



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 20, 2023

Mary Beth Endres
Regulatory Manager
LIBERTY CROP PROTECTION, LLC.
1880 FALL RIVER DRIVE, SUITE 100
LOVELAND, CO 80538

Subject: Registration Review Label Amendments Incorporating Mitigation Measures from the Interim Decision for S-Metolachlor and the National Marine Fisheries Services' (NMFS) Biological Opinion on the Effects of S-Metolachlor on Pacific Salmonids
Product Name: LIBERTY SMET-MET
EPA Registration Number: 89168-88
Application Dates: 04/21/2021 and 08/26/2021
Decision Numbers: 583819 and 583820

Dear Mary Beth Endres:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the S-Metolachlor Interim Decision. The Agency has concluded that your submission is acceptable.

This letter also addresses the label mitigation resulting from the NMFS' Biological Opinion on the effects of S-Metolachlor on Pacific salmonids. The Agency has concluded that your submission is also acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact DeMariah Koger at koger.demariah@epa.gov.

Sincerely,



Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

S-METOLACHLOR	GROUP	15	HERBICIDE
METRIBUZIN	GROUP	5	HERBICIDE

LIBERTY SMET-MET

HERBICIDE

FOR CONTROL OF CERTAIN GRASSES AND BROADLEAF WEEDS IN POTATOES AND SOYBEANS

ACTIVE INGREDIENTS:	% BY WT.
S-metolachlor*	58.2%
Metribuzin**	13.8%
OTHER INGREDIENTS***:	28.0%
TOTAL:	100.0%

This product is formulated as an emulsifiable concentrate (EC) containing 5.25 lb of S-metolachlor and 1.25 lb of Metribuzin per gallon.

*CAS No. 87392-12-9

**CAS No. 21087-64-9

***Contains approximately 14% petroleum distillates.

KEEP OUT OF REACH OF CHILDREN
WARNING / AVISO

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

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS.

Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

EPA Reg. No.: 89168-88

EPA Est. No.: _____

NET CONTENTS: ____ Gal (____ L)

Manufactured for:
 LIBERTY CROP PROTECTION, LLC
 1880 Fall River Drive, Suite 100
 Loveland, CO 80538

ACCEPTED

Jan 20, 2023

Under the Federal Insecticide, Fungicide
 and Rodenticide Act as amended, for the
 pesticide registered under
 EPA Reg. No. 89168-88

120222

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for further treatment advice. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give any liquid to the person. • 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.
NOTE TO PHYSICIAN	
Contains petroleum distillates. Vomiting may cause aspiration pneumonia.	
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 or your poison control center at 1-800-222-1222 . For Chemical Spill, Leak, Fire or Exposure, call CHEMTREC 800-424-9300 .	

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

Causes substantial, but temporary eye injury. **DO NOT** get in eyes or on clothing. Harmful if swallowed. Harmful if absorbed through skin. 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. Contains petroleum distillates. This product may cause skin sensitization reactions in some people.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Protective eyewear
- Coveralls over a short-sleeved shirt and short pants
- Chemical-resistant footwear plus socks
- Chemical-resistant gloves made of barrier laminate, butyl rubber, nitrile rubber or Viton® (all ≤14 mils)
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when mixing/loading and cleaning equipment.

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

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(d-e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS
<p>Users should:</p> <ul style="list-style-type: none"> • Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling 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, 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.

Groundwater Advisory

S-metolachlor and Metribuzin 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. Users are advised not to apply this product 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. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

Surface Water Advisory

S-metolachlor may impact surface water quality due to 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 weeks or 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 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.

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 844-425-8488.

Mixing/Loading Instructions

Care must be taken when using this product to prevent back-siphoning into wells, spills, or improper disposal of excess pesticide, spray mixtures, or rinsates.

Check-valves or antisiphoning devices must be used on all mixing and/or irrigation equipment.

This product may not be mixed or loaded within 50 feet of perennial or intermittent streams and rivers, natural or impounded lakes and reservoirs. This product may not be mixed/loaded or used within 50 feet 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 feet 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, wear:

- Protective eyewear
- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber, nitrile rubber or Viton (all \geq 14 mils)
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

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

Not for Sale, Sale into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

PRODUCT INFORMATION

LIBERTY SMET-MET is a selective herbicide for the control or suppression of certain grass, broadleaf and sedge weeds in potatoes and soybeans.

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 six 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.

Tank Mixtures: 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.

To prevent off-site movement due to runoff or wind erosion:

- Avoid treating powdery dry or light sand soils when conditions are favorable for wind erosion. Under these conditions, the soil surface should first be settled by rainfall or irrigation.
- **DO NOT** apply to impervious substrates, such as 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 1/2 inch of rainfall has occurred between application and the first irrigation.

Restrictions

- **DO NOT** apply this product using low-pressure or high-volume hand wand equipment.
- **DO NOT** apply under conditions which favor runoff or wind erosion of soil containing this product to non-target areas.

WEED RESISTANCE MANAGEMENT

For resistance management, this product contains both a Group 5 (Metribuzin) and Group 15 (S-metolachlor) herbicide. Any weed population may contain plants naturally resistant to Group 5 and/or Group 15 herbicides. The resistant individual may dominate the weed population if these herbicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Weed Management

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

- Rotate the use of this product or other Group 5 and Group 15 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in the 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 before and 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 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 LIBERTY CROP PROTECTION, LLC at 844-425-8488.

Management of Resistant Biotypes

Since the occurrence of resistant weeds cannot be determined until after product use and scientific confirmation, manufacturer is not responsible for any losses that may result from the failure of this product to control resistant weed biotypes.

The following good agronomic practices are recommended to reduce the spread of resistant biotypes:

- If a naturally occurring resistant biotype is present in your application site, this product should be tank-mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to achieve control.
- Cultural and mechanical control practices (e.g. crop rotation or tillage) may also be used as appropriate.
- Scout treated application site after herbicide applications and control escaping weeds including resistant biotypes before they set seed.
- Thoroughly clean equipment before leaving fields known to contain resistant biotypes.
- Contact your local sales representative, crop advisor, or extension agent to find out if suspected resistant weeds to these Mode of Actions have been found in your region. **DO NOT** assume that each listed weed is being controlled by multiple 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 ingredients in this product.

