Me-Too-Lachlor™ Herbicide

For weed control in Cotton, Peanuts, Pod crops, Potatoes, Safflowers, Sorghum, Soybeans and Tomatoes.

ACTIVE INGREDIENT:
Metolachlor: 2-chloro-N-(2-ethyl-6-methylphenyl)-
N-(2-methoxy-1-methylethyl) acetamide .................. 86.4%
OTHER INGREDIENTS: ........................................... 13.6%
TOTAL: .................................................................. 100.0%

This product contains 8 pounds of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION
See FIRST AID Below

EPA Reg. No. 19713-548
EPA Est. No. 19713-MS-1 Net Content: 2.5 Gals.

FIRST AID

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.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 to 20 minutes.

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.

IF SWALLOWED:
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Do not give anything by mouth to an unconscious or convulsing person.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

FOR CHEMICAL SPILL, LEAK, FIRE OR EXPOSURE CALL TOLL FREE 1-800-424-9300.

PRECAUTIONARY STATEMENTS

Hazard To Humans And Domestic Animals
CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with eyes, nose or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category H on an EPA chemical resistance category selection chart.

ENGINEERING CONTROL STATEMENTS

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 [40 CFR 170.240(d)(4)]. When using the closed system, the PPE requirements for mixers and loaders 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 [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS

For terrestrial uses, 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 waters or rinsate.

Groundwater Advisory
This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Surface Water Advisory
Metolachlor can contaminate surface water through ground spray drift. Under some conditions, metolachlor may also have a high potential for run-off into surface water (primarily via dissolution in run-off water), for several months post-application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

Manufactured By:
Drexel Chemical Company
P.O. BOX 13327, MEMPHIS, TN 38113-0327
SINCE 1972

548SP-0813*
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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 public water supplies, 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 unpaved 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.

PRODUCT INFORMATION
Observe all use precautions and limitations on the labels of each product used in tank-mixtures. Tank-mixtures are permitted only in those States where the tank-mix partner is registered.

ME-TOO-LACHLOR is a herbicide recommended as a pre-plant surface-applied, pre-plant incorporated, or pre-emergence treatment in water or fluid fertilizer for control of most Annual grasses and certain Broadleaf weeds in Cotton, Peanuts, Pod crops, Potatoes, Safflowers, Soybeans and Tomatoes.

Note: Do not use in nurseries, turf, or landscape plantings. Do not apply under conditions which favor run-off or wind erosion of soil containing this product to non-target areas. To prevent off-site movement due to run-off or wind erosion:

1) 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.
2) Do not apply to impervious substrates such as paved or highly compacted surfaces.
3) Do not use tailwater from the first flood or furrow irrigation of treated fields to treat non-target crops unless at least one-half inch of rainfall has occurred between application and the first irrigation.

Note: Certain states may have established rate limitations for atrazine within specific geographical areas. Consult your state lead pesticide control agency for additional information. It is a violation of this label to deviate from state use regulations. If this product is incorporated, any supplemental tillage before planting must not exceed the depth of incorporation. Dry weather following pre-emergence application of this product or a tank-mixture may reduce effectiveness. Cultivate if weeds develop. Where reference is made to weeds partially controlled, partial control can either mean erratic control from good to poor, or consistent control at a level below that generally considered acceptable for commercial weed control.

Use Precaution: Injury may occur following the use of this product under abnormally high soil moisture conditions during early development of the crop.

RESISTANCE MANAGEMENT

GROUP 15 HERBICIDE
This product is a Group 15 herbicide. Any weed population may contain or develop plants naturally resistant to this product and other Group 15 herbicides. Weed species with acquired resistance to Group 15 may eventually dominate the weed population if Group 15 herbicides are used repeatedly in the same field or in successive years as primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 15 herbicides.

To delay herbicide resistance, consider:
- Avoiding the consecutive use of this product or other target site of action Group 15 herbicides that have a similar target site of action on the same weed species.
- Using tank-mixtures or pre-mixes with herbicides from different target site of action Groups as long as the involved products are all registered for the same use, have different sites of action, and are both effective at the tank-mix or pre-pack rate on the weed(s) of concern.
- Basing herbicide use on a comprehensive IPM program.
- Monitoring treated weed populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors and/or manufacturer for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes.

MIXING INSTRUCTIONS
This Product Alone: Mix this product with water or fluid fertilizer and apply as a spray. Fill the spray tank one-half to three-quarters full with water or fluid fertilizer, add the proper amount of this product, then add the rest of the water or fluid fertilizer. Provide sufficient agitation during mixing and agitation to maintain a uniform emulsion.

Tank-Mixtures: Fill the spray tank one-quarter full with water, and start agitation; add Balan®, Basagran®, Butoxone®, Butyrac®, Canopy®, Caparol®, 4L Command®, Cotoran®, EPTC (Eptam® 7-E), Gemini®, Lexone®, Linuron, Lorox Plus®, MSMA, Preview®, Simazine, Provi®, Pursuit®, Scepter®, Sencor®, Sonalan®, Starfire®, or Trifluralin, and allow it to become dispersed; then add this product, then add Gramoxone® Extra or Glyfosate if these products are being used; and finally the rest of the water. For tank-mixtures with Canopy, Caparol 4L, Command, Cotoran®, EPTC (Eptam 7-E), Gemini, Lexone, Linuron, Lorox Plus, Preview, Provi®, Pursuit, Scepter, Sencor, Sonalan, Starfire, or Trifluralin, fluid fertilizers may replace all or part of the water as carrier. For each tank-mixture, conduct a compatibility test as described in Appendix A of this label. For all tank-mixtures, agitate during mixing and application to maintain a uniform suspension.

