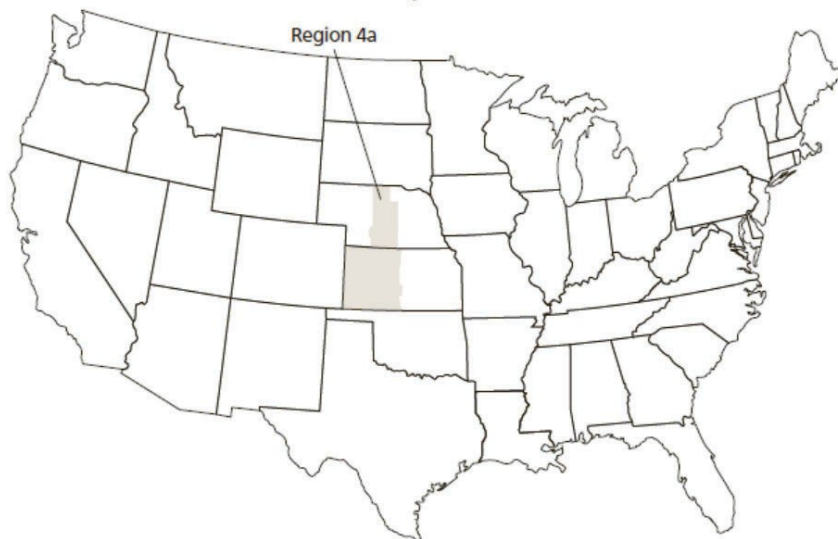
Refer to the **SPECIFIC-CROP DIRECTIONS** for specific application information for each crop in each region including the maximum

yearly application rate, maximum number of applications, pre-harvest interval and retreatment interval.

REGION 4a

(Maximum Rate: 2 pts. per acre (0.25 lb. a.i./A of fomesafen), alternate years*)

Includes the following portions of states where [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied: Kansas (All areas west of U.S. Highway 281 to the Colorado state line) and Nebraska (All areas that intersect west of U.S. Highway 281 and east of U.S. Highway 83).



Refer to the **SPECIFIC-CROP DIRECTIONS** for specific application information for each crop in each region including the maximum yearly application rate, maximum number of applications, pre-harvest interval and retreatment interval.

***Note:** Refer to the **RESTRICTIONS** section for additional requirements that must be followed to use this product in Region 4a.

WEEDS CONTROLLED

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC, when applied as directed, will control or partially control the following weeds.

Table 1 - Weeds Controlled or Partially Controlled* by GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC

Weeds	C = Control PC = Partial Control	Weeds	C = Control PC = Partial Control
Annual Grasses			
Barnyardgrass	C	Junglerice	C
Crabgrass spp.	C	Panicum, Fall	C
Crowfootgrass	C	Panicum, Texas	PC
Cupgrass, Prairie	C	Red Rice	PC
Cupgrass, Southwestern	C	Signalgrass, Broadleaf	C
Foxtail spp.	C	Sandbur spp.	PC
Goosegrass	C	Shattercane	PC
Johnsongrass, Seedling	PC	Witchgrass	C
Broadleaves			
Carpetweed	C	Purslane, Common	C
Cocklebur, Common	PC	Pusley, Florida	C
Ecliptia	C	Ragweed, Common	C
Galinsoga spp.	C	Ragweed, Giant	PC
Horseweed/Marestail	PC	Redweed	C
Jimsonweed	PC	Sida, Prickly/Teaweed	PC
Lambsquarters, Common	C	Smartweed, Ladysthumb	C
Morningglory spp.	PC	Smartweed, Pennsylvania	C
Nightshade, Eastern Black	C	Spurge, Spotted	C
Nightshade, Hairy	PC	Starbur, Bristly	C
Pennycress, Field	C	Sunflower, Common	PC
Pepperweed, Virginia	C	Velvetleaf	PC
Pigweed spp.	C	Waterhemp spp.	C

Poinsettia, Wild	C	
Sedges		
Nutsedge, Yellow	PC	
*Partial control means significant activity, but not always at a level considered acceptable for commercial weed control.		