Integrated Pest (Weed) Management

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

Mixing Instructions

Prepare no more spray mixture than is needed for the immediate operation. Thoroughly clean the spray equipment before using LIBERTY SMET-MET. 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

LIBERTY SMET-MET Alone: Add 1/2 of the required amount of water or fluid fertilizer to the spray or mixing tank. With the agitator running, add LIBERTY SMET-MET into the spray tank. Continue agitation while adding the remainder of the water or fluid fertilizer. Begin application of the spray solution after the LIBERTY SMET-MET has completely dispersed in the water or fluid fertilizer. Maintain agitation until all of the mixture has been applied.

LIBERTY SMET-MET + Tank Mixtures: Add 1/2 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 should be added in this order: products packaged in water-soluble packaging, wettable powders, wettable granules (dry flowables), liquid flowables, liquids such as LIBERTY SMET-MET, 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.

(1) When using LIBERTY SMET-MET in tank mixtures, add all products in water-soluble packaging to the tank and mix with plain water before any other tank mix partner, including LIBERTY SMET-MET. 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.

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.

LIBERTY SMET-MET is compatible with most common tank mix partners. However, the physical compatibility of LIBERTY SMET-MET with tank mix partners should be tested before use. To determine the physical compatibility of LIBERTY SMET-MET with other products, use a jar test, as described below.

Compatibility Test

A jar test is recommended before tank mixing to ensure compatibility of LIBERTY SMET-MET with other pesticides. The following test assumes a spray volume of 25 gallons 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. 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 1.0 pint of carrier (fertilizer or water) to each of 2 one quart 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 teaspoon or 1.2 milliliters of a compatibility agent approved for this use (tsp. is equivalent to 2.0 per 100 gallons spray). Shake or stir gently to mix.
3. To both jars, add the appropriate amount of pesticide(s) in their relative proportions based on listed label rates. If more than one 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 ten times to mix. Let the mixtures stand 15 to 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 1/2 the compatibility agent to the fertilizer or water and the other 1/2 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.

Ground Application: Apply LIBERTY SMET-MET 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 LIBERTY SMET-MET tank mixtures with wettable powder or dry flowable formulations, screens and strainers should be no finer than 50-mesh.

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

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

Center Pivot Irrigation Application

If chemigating, apply this product only through a center pivot irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, contact State Extension specialists, equipment manufacturers, or other experts. **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Operating Instructions

- The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water- source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump or piston pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.
- Prepare a mixture with a minimum of 1 part water to 1 part herbicide(s) and inject this mixture into the center pivot system. Injecting a larger volume of a more dilute mixture per hour will usually provide more accurate calibration of metering equipment. Maintain sufficient agitation to keep the herbicide in suspension.
- Meter into irrigation water during entire period of water application.
- Apply in 1/2 to 1 inch of water. Use the lower water volume (1/2 inch) on coarse-textured soils and the higher volume (1 inch) on fine-textured soils. More than 1 inch of water at application may reduce weed control by moving the herbicide below the effective zone in the soil.

Precaution - Center Pivot Applications

- Where sprinkler distribution patterns **DO NOT** overlap sufficiently, unacceptable weed control may result. Where sprinkler distribution patterns overlap excessively, crop injury may result.

Restriction

- **DO NOT** apply this product through any other type of irrigation system.

Aerial Application: Apply LIBERTY SMET-MET in water using a minimum spray volume of 2 gallons 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 feet above the crop with low-drift nozzles at a maximum pressure of 40 psi.

Restriction – Aerial Application:

- **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.

MANDATORY SPRAY DRIFT MANAGEMENT

Aerial Applications:

- **DO NOT** release spray at a height greater than 10 feet above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to select the nozzle and pressure that deliver medium or coarser droplets (ASABE S641).
- If the wind speed is 10 miles per hour or less, applicators must use 1/2 swath displacement upwind at the downwind edge of the field. When the wind speed is between 11 to 15 miles per hour, applicators must use 3/4 swath displacement upwind at the downwind edge of the field.
- **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 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 diameter for helicopters.

- **DO NOT** apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to select the nozzles and pressure that deliver medium or coarser droplets (ASABE S572).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

Boomless Ground Applications:

- Applicators are required to select the nozzle and pressure that delivery medium or coarser droplet size (ASABE S572) for all applications.
- **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 Drop Size – Aircraft

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

Boomless Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications

Take precautions to minimize spray drift.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should 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 WINDCONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Cleaning Equipment After Application

Because some non-labeled crops are sensitive to low rates of LIBERTY SMET-MET, 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 one gal. of household ammonia per 50 gallons of water. Many commercial spray tank cleaners may be used as well. Consult your Liberty representative for a partial listing of approved tank cleaners and more information about proper tank cleaning procedures. **DO NOT** use chlorine-based cleaners such as 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 re-circulate 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 one minute with the cleaning solution.
5. Dispose of rinsate from steps 1 to 3 as described under the Environmental Hazards section of the Precautionary Statements.
6. Repeat steps 2 to 5.
7. Remove nozzles, screens, and strainers and clean separately in the ammonia cleaning solution after completing the above procedures.
8. Rinse the complete spraying system with clean water.

Impregnation onto Dry Bulk Granular Fertilizers

Many dry bulk granular fertilizers may be impregnated or coated with LIBERTY SMET-MET and used to control weeds. When applying this product with dry bulk fertilizers, follow all directions for use and precautions on the label for this product regarding target crops, rates per acre, soil texture, application methods, and rotational crops.

Complying with all individual state regulations relating to dry bulk granular fertilizer blending, registration, labeling, and application is the responsibility of the individual and/or company selling the herbicide/fertilizer mixture.

Prepare the herbicide/fertilizer mixture by using any closed drum, belt, ribbon, or other commonly used dry bulk fertilizer blender. Nozzles used to spray LIBERTY SMET-MET onto the fertilizer must be spaced to provide uniform spray coverage. Take care to aim the spray onto the fertilizer only, avoiding the walls of the blender.