* See Special Mixing Instructions for tank-mixtures with Cotoran, under the appropriate tank-mix type section.

For directions on how to conduct a compatibility test, see Appendix A.

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.

DO NOT APPLY THIS PRODUCT BY AIR IN NEW YORK STATE. DO NOT SELL, USE OR DISTRIBUTE THIS PRODUCT IN NASSAU AND SUFFOLK COUNTIES.

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, such as plants, soil, or water is:
- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves, such as barrier laminate or viton
- Shoes plus socks

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

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

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1. **SOIL TEXTURES AND HERBICIDE RATES**

Where rates are based on Coarse, Medium, or Fine-textured soils, it is understood that soil textural classes are generally categorized as follows:

<table>
<thead>
<tr>
<th>Coarse</th>
<th>Medium</th>
<th>Fine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand</td>
<td>Loam</td>
<td>Loam</td>
</tr>
<tr>
<td>Loamy sand</td>
<td>Silt</td>
<td>Silt</td>
</tr>
<tr>
<td>Sandy loam</td>
<td>Sand</td>
<td>Silty clay loam</td>
</tr>
</tbody>
</table>

Within rate ranges in the rate tables and elsewhere on this label, use the lower rate on soils relatively Coarse-textured or low in organic matter; use the higher rate on soils relatively Fine-textured or high in organic matter.

This product may be applied pre-emergence alone, or in combination with tank-mix partners specified on this label, following pre-plant incorporated herbicides when used according to their label recommendations, provided that such use is not prohibited on the respective labels. Thoroughly clean sprayer or other application device before using. Dispose of cleaning solution in a responsible manner. Do not use a sprayer or applicator contaminated with any other materials, or crop damage or clogging of the application device may result.

2. **APPLICATION PROCEDURES**

This product alone or in some tank-mixtures with other labeled herbicides may be applied for weed control in certain crops at various times. Refer to the given crop section of the label to determine if application timings listed below are recommended.

**A) Pre-plant Surface-Applied:** For Minimum-tillage or No-tillage systems only, this product alone and some tank-mixtures of this product may be applied up to 45 days before planting certain crops. Use only split applications for treatments made 30 to 45 days before planting, with two-thirds the specified broadcast rate for the crop and soil texture applied initially and the remaining one-third at planting. Treatments less than 30 days before planting may be made either as a split or a single application. Refer to individual crop to determine if early pre-plant surface application is recommended. If weeds are present at the time of treatment, apply in a tank-mixture combination with a contact herbicide (for example, Gramoxone Extra or Glyphosate). Observe directions for use, use precautions, and restrictions on the label of the contact herbicide. To the extent possible, do not move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

**B) Pre-plant Incorporated:** Apply this product to the soil and incorporate into the top 2 inches of soil within 14 days before planting, using a finishing disk, harrow, rolling cultivator, or similar implement capable of providing uniform 2-inch incorporation. Use a pre-plant incorporated application if furrow irrigation is used or when a period of dry weather after application is expected. If crop will be planted on beds, apply and incorporate this product after bed formation, unless specified otherwise.

**C) Pre-emergence:** Apply this product during planting (behind the planter) or after planting, but before weeds or crops emerge.

3. **SPECIAL APPLICATION PROCEDURES**

**A) Pre-plant Incorporated – CA Only (Safflowers, Pod Crops):** Broadcast this product to the soil and thoroughly incorporate with a disk or similar implement set to till 4 to 6 inches deep. For more thorough incorporation, till the soil in 2 different directions (cross-till). Crops may be planted on flat surface or on beds. Caution should be used when forming the beds that only soil from this product’s treated zone is used (i.e., untreated soil should not be brought to soil surface). If the application is made to preformed beds, incorporate this product with a tillage implement set to till 2 to 4 inches deep. Care should be taken during tilling to keep the tilled (this product treated) soil on the beds.

**B) Pre-emergence:** Apply this product after planting. Water with sprinkler or flood irrigation within 7 to 10 days.

**C) Fall Application (only in IA, MN, ND, SD, WI, North of Route 20 in the state of NE, and North of Route 136 in the state of IL):** Do not apply to frozen ground. Use on Medium and Fine soils with greater than 2.5% organic matter that will be planted to Soybeans the next Spring. Ground may be tilled before or after application. Do not exceed a 2 to 3-inch incorporation depth if tilled after treatment.

Note: If a Spring application is made, the total rate of the Fall plus Spring applications must not exceed the maximum total rate for the specific crop, or illegal residues may result.