SPECIFIC-CROP DIRECTIONS

COTTON

Post-Directed Application

Apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in emerged cotton as a post-directed treatment using precision post-directed, hooded, or shielded application equipment to provide complete coverage of emerged weeds. Apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] at 2 - 2.33 pts. per acre. This product will control or partially control certain emerged broadleaf weeds including hemp sesbania, waterhemp, pigweed species and morningglory species. Apply when broadleaf weeds have 2 - 4 true leaves in a minimum of 10 gals. spray solution per acre. [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] must be applied with a non-ionic surfactant at 0.25% - 0.5% v/v or crop oil concentrate at 1% v/v to emerged weeds if applied alone or in a tank mix with products that **DO NOT** contain a built-in adjuvant. **DO NOT** add liquid nitrogen (28% or similar) to [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC], or [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] tank mixes in cotton. Refer to **Table 1** for weeds controlled or partially controlled with soil activation of this product if rainfall or irrigation occurs within 7 - 10 days after application.

To broaden the weed control spectrum, [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be tank mixed with other labeled post-directed herbicides including Caparol, DSMA, Direx, Envoke[®], Karmex, Layby™ Pro, MSMA, Suprend[®], or glyphosate (including Roundup[®] brands for use in glyphosate resistant cotton only). Refer to the tank mix partner label for precautionary statements, restrictions, rates, and a list of weeds controlled.

Cotton foliage is not tolerant to [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] applications. Avoid contact to cotton foliage and stems that are not fully barked as unacceptable injury will occur. Application equipment must be calibrated (spray pressure, nozzle type and configuration, and orifice size) to deliver medium or coarser spray droplets contacting green cotton stems and foliage.

Post-Directed Application Timing in Cotton

[GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied to cotton at least 6 inches in height through layby as a post-directed application. All post-directed applications must avoid spray contact with any green non-barked parts of the cotton plant or foliage as unacceptable injury will occur. Follow the application timing recommendations below for post-directed applications in cotton.

Shielded and Hooded Applications

Make a precision post-directed [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] application to the base of the cotton plant avoiding contact with the cotton stem or foliage when cotton is at least 6 inches in height to avoid cotton injury. Use only hooded or shielded spray equipment to apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in cotton that is at least to 6 inches in height. Adjust nozzles to provide full coverage of emerged target weeds.

Layby Applications

Make a post-directed [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] application to the base of the cotton plant avoiding contact with any non-barked portion of the cotton plant or foliage. Use precision post-directed equipment or hooded or shielded sprayers on cotton that has developed a minimum of 4 inches of brown bark through layby. Application equipment must be configured to provide full coverage of emerged target weeds.

Restrictions - Cotton:

- **DO NOT** apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] later than 80 days before harvest.
- **DO NOT** exceed 2.33 pts. (1.223 lb. a.i./A of s-metolachlor and 0.253 lb. a.i./A of fomesafen) per acre of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in a single application.
- **DO NOT** apply more than 2.33 pts. (1.223 lb. a.i./A of s-metolachlor and 0.253 lb. a.i./A of fomesafen) per acre of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in any year and also adhere to the maximum rate that may be applied in each geographic region (refer to the **Regional Use Map**).
- **DO NOT** exceed 2.48 lbs. a.i. per acre per year of S-metolachlor-containing products.
- **DO NOT** graze or feed forage or fodder from cotton to livestock.

SOYBEAN

[Not for use in California.]

GCS S-METOLACHLOR 46.4% + FOMESAFEN 10.1% EC FOUNDATION TREATMENT FOR PLANNED TWO-PASS WEED CONTROL PROGRAMS IN ALL TILLAGE SYSTEMS

[GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] at 2 pts. per acre may be applied as a pre-emergence application on all soils to reduce competition from weeds for a period of up to 5 weeks when followed by a planned post-emergence herbicide application in conventional or herbicide-resistant soybeans. Refer to **Table 1** for weeds controlled or partially controlled. For the post-emergence herbicide application, consult the selected post-emergence herbicide manufacturer's label for weeds controlled, optimum weed size, application rate, additional use directions, precautions, and limitations before use.