If the herbicide/fertilizer mixture is too wet, add a highly absorptive material, such as Agsorb® FG or Celatom MP-79®, or similar granular clay or diatomaceous earth materials, to obtain a dry, free-flowing mixture. Add absorptive materials only after the herbicide has been thoroughly blended into the fertilizer mixture. Best application results will be obtained by using a granule of 6/30 particle size or of a size similar to that of the fertilizer materials being used. Generally, less than 2% by weight of absorptive material will be needed. Avoid using more than 5% absorptive material by weight.

Calculate the amount of LIBERTY SMET-MET to be used by the following formula:

$$\frac{2,000}{\text{Pounds of fertilizer per acre}} \times \text{Pints of LIBERTY SMET-MET per acre} = \text{Pints of LIBERTY SMET-MET per ton of Fertilizer}$$

Pneumatic (Compressed Air) Application

High humidity, high urea concentrations, low fertilizer use rates, and dusty fertilizer may cause fertilizer mixtures to build up or plug the distributor head, air tubes, or nozzle deflector plates. To minimize buildup, premix LIBERTY SMET-MET with Exxon Aromatic 200 at a rate of 2.0 to 2.5 pints per gallon of this product. Aromatic 200 is a noncombustible/nonflammable petroleum product. Aromatic 200 may be used in either a fertilizer blender or through direct injection systems. Drying agents should not be used when using Aromatic 200.

Precautions

- Use mixtures of this product and Aromatic 200 on dry fertilizer only. Poor results or crop injury may result if these mixtures are used in water or liquid fertilizer solutions for spraying applications.
- When impregnating this product in a blender before application, a drier mixture can be obtained by substituting a drying agent for Aromatic 200. The use of Agsorb FG or another drying agent of 6/30 particle size is recommended.
- Drying agents are not recommended for use with On-The-Go impregnation equipment.

Restrictions

- To avoid potential for explosion,
 - **DO NOT** impregnate this product on ammonium nitrate, potassium nitrate, or sodium nitrate, either alone or in blends with other fertilizers.
 - **DO NOT** combine this product with a single superphosphate (1-20-0) or triple superphosphate (0-46-0).
 - **DO NOT** use this product on straight limestone, since absorption will not be achieved. Fertilizer blends containing limestone can be impregnated.

Application of Impregnated Dry Bulk Granular Fertilizer

Apply 200 to 700 pounds of the herbicide/fertilizer mixture per acre. For best results, apply the mixture uniformly to the soil with properly calibrated equipment immediately after blending. Uniform application of the herbicide/fertilizer mixture is essential in order to prevent possible crop injury to subsequent rotational crops. Non-uniform application may also result in unsatisfactory weed control. In areas where conventional tillage is practiced, a shallow incorporation of the mixture into the soil is recommended to obtain satisfactory weed control. On fine- or medium-textured soils in areas where soil incorporation is not planned, i.e., reduced-tillage situations or in some conventional till situations, make applications approximately 30 days before planting to allow moisture to move the herbicide/fertilizer mixture into the soil. On coarse-textured soils, make applications approximately 14 days prior to planting.

Precautions

- To help avoid rotational crop injury, make applications as early as possible, since this product impregnated onto dry bulk fertilizers can be expected to last longer in the soil than this product applied as a spray in water or fluid fertilizer.

Table 1: Crop Rotation Intervals ^{1,3}

Rotational Interval After Application of LIBERTY SMET-MET ²				
4 months	4.5 months	8 months	12 months	18 months
Corn	Winter Barley Winter Wheat Alfalfa	Peas Spring Barley Spring Wheat	Asparagus Cotton Forage Grasses Lentils Rice ⁴ Sainfoin Sugarcane	Onions Sugar Beets and Other Root Crops

			Tomatoes Other Crops not listed (except root crops)	
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 Crop rotation restrictions DO NOT include restrictions for the tank mix partner. Refer to the label of the other product for additional restrictions. ³ Refer to the specific crop use sections for additional crop rotation precautions. ⁴ DO NOT rotate rice after any application to a primary crop at greater than 1 lb ai metribuzin per acre per year.				

Replanting

If replanting is necessary in fields previously treated with LIBERTY SMET-MET, the field may be replanted to soybeans or potatoes. Before replanting, refer to the specific crop use sections for precautions and restrictions.

Activation

A small amount of rainfall or irrigation is required to activate LIBERTY SMET-MET following application. In areas of low rainfall, follow a preemergence application with light irrigation of 1/4 to 1/2 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.

POTATOES (Except California)

LIBERTY SMET-MET may be used for preemergence weed control prior to or after potato emergence. This product has some postemergence activity on weeds, but the consistency and spectrum of weed control is much better preemergence to weeds. **DO NOT** apply this product as a preplant incorporated application to potatoes or crop injury may occur.

Preemergence Applications

Apply with ground spray equipment, aerial spray equipment, or by center pivot irrigation equipment which is capable of making a uniform broadcast application. Apply after planting but before crop emergence, or apply after drag-off if this operation is part of the usual cultural practice.

Postemergence Applications

Apply postemergence only in center pivot irrigation water, after drag-off if that is a usual cultural practice, but not closer than 60 days before harvest. Refer to the "Center Pivot Irrigation Application" section of this label for application information.

Table 2: Weeds Controlled by LIBERTY SMET-MET

Broadleaves*		
Anoda, spurred	Lambsquarters, common	Redweed
Beggarweed, Florida	Lettuce, prickly	<i>Sesbania</i> spp.
Carpetweed	Mallow, Venice	Shepherd's purse
Chickweed, common	Mustard spp.	Sicklepod
Cocklebur**	Nightshade, black	Sida, prickly/teaweed
Copperleaf, hophornbeam	Nightshade, hairy**	Smartweed, Pennsylvania
<i>Galinsoga</i> spp.	Pennycress, field	Spurge, spotted
Henbit	Pepperweed, Virginia	Starbur, bristly
Jimsonweed	Pigweed spp.	Sunflower, common**
Knotweed spp.	Purslane, common	Thistle, Russian
Kochia**	Pusley, Florida	Velvetleaf**
Ladythumb	Ragweed, common**	Waterhemp spp.
Annual Grasses		

Barley, volunteer**	Foxtail spp.	Shattercane**
Barnyardgrass	Goosegrass	Rice, red
Bluegrass, annual	Johnsongrass, seedling**	Signalgrass, broadleaf
Crabgrass	Junglerice	Sorghum, volunteer**
Crowfootgrass	Panicum, fall	Wheat, volunteer**
Cupgrass, prairie	Panicum, Texas**	Witchgrass
Cupgrass, southwestern	Sandbur spp.**	
Sedges		
Yellow nutsedge		
* This product will provide control of these annual broadleaf weeds except triazine-resistant biotypes other than <i>galinsoga</i> spp., black nightshade, pigweed spp. And waterhemp spp.		
**Suppression only. Suppression means significant activity, but not always at a level considered acceptable for commercial weed control.		