**D) Ground Application:** Apply this product alone or in tank-mixtures by ground equipment in a minimum of 10 gals. of spray mixture per acre, unless otherwise specified. Use sprayers that provide accurate and uniform application. For tank-mixtures of this product with wettable powder or dry flowable formulations, screens and strainers should be no finer than 50-mesh. Rinse sprayer thoroughly with clean water immediately after use. Calculate the amount of herbicide needed for band treatment by the following formula:

\[
\text{amount needed} = \frac{\text{band width in inches} \times \text{broadcast rate}}{\text{per acre}} \times \text{per acre of field}
\]

Note: For additional information on Compatibility Test – See APPENDIX A; LOW CARRIER APPLICATION – See APPENDIX B; AERIAL APPLICATION – See APPENDIX C; CENTER PIVOT IRRIGATION APPLICATION – See APPENDIX D; DRY BULK GRANULAR FERTILIZERS – See APPENDIX E.

**THIS PRODUCT APPLIED ALONE**

**1) WEEDS CONTROLLED:**

<table>
<thead>
<tr>
<th>Barnyardgrass (watergrass)</th>
<th>Giant foxtail</th>
<th>Red rice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bristly foxtail</td>
<td>Goosegrass</td>
<td>Robust foxtails</td>
</tr>
<tr>
<td>Carpetweed</td>
<td>Green foxtail</td>
<td>(Purple, White)</td>
</tr>
<tr>
<td>Crabgrass</td>
<td>Italian ryegrass</td>
<td>Signalgrass</td>
</tr>
<tr>
<td>Crowfootgrass</td>
<td>(Lolium multiflorum)*</td>
<td>(Brachiaria)</td>
</tr>
<tr>
<td>Eastern black nightshade</td>
<td>Pigweed</td>
<td>Southwestern</td>
</tr>
<tr>
<td>Fall panicum</td>
<td>(Palmer amaranth, Powell amaranth, Prostrate, Redroot, Smooth, Tumble)</td>
<td>cupgrass</td>
</tr>
<tr>
<td>Florida pusley</td>
<td></td>
<td>Waterhemp</td>
</tr>
<tr>
<td>Foxtail millet</td>
<td></td>
<td>(Common, Tall)</td>
</tr>
<tr>
<td>Galinsoga</td>
<td></td>
<td>Witchgrass</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yellow foxtail</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Yellow nutsedge</td>
</tr>
</tbody>
</table>

Note: For control of this weed, apply in the Fall using 1.67 pts. of this product on Medium soils and 2 pts. of this product on Fine soils after harvest of the previous crop but prior to emergence of this weed. Do not apply to frozen ground. A tillage operation may precede application of this product. A Fall and/or Spring tillage may follow application but incorporation depth must not exceed more than 2 to 3 inches. After emergence of this weed, apply this product in tank-mix combination with other herbicides with use directions against this weed. Observe all use precautions and limitations on the labels of each product used in tank-mixture. Tank-mixtures are permitted only in those states where the tank-mix partner is registered. Observe the specified maximum allowable rate of this product for a crop growing season.

**2) WEEDS PARTIALLY CONTROLLED:**

- **Common purslane**
- **Eclipta**
- **Florida beggarweed**
- **Hairy nightshade**
- **Sandbur**
- **Seedling**
- **Johnsongrass**
- **Shattercane**
- **Volunteer sorghum**
- **Wild proso millet**
- **Woolly cupgrass**

* See Product Information section. Control of these weeds can be erratic, due partially to variable weather conditions. Control may be improved by following these suggested procedures:

**A) Thoroughly till moist soil to destroy germinating and emerged weeds. If this product is to be applied, pre-plant incorporated, this tillage may be used to incorporate this product if uniform 2-inch incorporation is achieved as recommended under Application Procedures.**

**B) Plant crop into moist soil immediately after tillage. If this product is to be used pre-emergence, apply at planting or immediately after planting.**

**C) If available, sprinkle irrigate within 2 days after application. Apply one-half to 1 inch of water. Use lower water volume (one-half inch) on Coarse-textured soils and higher volume (1 inch) on Fine-textured soils. Also, refer to the section on Center Pivot Irrigation Application for this method of applying this product.**

**D) If irrigation is not possible and rain does not occur within 2 days after planting and application, weed control may be decreased. Under these conditions, a uniform, shallow cultivation is recommended as soon as weeds emerge.**

**For partial control of this weed, use a minimum of 2 pts./Ac. and apply pre-emergence.**
3) ROTATIONAL CROPS

This Product Alone:

A) If crop treated with this product alone is lost, any crop on this label may be replanted immediately. Do not make a second broadcast application of this product. If the original application was band and the second crop is planted in the untreated row middles, a second banded treatment may be applied.

B) Barley, Oats, or Wheat may be planted 4.5 months following treatment; Alfalfa may be planted 4 months following application. Tomatoes may be planted 6 months following application.

C) Any crop on this label, in addition to Root crops, Tobacco, Barley, Buckwheat, Milo, Oats, Rice, Rye, Wheat, Cabbage or Peppers may be planted in the next Spring following treatment. Clover may be seeded 9 months following application. Do not graze or feed forage or fodder from Cotton to livestock. All other rotational crops may be planted 12 months after a lay-by-application.