Pre-Plant Surface Applied: For minimum-tillage or no-tillage systems only, [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied at 2 pts. per acre prior to soybean planting. If weeds are present at the time of treatment, apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in a tank mixture with a burndown herbicide. To the extent possible, minimize movement of treated

soil out of the row or untreated soil to the surface during planting, or weed control will be diminished. Follow with a post-emergence herbicide applied at the labeled rate and within the specific growth stage for soybeans and weed spectrum. Recommended post-emergence treatments include any product or combination of products labeled to control the specific weeds remaining in the field.

Pre-Plant Incorporated: Apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] at 2 pts. per acre in conventional tillage systems where incorporation into the top 2 inches of soil occurs within 7 days after application using a finishing disk, harrow, rolling cultivator or similar implement capable of providing uniform 2-inch incorporation. Follow with a post-emergence herbicide applied at the labeled rate and within the specific growth stage for soybeans and weed spectrum.

Recommended post-emergence treatments include any product or combination of products labeled to control the specific weeds remaining in the field.

Pre-Emergence: Apply [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] at 2 pts. per acre during planting (behind the planter), or after planting, but before weeds or soybeans emerge in conventional, conservation, or no-till systems. If weeds are present at the time of treatment, apply this product in a tank mixture with a burndown herbicide (including, paraquat or glyphosate brands).

Follow with a post-emergence herbicide applied at the labeled rate and within the specific growth stage for soybeans and weed spectrum. Recommended post-emergence treatments include any product or combination of products labeled to control the specific weeds remaining in the field.

GCS S-METOLACHLOR 46.4% + FOMESAFEN 10.1% EC IN CONVENTIONAL TILLAGE SYSTEMS

For conventional tillage systems, [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied pre-plant incorporated or pre-emergence for control or partial control of weeds listed in **Table 1**. This product may be applied alone, or in tank mix or followed sequentially with post-emergence herbicides to broaden the weed control spectrum or control newly emerged weeds. Refer to the below table for rates.

Pre-Plant Incorporated Application

Incorporate [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] uniformly into the top 2 inches of soil within 7 days after application and before planting using a disk, field cultivator, rolling cultivator, or similar implement. Apply this product pre-plant incorporated if furrow irrigation is used or when a period of dry weather after application is expected.

Pre-Emergence Application

Apply during planting (behind the planter), or after planting, but before weeds or soybeans emerge. Dry weather following pre-emergence application of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may reduce effectiveness. If weeds develop, cultivate uniformly with shallow tilling equipment including a rotary hoe that will not damage soybeans.

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC Use Rates - Conventional Tillage Systems (Broadcast Rates)

Soil Texture	Regions	Pints/A	
		0.5 to 3% Organic Matter	Over 3% Organic Matter
COARSE (Sand, loamy sand, sandy loam)	1, 2	2	2 - 2.25
	3	2	2 - 2.25
	4, 4a	2	2
MEDIUM (Loam, silt loam, silt)	1, 2	2.25 - 2.5	2.5 - 2.75
	3	2 - 2.25	2.25 - 2.5
	4, 4a	2	2
FINE (Sandy clay loam, sandy clay, silty clay, silty clay loam, clay, clay loam)	1, 2	2.75 - 3	2.75 - 3
	3	2.5*	2.5*
	4, 4a	2*	2*

*If weeds emerge before full canopy closure, apply an appropriate post-emergence product.

GCS S-METOLACHLOR 46.4% + FOMESAFEN 10.1% EC USE RATES FOR REDUCED AND NO-TILL SYSTEMS

Pre-Plant Surface and Pre-Emergence Application

[GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be used in reduced-till and no-till systems. This product may be applied up to 15 days before planting or pre-emergence, but before soybean emergence. For control or partial control of weeds listed in **Table 1**, use the high end of the rate range for [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] applications made 15 days before planting. Refer to the below table for rates. If weeds are present at time of application, burndown herbicides may be tank mixed with this product (see **Burndown Weed Control** section). This product may be followed sequentially with post-emergence herbicides to broaden the weed control spectrum or control newly emerged weeds.

GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC Use Rates for Reduced-Till and No-Till Systems (Broadcast Rates)

Soil Texture	Regions	Pints/A*
COARSE (Sand, loamy sand, sandy loam)	1, 2	2 - 2.5
	3	2 - 2.25
	4, 4a	2**
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)	1, 2	2.5 - 2.75
	3	2.25 - 2.5
	4, 4a	2**
FINE (Sandy clay loam, sandy clay, silty clay, silty clay loam, clay, clay loam)	1, 2	2.75 - 3
	3	2.5**
	4, 4a	2**

*Use the lower rate range for low residue level or soils with less than 3% organic matter. Use the higher rate range for high residue level or soils with greater than 3% organic matter.

**If weeds emerge before full canopy closure, apply an appropriate post-emergence product.

BURNDOWN WEED CONTROL

[GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] can be used as part of a burndown herbicide program for control of existing vegetation prior to soybean planting and/or emergence in conservation tillage (reduced-tillage/no-till systems). [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be tank mixed with 2,4-D, dicamba, paraquat fluzifop-P-butyl, fenoxaprop-P-ethyl, glyphosate brands, sethoxydim, or clethodim for control of emerged weeds prior to soybean planting or crop emergence. Refer to the tank mix product labels for specific rates, use directions, precautions, restrictions, and limitations.

HERBICIDES THAT MAY BE APPLIED POST-EMERGENCE FOLLOWING GCS S-METOLACHLOR 46.4% + FOMESAFEN 10.1% EC

If required, application of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] alone or in tank mixture may be followed by an application of a post-emergence herbicide to provide additional control of certain weeds. Post-emergence herbicide applications can be made with, but are not limited to the following products: Aim[®], Arrow[®], Assure[®] II, Basagran[®], Classic[®], Cobra[®], Extreme[®] (Glyphosate-resistant soybeans only), FirstRate[®], Fusilade DX, Fusion, Glyphosate, Harmony[®] GT XP, Liberty[®] (Glufosinate-resistant soybeans only), Poast[®], Poast Plus, Pursuit[®], Raptor[®], Resource[®], Scepter[®] Select, Synchrony[®] STS[®], Synchrony[®] XP, and Ultra Blazer[®]. See Tank Mix Table below for product Registration Numbers and active ingredients. Refer to the individual product labels for use directions, use rates, and special precautions/restrictions.

Restrictions:

- **DO NOT** exceed 3.71 lbs. a.i. per acre per year of S-metolachlor-containing products Refer to the **Regional Use Map** for the maximum rate of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] (or other fomesafen-containing products) that may be applied in each geographic region.
- **DO NOT** apply more than the maximum rates and number of applications of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] to soybeans in each geographic region (refer to the **Regional Use Map**).

POST-EMERGENCE APPLICATION

[GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be applied at 2 - 2.33 pts. per acre as an early post-emergence application in soybeans. Necrotic spotting, bronzing, crinkling or curling of soybean leaves may occur following post-emergence application, but soybeans soon outgrow these effects and develop normally. Refer to **Table 1** for weeds controlled or partially controlled with soil activation of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] if rainfall or irrigation occurs within 7 - 10 days after post-emergence application. [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] alone may control or partially control certain emerged broadleaf weeds, however, for broad-spectrum control, tank mix [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] with glyphosate (including Roundup brands) in glyphosate-resistant soybeans only. Add nonionic surfactant (NIS) containing at least 75% surface-active agent, at 0.25% v/v to the final spray volume if [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] is applied alone or tank mixed with glyphosate products that **DO NOT** contain a built-in adjuvant. The use crop oil concentrate (COC) is not advised when applying [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] post-emergence as these spray adjuvants may increase soybean injury.

Tank Mixtures for Post-Emergence Applications in Soybeans:

[GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be tank mixed with, but is not limited to the following post-emergence herbicides: Fusilade DX Fusion, Glyphosate (Glyphosate-resistant soybeans only), and Glufosinate (Glufosinate-resistant soybeans only).

Tank mixes may cause necrotic spotting, bronzing, crinkling, or curling of soybean leaves that are present at the time of the post-emergence application.

[GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] may be tank mixed with the following insecticide: Karate[®] Insecticide with Zeon Technology.

Refer to this label and the labels of the tank mix partners for application methods and timings, precautionary statements, restrictions, rates, and weeds or insects controlled.