Application Rates

The application rates for LIBERTY SMET-MET for use in potatoes are provided below. Where a rate range is given, use the lower end of the rate range on the more coarse-textured soils listed within that group and/or where weed pressures are known to be light; use the high end of the rate range on the more fine-textured soils listed within that group and/or where the weeds pressures are known to be heavy.

Table 3: LIBERTY SMET-MET Preemergence Use Rates in Potatoes

Soil Texture	0.5 to 3% Organic Matter Pints per Acre	Over 3% Organic Matter Pints per Acre
COARSE ¹ (Sand, loamy sand, sandy loam)	1.5 - 2.0 (0.98 - 1.31 lb ai S-metolachlor and 0.23 - 0.31 ai lb Metribuzin)	2.0 - 2.4 (1.31 - 1.58 lb ai S-metolachlor and 0.31 - 0.38 lb ai Metribuzin)
MEDIUM or FINE (Loam, silt loam, silt, sandy clay, sandy clay loam, silty clay, silty clay loam, clay, clay loam)	2.4 - 2.75 (1.58 - 1.80 lb ai S-metolachlor and 0.38 - 0.43 lb ai Metribuzin)	2.75 - 2.9 (1.80 - 1.90 lb ai S-metolachlor and 0.43 - 0.45 lb ai Metribuzin)
¹ On soils that classify as a "sand" texture DO NOT use more than 1.5 pints (0.98 lb a S-metolachlor and 0.23 lb ai Metribuzin) per acre of LIBERTY SMET-MET, or more than 0.5 lb. a.i. per acre of Metribuzin in total, or crop injury may occur.		

Table 4: LIBERTY SMET-MET Postemergence Use Rates in Potatoes (for application in center pivot irrigation water only)

Soil Texture	0.5% Organic Matter and Above Pints per Acre
COARSE ¹ (Sand, loamy sand, sandy loam)	1.5 (0.98 lb ai S-metolachlor and 0.23 lb ai Metribuzin)
MEDIUM or FINE (Loam, silt loam, silt, sandy clay, sandy clay loam, silty clay, silty clay loam, clay, clay loam)	1.5 - 2.2 (0.98 - 1.44 lb ai S-metolachlor and 0.23 - 0.34 lb ai Metribuzin)
¹ Crop injury may occur on soils that classify as a "sand" texture and have less than 0.5% organic matter.	

Precautions

- To avoid crop injury, make postemergence applications only on russeted or white skinned varieties of potatoes that are not early maturing. Avoid postemergence applications on Atlantic, Bellchip, Centennial, Chipbelle, Shepody and Superior varieties. Preemergence applications on these varieties may cause crop injury under adverse weather conditions, on coarse soils, under high soil pH and with higher use rates.
- The planting of sensitive crops such as lettuce, cole crops and cucurbits during the next growing season following application of this product may result in injury to that crop.
- Certain cereal varieties are sensitive to Metribuzin and should not be planted during the next growing season unless the following cultural practices occur:

- Potato vines left in the row as a result of harvest must be uniformly distributed over the soil surface prior to plowing, and
- Plow with a moldboard plow to a depth sufficient to mix the upper 8 inches of soil.
- To avoid crop injury, postemergence application if weather in the next 3 days is predicted to be cool, wet or cloudy is not advised.
- Potato varieties may vary in their response to a given herbicide application. When using this product for the first time on a particular variety, always determine crop tolerance before using on a field-scale.

Restrictions

- **DO NOT** make more than two applications per year and **DO NOT** exceed the yearly totals listed below.
- **DO NOT** make applications less than 7 days apart.
- For potatoes grown in soils with organic matter between 3% and 10% **DO NOT** apply more than 5.1 pints (3.35 lb ai S-metolachlor) per acre per year; and in soils with organic matter between 0.5% and 3.0% do not apply more than 4.95 pints (3.25 lb ai S-metolachlor) per acre per year.
- **DO NOT** apply more than 1.0 lb ai of Metribuzin per acre/year.
- **DO NOT** apply to muck or peat soils.
- **Preharvest Interval (PHI): DO NOT** harvest within 60 days of the last application.
- **DO NOT** apply after June 30 in Idaho, Oregon, or Washington if the treated land will be planted to a crop other than potatoes in the fall.
- **DO NOT** apply this product to sweet potatoes or yams.
- **DO NOT** apply this product as a preplant incorporated application in potatoes, or crop injury may occur.

Tank Mixtures with Other Products Registered for Use in Potatoes

For preemergence applications in potatoes, LIBERTY SMET-MET may be tank mixed with other pesticide products registered for use in this way and timing in potatoes. Follow the directions for use, observe the stated precautions, and abide by the limitations and restrictions on the most restrictive of the product labels. If you have no previous experience mixing these products under your conditions, perform a compatibility test before attempting large-scale mixing (see the Compatibility Test section of this label).

For postemergence applications (center pivot irrigation applications only), i.e. where potato vines are exposed, there may be increased risk of crop injury from certain product mixtures. At this application timing, tank mix LIBERTY SMET-MET only with pesticide products which allow tank mixing and postemergence chemigation on their product label. Follow the directions for use, observe the stated precautions, and abide by the limitations and restrictions on the most restrictive of the product labels.

SOYBEANS (Except California)

LIBERTY SMET-MET may be applied preplant surface, preplant incorporated, preemergence, or as a sequential application to control weeds listed on this label.

Application Methods

Apply with ground equipment, aerial spray equipment or by center pivot irrigation equipment which is capable of making a uniform broadcast application. Apply before crop emergence.