D) Following a lay-by treatment or multiple treatments applied the previous season, any crop on this label, in addition to Tobacco, Cabbage or Peppers, may be planted in the Spring.

This Product In Tank-Mixtures:

For Rotational Crops restrictions for this product used in tank-mixtures, refer to the statements/restrictions above for this product and to the respective product labels of any mixing partner(s) for additional statements/restrictions.

Important Notes: To avoid injury to rotational Alfalfa or Clover: (1) Do not apply more than 3 lbs. a.i. per acre (3 pts. of this product) pre-emergence (including pre-plant surface, pre-plant incorporated, post-plant incorporated, etc.), and (2) Do not make lay-by or other post-emergent applications of this product.

COTTON — THIS PRODUCT ALONE

Application:

Apply this product pre-emergence only in Area 1* at the rate of 0.75 to 1 pt./Ac. on Sandy loams, 1 to 1.33 pts./Ac. on Medium soils, or 1 to 1.33 pts./Ac. on Fine soils. Apply this product pre-plant incorporated or pre-emergence in Area 2** at 1 pt./Ac. on Sandy loams, 1 to 1.33 pts./Ac. on Medium soils, or 1.33 pts./Ac. on Fine soils. Apply this product post-emergence to cotton and pre-emergence to weeds at 0.75 to 1.33 pts./Ac. according to the state rate limitations in the following Pre-emergence section below. Do not use on Sands and Loamy sand.

** Area 1 = AR, LA, MS, TN, and Bootheel of MO
** Area 2 = NM, OK, and TX

Pre-plant incorporated (NM, OK, and TX Only): Apply to the soil and incorporate into the top inch of soil immediately before planting, at planting, or after planting, but before crop or weeds emerge. Use a rolling cultivator or similar implement to uniformly incorporate not more than 1 inch deep. Use a pre-plant incorporated application if furrow irrigation is used or when a period of dry weather after application is expected. Where furrow irrigation is used, wet the top of the bed for best results. If the crop is to be planted on beds, apply and incorporate after bed formation. Cotton should be planted below the zone of incorporation; i.e., at least 1 inch on Fine soils and 1.5 inches on Coarse and Medium soils. If incorporated prior to planting, use a planter that will result in a minimum of soil disturbance.

Note: For best control of Yellow nutsedge and suppression of seeding Johnsongrass, apply this product pre-plant incorporated at the maximum rate for the soil texture, whether applied alone or mixed with Caparol 4L.

Pre-emergence: Apply to the soil surface at planting or after planting, but before weeds or crop emerge.

Post-emergence: Apply this product broadcast over-the-top or directed to the soil surface, according to the rate and Cotton height limitations listed below by state. Application before weeds emerge or after clean cultivation to remove existing weeds is necessary as this product will not control emerged weeds. This product post-emergence may be applied over any previous registered herbicide treatment. In sprinkler-irrigated areas, sprinkler irrigate after application with one-half to 1 inch of water (one-half inch on Coarse-textured soils to 1 inch on Fine-textured soils) to incorporate this product. In furrow-irrigated areas, apply this product, incorporate with a rolling cultivator or similar implement that provides uniform shallow incorporation (2 inches or less), and then irrigate. In non-irrigated areas, if at least one-half inch of rainfall does not occur within 10 days after application, cultivate with a rolling cultivator or similar implement that provides uniform shallow incorporation of this product.

VA, NC, SC, GA, FL, and AL: Apply this product at 1 to 1.33 pts./Ac. when Cotton is 3 to 6 inches tall.

TN, AR, MS, MO, and LA: Apply this product at 0.75 to 1.33 pts./Ac. when Cotton is 3 to 12 inches tall.

TX, OK, NM, AZ, CA, and Clay Soils in AR: Apply this product at 1 to 1.33 pts./Ac. when Cotton is 3 to 12 inches tall, but before August 1.

Multiple Applications: Where weed pressure is heavy, difficult-to-control species are expected, or reinfestation may occur, and a weed control program is used, multiple applications of this product are effective when used as part of the weed control program. Apply a pre-plant incorporated or pre-emergence treatment and follow with an application post-emergence to Cotton before weeds emerge or after clean cultivation to remove existing weeds since this product will not control emerged weeds. Cotton should be at least 3 inches tall at the post-emergence timing. Apply this product post-emergence over a previous pre-plant or pre-emergence application of this product as shown in the following table.

<table>
<thead>
<tr>
<th>State</th>
<th>Pre-plant incorporated + Pre-emergence Pts./Ac.</th>
<th>Post-emergence and Height Pts./Ac.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS, LA, TN, AR, MO</td>
<td>0.75-1.33 (Pre-emergence Only)</td>
<td>0.75-1.33 to 3-12&quot; Cotton</td>
</tr>
<tr>
<td>TX, OK, NM</td>
<td>1.0-1.33</td>
<td></td>
</tr>
<tr>
<td>NC, VA</td>
<td>1.0-1.33</td>
<td>+</td>
</tr>
</tbody>
</table>

In sprinkler-irrigated areas, sprinkler irrigate after application with one-half to 1 inch of water (one-half inch on Coarse-textured soils to 1 inch on Fine-textured soils) to incorporate this product. In furrow-irrigated areas, apply this product, incorporate with a rolling cultivator or similar implement that provides uniform shallow incorporation (2 inches or less), and then irrigate. In non-irrigated areas, if at least one-half inch of rainfall does not occur within 10 days after application, cultivate with a rolling cultivator or similar implement that provides uniform shallow incorporation of this product.