Restrictions - Post-emergence Application to Soybeans:

- Apply only in water as the carrier for post-emergence applications.
- **DO NOT** use [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] post-emergence on soybeans that are under stress including but not limited to that caused by drought, insect, disease, or injury from cultivation.
- **DO NOT** exceed 2.33 pts. (1.223 lb. a.i./A of s-metolachlor and 0.253 lb. a.i./A of fomesafen) per acre of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] in a single post-emergence application.
- **DO NOT** exceed 3 pts. (1.575 lb. a.i./A of s-metolachlor and 0.326 lb. a.i./A of Fomesafen) per acre of [GCS S-Metolachlor 46.4% + Fomesafen 10.1% EC] per acre per season. Refer to **Regional Use Map** for maximum rate that may be applied within a specific region.
- **DO NOT** exceed 3.71 lbs. a.i. per acre per year of S-metolachlor-containing product.
- Make post-emergence applications at least 75 days before harvest.
- **DO NOT** graze or feed treated forage or hay from soybeans to livestock following a post-emergence application of this product.

Product Name	EPA Registration Number	Active Ingredient(s)
2,4-D LVE	Various brands	glyphosate
Aim® EC	279-3241	carfentrazone-ethyl
Arrow® 2 EC	66222-60	clethodim
Assure® II	353-541	quizalofop p-ethyl
Basagran®	7969-112	bentazon
Classic™	353-436	chlorimuron ethyl
Cobra	59639-34	lactofen
Direx®	66222-54	diuron
Extreme®	241-405	glyphosate + imazethapyr
FirstRate®	62719-275	cloransulam-methyl
Fusilade® DX	100-1070	fluzifop-p-butyl
Fusion®	100-1059	fluzifop-p-butyl + fenoxaprop-p-ethyl
Harmony® GT XP	279-9577	thifensulfuron methyl
Karmex®	66222-51	diuron
Liberty®	264-829	glufosinate-ammonium
MSMA	19713-42	MSMA
Poast®	7969-58	sethoxydim
Poast Plus®	7969-88	sethoxydim
Pursuit®	241-310	imazethapyr
Raptor®	241-379	imazamox
Resource®	59639-82	flumiclorac pentyl ester
Roundup Brands	Various brands	glyphosate
Scepter®	241-306	imazaquin
Select®	59639-3	clethodim
Synchrony® XP	352-648	thifensulfuron + chlorimuron ethyl
Ultra Blazer	70506-60	acifluorfen

Other tank mix partners with same actives and nominal concentrations as the above specified may also be used.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry, secure place. Keep container tightly closed when not in use. This product will freeze at a temperature of approximately 5°F, but upon warming will thaw out to a fully homogeneous product.

PESTICIDE DISPOSAL: Open dumping is prohibited. Wastes resulting from the use of this product are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

[[Nonrefillable Container (five 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. 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 and 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, or by incineration, or by other procedures approved by State and local authorities.]

[[Nonrefillable Container (greater than five gallons):] Nonrefillable container. **DO NOT** reuse or refill this container. Offer for recycling if available. Triple rinse container or pressure rinse (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 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, or by other procedures approved by State and local authorities.]

[[Refillable Container (greater than five 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 person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by State and local authorities.]

DO NOT USE CONTAINERS FOR THE STORAGE OF FOOD, FEED, OR DRINKING WATER!

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Generic Crop Science, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Generic Crop Science, LLC and Seller harmless for any claims relating to such factors.

Generic Crop Science, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of this product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or Generic Crop Science, LLC and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, Generic Crop Science, LLC, MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Generic Crop Science, LLC nor Seller shall be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF GENERIC CROP SCIENCE, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF GENERIC CROP SCIENCE, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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[<BRAND>™ or ® is a trademark of <TRADEMARK HOLDER>.]

{Note to Reviewer: The mention of the product name throughout this Master Label may be updated/replaced with the term “This product” on the Market Label.}

{Optional graphics to be used on any panel of final market label:}

<p>[www.FBN.com][FBN.com] [Available at www.FBN.com] [844-200-FARM (3276)] [Farmers First]</p>		<p>{any color}</p>  <p>FARMERS BUSINESS NETWORK</p>
 <p>FARMERS FIRST</p>		
		
 <p>[HERBICIDE] [Herbicide]</p>		