Grazing and Feeding Treated Soybean Plants

Treated soybean plants may be grazed or fed to livestock 40 days after the last application of LIBERTY SMET-MET.

Rate Ranges

Where a rate range is shown, use a lower rate on soils that are 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.

Replanting

If replanting is necessary in fields previously treated with LIBERTY SMET-MET, the field may be replanted to soybeans. A minimum of tillage is recommended. **DO NOT** apply a second treatment as injury to soybeans may occur.

Precautions

Injury to soybeans or reduced weed control may occur when this product is used under the following conditions; these conditions should be avoided wherever possible.

- When soils have a calcareous surface area or a pH of 7.5 or higher.
- Due to the sensitivity of certain soybean varieties, LIBERTY SMET-MET is not recommended for use on Altona, AP 55, AP 71, Asgrow 6520, Burlison, Coker 102, Coker 156, Dassel, GL 3202, Govan, Maple Amber, NB 3665, NKS 1884, Paloma 350, Portage, Regal, Semmes, Terra-Vig 505, Terra-Vig 606, Tracy, Vansoy, and Vinton 81. If you choose to plant a newly released soybean variety, consult your seed supplier for information on its tolerance to Metribuzin (an active ingredient in this product) before using this product
- When applied in conjunction with soil-applied organic phosphate pesticides.
- Uneven application or improper incorporation of this product can decrease the level of weed control and/or increase the level of crop injury.
- When applied to any soil with less than 0.5% organic matter.
- Where soil incorporation is deeper than recommended.
- When sprayers were 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 to 1.5 inches deep, particularly when this product is applied preemergence.
- Where high soil levels of atrazine are present.
- When using poor quality soybean seed.

Restrictions

- **DO NOT** graze or feed soybean plants to livestock if they have received a post-emergent treatment. For all other applications, soybean plants may be grazed or fed to livestock 40 days after the last application of this product.
- **DO NOT** apply more than the maximum amount of this product indicated in each application type below per year.

Table 5: Weeds Controlled by LIBERTY SMET-MET

Annual Broadleaves*		
Anoda, spurred	Lambsquarters, common	Redweed
Beggarweed, Florida	Lettuce, prickly	<i>Sesbania</i> spp.
Carpetweed	Mallow, Venice	Shepherd's purse
Chickweed, common	Mustard spp.	Sicklepod
Cocklebur**	Nightshade, black	Sida, prickly/teaweed
Copperleaf, hophornbeam	Nightshade, hairy**	Smartweed, Pennsylvania
<i>Galinsoga</i> spp.	Pennycress, field	Spurge, spotted
Henbit	Pepperweed, Virginia	Starbur, bristly
Jimsonweed	Pigweed spp.	Sunflower, common**
Knotweed spp.	Purslane, common	Thistle, Russian
Kochia**	Pusley, Florida	Velvetleaf**
Ladythumb	Ragweed, common**	Waterhemp spp.
Annual Grasses		
Barley, volunteer**	Foxtail spp.	Shattercane**
Barnyardgrass	Goosegrass	Rice, red
Bluegrass, annual	Johnsongrass, seedling**	Signalgrass, broadleaf
Crabgrass	Junglerice	Sorghum, volunteer**

Crowfootgrass	Panicum, fall	Wheat, volunteer**
Cupgrass, prairie	Panicum, Texas**	Witchgrass
Cupgrass, southwestern	Sandbur spp.**	
Sedges		
Yellow nutsedge		
* This product will provide control of these annual broadleaf weeds except triazine-resistant biotypes other than <i>galinsoga</i> spp., black nightshade, pigweed spp. And waterhemp spp.		
**Suppression only. Suppression means significant activity, but not always at a level considered acceptable for commercial weed control.		

LIBERTY SMET-MET Foundation Program for Planned 2-Pass Weed Control Systems

LIBERTY SMET-MET may be applied preplant incorporated or preemergence at 1.5 to 1.8 pints (0.9 - 1.18 lb ai S-metolachlor and 0.23 - 0.28 lb ai Metribuzin) per acre on all soils to reduce competition from the weeds listed in Table 5 for a 30-day period when followed by a planned postemergence weed control treatment. Permitted postemergence treatments include any product or combination of products labeled to control the specific weeds remaining in the field including glyphosate (for use only on glyphosate-resistant soybean varieties). Follow all application directions for LIBERTY SMET-MET used alone, either preplant incorporated or preemergence. For the postemergence herbicide application, consult the selected postemergence herbicide manufacturer's label for weeds controlled, weed size, application rate, additional use directions, precautions, and limitations before use.

Restriction

- On soils with pH above 7.0, use the 1.5 pints (0.98 lb ai S-metolachlor and 0.23 lb ai Metribuzin) per acre rate only.

LIBERTY SMET-MET in Conventional Tillage Systems

Preplant Incorporated Application: Incorporate LIBERTY SMET-MET uniformly into the top 2 inches of soil within 14 days before planting using a disk, field cultivator, rolling cultivator, or similar implement. Apply this product preplant incorporated if furrow irrigation is used or when a period of dry weather after application is expected. If soybeans are planted on beds, apply and incorporate the tank mixture after bed formation.

Preemergence Application: Dry weather following preemergence application of LIBERTY SMET-MET may reduce effectiveness. If weeds develop, cultivate uniformly with shallow tilling equipment such as a rotary hoe that will not damage soybeans.

For information on applying product in fluid or dry fertilizer, refer to "Application in Water or Fluid Fertilizers or Impregnation onto Dry Bulk Granular Fertilizers" and "Application of Impregnated Dry Bulk Granular Fertilizer" on this label.