For best control of Yellow nutsedge and suppression of seeding Johnsongrass, apply this product pre-plant incorporated, pre-emergence, or post-emergence to Cotton and pre-emergence to weeds at the maximum rate for the soil texture, whether applied alone or in combinations. Do not apply more than a total of 2 pts./Ac. on Coarse soils or 4 pts./Ac. of this product on Medium and Fine soils during a growing season. These treatments may be applied over previous registered herbicide treatments.

Use Precautions: To avoid crop injury, (1) Do not apply this product on Sand or Loamy sand soils, or in areas where water is likely to “pond” over the bed; (2) To avoid concentration in the seed furrow, do not make broadcast applications of this product to Cotton planted in furrows more than 2 inches deep. Band applications may be made to Cotton planted in furrows deeper than 2 inches, but band width should not exceed the width of the bottom of the furrow; (3) In furrow-planted Cotton, to avoid concentration in the furrow and potential injury, do not apply this product post-emergence until after first “knifing” or cultivation to level soil surface. (4) Do not apply over-the-top in fluid fertilizer or any other adjuvant, surfactant, oil, or other pesticide not recommended in the Cotton section of this label, or injury may occur; (5) Do not apply on Taloka silt loam. (6) Do not use in Gaines County, TX.

Note: Do not graze or feed forage or fodder from Cotton to live stock, or illegal residues may result.

COTTON — THIS PRODUCT IN COMBINATIONS

TANK-MIXTURE OF THIS PRODUCT WITH GLYPHOSATE (INCLUDING IMITATOR PLUS®, ROUNDUP, ROUNDUP ULTRA, ROUNDUP ULTRA MAX) FOR USE ON ROUND-UP READY COTTON ONLY

Apply this product as a tank-mixture with glyphosate in water post-emergence—directed or post-emergence—over-the-top for control of emerged weeds as listed on the glyphosate labels and for residual pre-emergence weed control of the weeds listed on this label. See the section Cotton — This Product Alone Post-emergence for use rates and timings of this product and follow the glyphosate label for its specified rates, method of application, and timing of application restrictions. Do NOT add fertilizer additives, surfactants and spray adjuvants or

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pesticides to this tank-mixture if it is to be applied post-emergence–over-the-top to Cotton or crop injury may occur.

**Use Precautions:** Do not apply this tank-mixture post-emergence to any variety of Cotton unless it is designated Roundup Ready and unless the glyphosate formulation being used states it may be used on Roundup Ready Cotton. Post-emergence–over-the-top applications of this tank-mixture may cause temporary injury such as necrotic spotting on the exposed Cotton leaves, which will not affect normal plant development. Do not apply glyphosate post-emergence–over-the-top to Cotton past the growth stage limit as specified on the glyphosate label. Do not use on Sand or Loamy sand soils in Gaines County, TX.

**TANK-MIXTURE WITH IGNITE® FOR USE ON LIBERTYLINK® COTTON**

Apply this product as a tank-mixture with Ignite in water post-emergence–directed or post-emergence–over-the-top for control of emerged weeds as listed on the Ignite label and residual pre-emergence weed control of the weeds listed on this label. See the section Cotton – This Product Alone Post-emergence for the use rates and timings of this product and follow the Ignite label for its specified rates, method of application, and timing of application restrictions. DO NOT add fertilizer additives, surfactants and spray adjuvants or other pesticides to this tank-mixture if it is to be applied post-emergence–over-the-top to Cotton or crop injury may occur.

**Use Precautions:** (1) Do not apply this tank-mixture post-emergence to any variety of Cotton unless it is designated tolerant. (2) Post-emergence–over-the-top applications of this tank-mixture may cause temporary injury such as necrotic spotting on the exposed Cotton leaves, which will not affect normal plant development. (3) Do not apply Ignite post-emergence–over-the-top to Cotton beyond early bloom stage. (4) Do not use in Gaines County, TX on Sand or Loamy sand soils. (5) Do not apply Ignite to genetically modified Cotton in Florida, South of Tampa (Florida Route 60), or in Hawaii, except for test plots or breeding nurseries.

**TANK-MIXTURE WITH CAPAROL 4L**

This product tank-mixed with Caparol 4L may be applied pre-plant incorporated or pre-emergence in water or fluid fertilizer. When fluid fertilizer is used as a carrier for this product, either alone or in combination with Caparol 4L, mix only the amount that will be sprayed in one operation. These mixtures should not be allowed to stand without agitation. Only water may be used as a carrier for post-emergence directed application.

In addition to those weeds controlled by this product alone, this product + Caparol 4L, applied pre-plant incorporated or pre-emergence, also controls the following weeds: Junglerice, Wild oats, Annual morning-glory, Groundcherry, Hairy nightshade, Lambsquarters, Malva, Mustard, Prickly sida (teaweed), Purslane, Ragweed, and shallow-germinating seedlings of Cocksfoot and Coffeeweeds. As a post-emergence-directed application, Caparol provides post-emergence control and residual control of weeds on its label, while this product provides residual control of weed species on its label. This product will not control emerged weeds.

**Pre-plant Incorporated or Pre-emergence:** Apply this product + Caparol 4L, either pre-plant incorporated or pre-emergence, using the appropriate rate from Table 1. Cotton should be planted below the zone of incorporation; i.e., at least 1 inch on Fine soils and 1.5 inches on Coarse and Medium soils. If incorporated before planting, use a planter that will result in a minimum of soil disturbance.

**Use Areas**

- OK and Blacklands and Gulf Coast of TX
- Rio Grande Valley of TX
- NM; High Plains, Rolling Plains, Edwards Plateau of TX; and Southwest TX
- Other clay soils

<table>
<thead>
<tr>
<th>Use Areas</th>
<th>Soil Texture</th>
<th>Broadcast Rate per Acre (pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL</td>
<td>Sand, Loamy sand</td>
<td>DO NOT USE</td>
</tr>
<tr>
<td></td>
<td>Loam</td>
<td>0.85 – 1.33</td>
</tr>
<tr>
<td></td>
<td>Clay</td>
<td>1.33</td>
</tr>
<tr>
<td></td>
<td>Sandy loam</td>
<td>0.85 – 1.33</td>
</tr>
<tr>
<td></td>
<td>Loam</td>
<td>0.85 – 1.33</td>
</tr>
<tr>
<td></td>
<td>Sandy clay loam</td>
<td>1.33</td>
</tr>
<tr>
<td></td>
<td>Other clay soils</td>
<td>1.33</td>
</tr>
</tbody>
</table>

**Post-emergence-Directed (AR, AZ, CA, LA, MO, MS, NM, OK, TN, and TX):** This product may be tank-mixed with Caparol 4L in water and applied post-emergence directed in Cotton for control of emerged weeds listed on the Caparol 4L label and residual pre-emergence control of weeds controlled by this product and Caparol 4L, or application may be made after cultivation for residual pre-emergence control. These treatments may be applied after registered treatments, including this product, provided the maximum label rate of any product is not exceeded. Do not apply over-the-top of Cotton or injury may occur.

Apply this product + Caparol 4L in a minimum of 20 gals. of spray volume per acre. Follow the directions, limitations, and use precautions on the Caparol 4L label when Caparol is applied as a post-emergence-directed application. Refer to the directions, limitations, and precautions for use of this product under the Cotton – This Product Alone – Post-emergence section.

**Use Precautions:** (1) To avoid concentration in the seed furrow, do not make broadcast applications of this product + Caparol 4L to Cotton planted in furrows more than 2 inches deep. Band applications may be made to Cotton planted in furrows deeper than 2 inches, but band width should not exceed the width of the bottom of the furrow. To avoid crop injury, (2) Do not apply on Sand or Loamy sand soils, or in areas where water is likely to “pond” over the bed; (3) Do not apply in cut areas of newly leveled fields, or in areas of excess salt; (4) Do not apply to glandless Cotton varieties; and (5) Do not apply on Taloaka silt loam. Do not use in Gaines County, TX.

**Note:** Do not graze or feed forage or fodder from Cotton to livestock, or illegal residues may result.

Refer to the Caparol 4L label for further instructions and limitations.

**TANK-MIXTURE WITH COTORAN DF**

This product may be applied in tank-mixture with Cotoran DF for pre-emergence for control of those weeds controlled by this product alone and those as listed on the Cotoran DF label. This combination will also control Spotted spurge, Hysop spurge, Nodding spurge, and Prostrate spurge. Apply to the soil surface at planting or after planting. Before weeds or crop emerge, using the appropriate rates from Table 2. The tank-mixture may be applied post-emergence to Cotton, but pre-emergence to weeds, or it may be applied post-emergence to both Cotton and Broadleaf weeds for control of weeds on the Cotoran label. Apply as a directed, semi-directed, or over-the-top spray. This product will not control emerged weeds, but will provide pre-emergence control of species on its label.

**Mixing Instructions:** Incompatibility may occur when tank-mixing this product and Cotoran DF. To help overcome this condition, fill the spray tank one-quarter full with water of fluid fertilizer and start agitation, add the Cotoran DF and allow to become dispersed. Add X-77 at 0.5% volume/volume final spray (4 pts./100 gals.), then add this product and finally the rest of the water or fluid fertilizer. Agitate during mixing and application to maintain a uniform suspension. Do not use fluid fertilizer as a carrier for post-emergence applications.

**Table 2: This Product + Cotoran DF — Cotton**

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre</th>
<th>Cotoran DF*** (Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Area 1</strong></td>
<td><strong>Area 2</strong></td>
<td></td>
</tr>
<tr>
<td>Sand, Loamy sand</td>
<td>0.75 – 1.0</td>
<td>0.85 – 1.0</td>
</tr>
<tr>
<td>Loam, Silt loam, Silt</td>
<td>1.0 – 1.33</td>
<td>1.0 – 1.33</td>
</tr>
<tr>
<td>Fine soil</td>
<td>1.0 – 1.33</td>
<td>1.33</td>
</tr>
</tbody>
</table>

* Area 1 = AR, LA, MS, Bootheel of MO and TN.
** Area 2 = Eastern OK, Gulf Coast, Rio Grande Valley, and Eastern TX.
*** When using Cotoran 4L, use equivalent rates. Multiply lbs. of Cotoran DF by 1.7 to get pts. of Cotoran 4L.