Table 6: LIBERTY SMET-MET Use Rates - Conventional Tillage Systems (Broadcast Rate)

Soil Texture	0.5 to 3% Organic Matter Pints per Acre	Over 3% Organic Matter ² Pints per Acre
COARSE ¹ (Sand, loamy sand, sandy loam)	1.2 - 1.5 ³ (0.79 - 0.98 lb ai S-metolachlor and 0.19 - 0.23 lb ai Metribuzin)	1.5 - 1.8 (0.98 - 1.18 lb ai S-metolachlor and 0.23 - 0.28 lb ai Metribuzin)
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)	1.8 - 2.1 (1.18 - 1.38 lb ai S-metolachlor and 0.28 - 0.33 lb ai Metribuzin)	2.1 - 2.4 (1.38 - 1.58 lb ai S-metolachlor and 0.33 - 0.38 lb ai Metribuzin)
FINE (silty clay, silty clay loam ⁴ , clay, clay loam)	2.4 - 2.7 (1.58 - 1.77 lb ai S-metolachlor and 0.38 - 0.42 lb ai Metribuzin)	2.4 - 3.0 (1.58 - 1.97 lb ai S-metolachlor and 0.38 - 0.47 lb ai Metribuzin)
¹ DO NOT use on sand soils. On coarse-textured soils, DO NOT use on loamy sand soils with less than 2% organic matter. ² For preplant incorporated application, use the lower rate. ³ For Southern and Southeastern states, see section below In Coarse (Light) Soils		

⁴ Silty clay loam soils are transitional soils and may be classified as medium-textured soils in some regions of the U.S. When using this product, treat this soil as “fine- textured.”

Precaution

- On soils with pH above 7.0, soybean injury caused by the Metribuzin in this product may occur at rates higher than 1.5 pints (0.98 lb ai S-metolachlor and 0.23 lb ai Metribuzin) per acre. To avoid injury, **DO NOT** use this product at rates greater than 1.5 pints (0.98 lb ai S-metolachlor and 0.23 lb ai Metribuzin) per acre on soils above pH 7.0.

In Coarse (Light) Soils

(Only in AL, AR, FL, GA, LA, MS, MO, NC, OK, SC, TN, TX, VA)

LIBERTY SMET-MET may be applied as a preplant incorporated or preemergence application in coarse-textured, low organic matter soils in the states listed above. Refer to the appropriate sections of this label for specific directions on use, precautions, and restrictions.

Weeds Controlled: Refer to Table 5.

Table 7: LIBERTY SMET-MET Preemergence Application (Broadcast Rates)

Soil Texture	Organic Matter	LIBERTY SMET-MET (Pints per Acre) ²
COARSE (Sand ¹ , loamy sand, sandy loam)	0.5% or above	1.2 - 2.1 (0.79 - 1.38 lb ai S-metolachlor and 0.19 - 0.33 lb ai Metribuzin)
¹ DO NOT use on sand with less than 1% organic matter.		
² Use the higher rate under heavy weed pressures and/or on soils higher in organic matter. For maximum control of sicklepod, use a preemergence application.		

Precaution

- On soils with pH above 7.0, soybean injury caused by the Metribuzin in this product may occur at rates higher than 1.5 pints (0.98 lb ai S-metolachlor and 0.23 lb ai Metribuzin) per acre. To avoid injury, **DO NOT** use this product at rates greater than 1.5 pints (0.98 lb ai S-metolachlor and 0.23 lb ai Metribuzin) per acre on soils above pH 7.0.

LIBERTY SMET-MET Tank Mixes

LIBERTY SMET-MET, applied at the rates listed in Table 8, can be applied preemergent, preplant or preplant incorporated with other herbicides registered for the same use and timing.

Table 8: Preemergent, Preplant or Preplant Incorporated Tank Mixes (Broadcast Rates)

Soil Texture	LIBERTY SMET-MET ¹ Pints per Acre	Tank Mix Partner Rate Per Acre
Coarse² (Loamy sand, sandy loam)	1.2 - 1.5 ² (0.79 - 0.98 lb ai S-metolachlor, 0.19 - 0.23 lb ai Metribuzin)	Refer to product label for use rates.
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	1.5 - 2.1 (0.98 - 1.38 lb ai S-metolachlor, 0.23 - 0.33 lb ai Metribuzin)	
Fine (Silty clay, silty clay loam ³ , clay, clay loam)	2.1 - 2.7 (1.38 - 1.77 lb ai S-metolachlor, 0.33 - 0.42 lb ai Metribuzin)	
¹ Use higher rate on soils with more than 3% organic matter.		
² For Southern and Southeastern states in coarse soils, see the In Coarse (Light) Soils section of this label for rates of this product.		
³ Silty clay loam soils are transitional soils and may be classified as medium-textured soils in some regions of the U.S. When using this product, treat this soil as “fine-textured.”		

Burndown Weed Control

LIBERTY **SMET-MET** can be used as part of a burndown herbicide program for control of existing vegetation prior to soybean emergence in conservation tillage (reduced-tillage/no-till) systems. Use for burndown is limited to ground applications only. This product may be tank mixed with other herbicides registered for the same use and timing. 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.

Use the high end of the rate range for applications of this product made before planting. Refer to Tables 6 and 7 for rates of LIBERTY **SMET-MET** alone and to Table 8 for rates with tank mix partners.

Precautions

- Observe all precautions and limitation on the labeling of all products used in tank mixtures. Refer to the "Product Information" section of this label for additional information, precautions and limitations.

Restrictions for Burndown Weed Control in Soybeans

- **DO NOT** apply these treatments after crop emergence.
- Burndown application may only be made by ground.
- Soybean plants or hay treated with this product as a burndown treatment may be grazed or fed to livestock 40 days after application. Follow the most restrictive preharvest interval of all products used in a tank mixture.
- Observe all precautions and restrictions on the labeling of all products used in tank mixtures.

LIBERTY SMET-MET Use Rates for Reduced and No-Till Systems

Preplant Surface Application: LIBERTY SMET-MET may be used in reduced-till and no-till systems. Applications may be made up to 30 days before planting or after planting, but before soybean emergence. Residual herbicides such as Clomazone, Cloransulam-methyl, Flumetsulam, Imazaquin, Metribuzin + Chlorimuron Ethyl and Pendimethalin may be tank mixed for additional weed control. If weeds are present at time of application, burndown herbicides may be added to the tank mixes (see Burndown Weed Control section). Refer to the tank mix product labels for specific rates and use directions.

Table 9: LIBERTY SMET-MET use Rates for Reduced-Till and No-Till Systems (Broadcast Rates)

Soil Texture	LIBERTY SMET-MET Pints per Acre ¹
Coarse² (Loamy sand, sandy loam)	1.2 - 2.1 (0.79 - 1.38 lb ai S-metolachlor and 0.19 - 0.33 lb ai Metribuzin)
Medium (Loam, silt loam, silt, sandy clay, sandy clay loam)	2.1 - 3.0 (1.38 - 1.97 lb ai S-metolachlor and 0.33 - 0.47 lb ai Metribuzin)
Fine (Silty clay, silty clay loam ³ , clay, clay loam)	2.7 - 3.6 (1.77 - 2.36 lb ai S-metolachlor and 0.42 - 0.56 lb ai Metribuzin)

¹ Use low 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.
² **DO NOT** use on sand soils. On coarse-textured soils, **DO NOT** use on loamy sand soils with less than 2% organic matter.
³ Silty clay loam soils are transitional soils and may be classified as medium-textured soils in some regions of the U.S. When using this product, treat this soil as "fine-textured".

LIBERTY SMET-MET Sequential Application

An early preplant (surface-applied or shallow incorporated) application of LIBERTY SMET-MET, followed by a preemergence application of this product after planting but before soybean emergence, will provide more consistent control of broadleaf and grass weeds than a single application. A sequential application

will decrease the need for tillage and/or burndown herbicides for the control of existing vegetation before planting, while providing residual control of weeds after planting.

Application

An early preplant application of LIBERTY SMET-MET may be made 15 to 30 days before planting soybeans. Follow this application with a preemergence overlay application of LIBERTY SMET-MET after planting but before crop emergence. Follow directions on this label for sequential applications from 0 to 14 days before planting.

Where a rate range is listed, use the higher rates (a) in fields with a history of severe weed pressure, (b) when the time between early preplant and preemergence overlay applications approaches the maximum 30 days, (c) when the organic matter content of the soil is over 3%, and/or (d) when heavy crop residues are present on the soil surface. When weeds exceed 1 to 1.5 inches in height or diameter at application, use a burndown herbicide, such as Glyphosate, Paraquat or 2,4-D LVE.

Weeds Controlled: In addition to weeds controlled by LIBERTY SMET-MET alone, the sequential application improves control of the following annual broadleaf weeds: buffalobur, cocklebur, common ragweed, velvetleaf, and sunflower.

Table 10: Sequential Application (Broadcast Rates)

Soil Texture ¹	Early Preplant Application LIBERTY SMET-MET Pints per Acre	Followed by	Preemergence Overlay Application LIBERTY SMET-MET ² Pints per Acre
COARSE¹ (Sand, loamy sand or sandy loam)	1.2 - 1.8 (0.79 - 1.18 lb ai S-metolachlor and 0.19 - 0.28 lb ai Metribuzin)	followed by	0.3 - 0.9 (0.20 - 0.59 lb ai S-metolachlor and 0.05 - 0.14 lb ai Metribuzin)
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)	2.1 - 3.0 (1.38 - 1.97 lb ai S-metolachlor and 0.33 - 0.47 lb ai Metribuzin)	followed by	0.6 - 1.2 (0.39 - 0.79 lb ai S-metolachlor and 0.09 - 0.19 lb ai Metribuzin)
FINE (silty clay, silty clay loam ³ , clay, clay loam)	2.7 - 3.6 (1.77 - 2.36 lb ai S-metolachlor and 0.42 - 0.56 lb ai Metribuzin)	followed by	0.9 - 1.5 (0.59 - 0.98 lb ai S-metolachlor and 0.14 - 0.23 lb ai Metribuzin)

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

² Total not to exceed 3.9 pints (2.56 lb ai S-metolachlor, 0.61 lb ai Metribuzin) of this product per acre per year.

³ Silty clay loam soils are transitional soils and may be classified as medium-textured soils in some regions of the U.S. When using this product, treat this soil as "fine- textured."

Postemergence Directed Application (AR, LA, MO – Bootheel only, MS, TN)

LIBERTY SMET-MET can be applied postemergence directed to soybeans to provide residual control of weeds that emerge after crop emergence in the states of Arkansas, Louisiana, Missouri - Bootheel only, Mississippi and Tennessee. A postemergence directed spray of this product can be applied to soybeans in addition to a preemergence or preplant application of LIBERTY SMET-MET according to label directions. The total amount of this product applied must not exceed 3.9 pints (2.56 lb ai S-metolachlor, 0.61 lb ai Metribuzin) per acre per year.

See the table below for LIBERTY SMET-MET postemergence directed rates according to soil type and organic matter level.

Table 11: LIBERTY SMET-MET Rates for Postemergence Directed Application (Broadcast Rates)

Soil Texture	Broadcast Rate Per Acre	
	0.5% to less than 3% Organic Matter Pints per Acre	3% Organic Matter or greater Pints per Acre
COARSE (Over 2% organic matter loamy sand, sandy loam)	1.3 (0.85 lb ai S-metolachlor and 0.20 lb ai Metribuzin)	1.5 (0.98 lb ai S-metolachlor and 0.23 lb ai Metribuzin)
MEDIUM	1.5 - 2.0 (0.98-1.31 lb ai S-metolachlor and 0.23 - 0.31 lb ai Metribuzin)	2.0 (1.31 lb ai S-metolachlor and 0.31 lb Metribuzin)
FINE Mississippi Delta Only (Silty clay, clay)	2.0 (1.31 lb ai S-metolachlor and 0.31 lb ai Metribuzin)	

A postemergence directed application of LIBERTY SMET-MET will provide residual preemergence weed control of the weeds listed in Table 5.

Apply in 10 to 20 gallons of water per acre in a 6 to 8 inch band on each side of the row when soybeans are at least 8 inches tall. **DO NOT** allow the directed spray to contact more than the lower 1/4 to 1/3 of soybean plants. Soybean leaves contacted by the spray will be killed or severely injured. **DO NOT** apply directly to soybeans or serious injury will occur.

Precaution

- If heavy rain occurs soon after application, crop injury may result, especially in poorly drained areas where water stands for several days.

Post-Directed Application Tank Mixes - Glyphosate-Resistant Soybeans Only

Postemergence directed applications of LIBERTY SMET-MET can be tank mixed with glyphosate in glyphosate-resistant soybeans only. Refer to the tank-mix partner label for use directions, restrictions and limitations. 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.