**Post-emergence:** This tank-mixture may be applied post-emergence to Cotton, but pre-emergence to weeds or post-emergence to both Cotton and weeds for control of weeds on the Cotoran label. Apply as a directed, semi-directed, or over-the-top spray. This product will not control emerged weeds, but will provide pre-emergence control of species on its label. Apply when Cotton is in the 3 to 12-inch stage. Where rate ranges are given for Cotoran DF, use the higher rate when applying post-emergence to weeds that are 2 inches or less. These treatments may be applied over previous registered treatments, including this product, provided the maximum label rate of any product is not exceeded.
Use Precautions: (1) Do not apply this product + Cotoran on Sand or Loamy sand soils, or in areas where water is likely to “pond” over the bed, or crop injury may occur. (2) To avoid concentration in the seed furrow, do not make broadcast applications of this product + Cotoran to Cotton planted in furrows more than 2 inches deep. Band applications may be made to Cotton planted in furrows deeper than 2 inches, but band width should not exceed the width of the bottom of the furrow. (3) The use of Cotoran following the use of a systemic insecticide at planting may result in crop injury. (4) Do not use on Taloka silt loam, or crop injury may occur. (5) Do not use in Gaines County, TX.

Refer to the Cotoran labels for further instructions, use precautions, and limitations.

Note: To avoid possible illegal residues, do not feed treated forage or gin trash to livestock, or graze treated areas.

TANK-MIXTURE OF THIS PRODUCT OR THIS PRODUCT + COTORAN WITH GRAMOXONE EXTRA OR GLYPHOSATE FOR MINIMUM-TILLAGE OR NO-TILLAGE SYSTEMS

In Minimum-tillage or No-tillage systems where Cotton is planted directly into a cover crop, stale seedbed, or previous crop residues, the contact herbicides Gramoxone Extra or Glyphosate may be added to a tank-mix of either this product or this product + Cotoran. When used as directed, the Gramoxone Extra portion of the tank-mixture controls most emerged weeds and suppresses many Perennial weeds. Glyphosate combinations will control emerged Annual and Perennial weeds when applied as directed on the Glyphosate label. This product and this product + Cotoran portion of the tank-mixture provides pre-emergence control of the weeds listed on this label in the This Product Applied Alone and This Product + Cotoran sections, respectively. Refer to the label of each product used in combination and observe the planting details, information regarding application, geographical restrictions, and all other precautions and limitations. Refer to Mixing Instructions under the Tank-Mixture with Cotoran DF section.

Application: Apply before, during, or after planting, but before the Cotton emerges, at the rates specified below. Apply this product at 0.85 to 1 pt./Ac. on Sandy loams, Medium, and Fine-textured soils. Refer to Table 2 for the Cotoran DF rates.

Add Gramoxone Extra or Glyphosate at the following broadcast rates:

Gramoxone Extra: 1.5 to 2, 2 to 2.5, 2.5 to 3 pts./Ac. to 1 to 3, 3 to 6, or 6-inch tall weeds, respectively. Apply surfactant at 1 or 2 pts./100 gals. of spray mixture with 75% or greater or 50 to 74% nonionic active ingredient, respectively. This treatment will not control weeds taller than 6 inches.

Note: Do not apply combinations containing Gramoxone Extra in suspension-type liquid fertilizers, as the activity of parquat will be reduced.

Glyphosate: See the Glyphosate label for weeds controlled, specified rates, and other use directions.

Note: Do not apply this product + Cotoran 4L + Glyphosate in tank-mixture because of compatibility problems. Apply in 20 to 60 gals. of water or fluid fertilizer per acre with ground equipment.

Use Precautions: (1) If heavy rain occurs soon after application, crop injury may result, especially in poorly drained areas where water stands for several days, or where the seedling sit has not been properly closed. (2) Refer to the Cotoran labels and the Tank-Mixture with Cotoran DF section of this label for further instructions, use precautions, and limitations. (3) Do not use in Gaines County, TX.

TANK-MIXTURE WITH MSMA, MSMA + CAPAROL, OR MSMA + COTORAN

This product may be tank-mixed with MSMA in water and applied post-emergence-directed for control of emerged weeds listed on the MSMA product label and residual pre-emergence-control of weeds controlled by this product. The addition of Caparol or Cotoran will add control of weed species on their respective labels.

Post-emergence-Directed (AR, AZ, CA, LA, MS, NM, OK, TN, TX, and Bootheel of MO): Apply this product + MSMA post-emergence-directed to 3 to 12-inch Cotton according to the directions, limitations, and use precautions on the MSMA product label, as well as the directions, limitations, and use precautions for use of this product in the section for Cotton – This Product Alone – Post-emergence. Do not apply after first Cotton bloom. These treatments may be applied over previous registered treatments, including this product, provided the maximum label rate of any product is not exceeded. Cotoran or Caparol may be added to this product + MSMA-tank mixture according to the respective label directions for application to 3- to 12-inch Cotton. When these mixtures are used, follow the mixing instructions for this product + Caparol or Cotoran and then add the MSMA product.