Restrictions - Postemergence Directed Application

- **DO NOT** exceed a total of 3.9 pints (2.56 lb ai S-metolachlor and 0.61 lb ai Metribuzin) per acre per year of this product.
- **DO NOT** graze or feed treated soybean forage, hay, or straw to livestock.
- **Preharvest Interval (PHI): DO NOT** apply within 90 days of soybean harvest.
- This product cannot be applied to sandy loam or loamy sand soils with less than 2% organic matter.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

Pesticide Disposal: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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 (EQUAL TO OR LESS THAN 5 GALLONS): DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 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. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. 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. Offer for recycling, if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures allowed by state and local authorities.

REFILLABLE CONTAINER: Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. After triple rinsing is complete, and the container is not suitable for refilling or reconditioning, offer the container 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.

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 LIBERTY CROP PROTECTION, 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 LIBERTY CROP PROTECTION, LLC and Seller harmless for any claims relating to such factors.

LIBERTY CROP PROTECTION, 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. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LIBERTY CROP PROTECTION, LLC, and TO THE EXTENT CONSISTENT WITH APPLICABLE LAW Buyer and User assume the risk of any such use. To the extent consistent with applicable law LIBERTY CROP PROTECTION, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither LIBERTY CROP PROTECTION, 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 LIBERTY CROP PROTECTION, 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 LIBERTY CROP PROTECTION, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

LIBERTY CROP PROTECTION, LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of LIBERTY CROP PROTECTION, LLC.

All trademarks are the property of their respective owners.

[BASE LABEL AFFIXED TO CONTAINER EQUAL TO OR LESS THAN 5 GALLONS]

S-METOLACHLOR	GROUP	15	HERBICIDE
METRIBUZIN	GROUP	5	HERBICIDE

LIBERTY SMET-MET

HERBICIDE

FOR CONTROL OF CERTAIN GRASSES AND BROADLEAF WEEDS IN POTATOES AND SOYBEANS

ACTIVE INGREDIENTS:	% BY WT.
S-metolachlor*	58.2%
Metribuzin**	13.8%
OTHER INGREDIENTS***:	<u>28.0%</u>
TOTAL:	100.0%

This product is formulated as an emulsifiable concentrate (EC) containing 5.25 lb of S-metolachlor and 1.25 lb of Metribuzin per gallon.

*CAS No. 87392-12-9

**CAS No. 21087-64-9

***Contains approximately 14% petroleum distillates.

KEEP OUT OF REACH OF CHILDREN
WARNING / AVISO

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

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
See inside booklet for Additional Precautionary Statements and Directions for Use.
Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

FIRST AID	
IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	Immediately call a poison control center or doctor for further treatment advice. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give any liquid to the person. DO NOT give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice
IF INHALED:	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.

NOTE TO PHYSICIAN
 Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at **1-800-858-7378** or your poison control center at **1-800-222-1222**.
 For Chemical Spill, Leak, Fire or Exposure, call CHEMTREC **800-424-9300**.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial, but temporary eye injury. **DO NOT** get in eyes or on clothing. Harmful if swallowed. Harmful if absorbed through skin. 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. Contains petroleum distillates. This product may cause skin sensitization reactions in some people.

USER SAFETY RECOMMENDATIONS

Users should: Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling 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, 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.

Refer to label for complete Groundwater, Surface Water and Non-Target Organism Advisories.

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.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

Pesticide Disposal: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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.

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EPA Reg. No.: 89168-88
EPA Est. No.: _____
NET CONTENTS: ___ Gal. (___ L)

Manufactured for:
LIBERTY CROP PROTECTION, LLC
1880 Fall River Drive, Suite 100
Loveland, CO 80538

[BASE LABEL AFFIXED TO CONTAINER GREATER THAN 5 GALLONS OR RETURNABLE]

S-METOLACHLOR	GROUP	15	HERBICIDE
METRIBUZIN	GROUP	5	HERBICIDE

LIBERTY SMET-MET

HERBICIDE

FOR CONTROL OF CERTAIN GRASSES AND BROADLEAF WEEDS IN POTATOES AND SOYBEANS

ACTIVE INGREDIENTS:	% BY WT.
S-metolachlor*	58.2%
Metribuzin**	13.8%
OTHER INGREDIENTS***:	<u>28.0%</u>
TOTAL:	100.0%

This product is formulated as an emulsifiable concentrate (EC) containing 5.25 lb of S-metolachlor and 1.25 lb of Metribuzin per gallon.

*CAS No. 87392-12-9

**CAS No. 21087-64-9

***Contains approximately 14% petroleum distillates.

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WARNING / AVISO

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

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See inside booklet for Additional Precautionary Statements and Directions for Use.

Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.

FIRST AID

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IF SWALLOWED:	Immediately call a poison control center or doctor for further treatment advice. DO NOT induce vomiting unless told to do so by a poison control center or doctor. DO NOT give any liquid to the person. DO NOT give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice
IF INHALED:	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.

NOTE TO PHYSICIAN

Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

HOTLINE NUMBER

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ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment wash water or rinsate.

Note to reviewer: Either Option 1 or 2 will be used based on the amount of space available on the base label.

Option 1:
Groundwater Advisory

S-metolachlor and Metribuzin 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. Users are advised not to apply this product 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. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

Surface Water Advisory

S-metolachlor may impact surface water quality due to 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 weeks or 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 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.

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.

Option 2:
Refer to label for complete Groundwater, Surface Water and Non-Target Organism Advisories.

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.

[Optional: Agricultural Use Requirements]

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

Exception: If the product is soil-injected or soil- incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, wear: Protective eyewear, coveralls over short-sleeved shirt and short pants, chemical-resistant gloves made of barrier laminate, butyl rubber, nitrile rubber or Viton (all \geq 14 mils), chemical-resistant footwear plus socks and chemical-resistant headgear for overhead exposure

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

Pesticide Disposal: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the 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.

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dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

EPA Reg. No.: 89168-88
EPA Est. No.: _____
NET CONTENTS: ___ Gal. (___ L)

Manufactured for:
LIBERTY CROP PROTECTION, LLC
1880 Fall River Drive, Suite 100
Loveland, CO 80538