Do not use this product in tank-mix with pre-mixes of MSMA plus herbicides other than those registered for use in tank-mixture with this product on Cotton.

PEANUTS — THIS PRODUCT ALONE

Apply this product, either pre-plant incorporated, post-plant incorporated, pre-emergence, or lay-by, using the appropriate rate specified below. Pre-plant Incorporated or Pre-emergence: Follow instructions for use of this product alone under Application Procedures. Post-plant Incorporated: Apply and shallowly incorporate this product into the soil after planting, but before Peanut germination. Incorporation depth and incorporating implements must be kept above the seed, or seed will be damaged. Lay-by: Apply this product to the soil immediately after the last normal cultivation. Apply this product alone pre-plant incorporated, post-plant incorporated, pre-emergence, or lay-by, at a broadcast rate of 1 to 1.33 pts./Ac. in the Southeast and 0.85 to 1.33 pts./Ac. in NM, OK, and TX.

* In the Southeast, use 1.33 to 2 pts./Ac. and apply pre-emergence for partial control of Florida beggarweed.

Note: (1) This product alone may be applied as directed after any of the following pre-plant incorporated herbicides when used according to their label: Balan at 3 to 4 pts./Ac.; Trifluralin at 1 pt./Ac.; Sonalan at 0.85 to 3 pts./Ac.; Pursuit at 0.25 pt./Ac.; or Prowl at 1 to 2 pts./Ac. (2) Do not graze or feed Peanut forage or fodder to livestock for 30 days following application, and (3) Do not apply within 90 days of harvest, or illegal residues may result.

PEANUTS — THIS PRODUCT IN COMBINATIONS

TANK-MIXTURE WITH BALAN L.C.

This product + Balan tank-mixture applied pre-plant incorporated controls those weeds listed under This Product Applied Alone and those weeds as listed on the Balan label. Apply 1 to 1.33 pts./Ac. of this product + 3 to 4 pts./Ac. of Balan in a minimum of 10 gals. of spray volume per acre for ground application or in a minimum of 5 gals. of spray volume per acre for aerial application. Follow the procedures for Balan on the Balan label for soil preparation and incorporation of this tank-mix. Apply and incorporate this product + Balan up to 14 days prior to planting.

Note: Follow all restrictions and use precautions on the Balan label.

MULTIPLE APPLICATIONS

Where weed pressure is heavy or where species difficult to control are expected, this product is most effective when used as follows:

1) Southeast Only (AL, FL, GA, NC, SC, VA)

1st Application: Apply this product pre-plant incorporated as directed under Peanuts – This Product Alone or apply this product + Balan pre-plant incorporated as directed previously in this section. Refer to the respective section for weeds controlled.

2nd Application: Apply this product any time from pre-emergence up to “ground cracking” at 1 to 2 pts./Ac. for extended control of weeds not yet emerged. Refer to the This Product Applied Alone section for a list of weeds controlled.

3rd Application: Apply this product at lay-by as directed under Peanuts – This Product Alone. Use only when late germinating weeds are expected to be a problem. Refer to the This Product Applied Alone section for a list of weeds controlled.

Note: (1) Do not apply more than the equivalent of 2.66 pts. of this product per acre during any one year, or illegal residues may result. (2) Do not graze or feed Peanut forage or fodder to livestock for 30 days following application, and (3) Do not apply within 90 days of harvest, or illegal residues may result.

2) Southwest Only (NM, OK, TX)

1st Application: Apply this product pre-plant incorporated or pre-emergence or at-cracking as directed previously in this section. Refer to the respective section for weeds controlled.

2nd Application: Apply this product at lay-by as directed under Peanuts – This Product Alone on this label. Use only when late germinating weeds are expected to be a problem. Refer to the This Product Applied Alone section for a list of weeds controlled.

Notes: (1) Do not apply more than the equivalent of 2.67 pts. of this product per acre during any one year, or illegal residues may result. (2) Do not graze or feed Peanut forage or fodder to livestock for 30 days following application, and (3) Do not apply within 90 days of harvest, or illegal residues may result.
TANK-MIXTURE OR SEQUENTIALLY WITH PURSUIT

The tank-mixture or sequential treatment of this product and Pursuit controls all weeds controlled by this product alone and by Pursuit alone. Refer to the **This Product Applied Alone** section for weeds controlled by this product and to the Pursuit label for weeds controlled by Pursuit.

Refer to the respective labels for application methods, timing, rates, restrictions, and use precautions; and use in accordance with the more restrictive label. Do not exceed the label rate of either product. This product will not control emerged weeds.

**TANK-MIXTURE WITH SONALAN**

The tank-mixture controls all weeds controlled by this product alone and by Sonalan alone. Refer to the **This Product Applied Alone** section for weeds controlled by this product and to the Sonalan label for weeds controlled by Sonalan. Apply this product + Sonalan pre-plant incorporated, using the appropriate rate from Table 3. Follow recommended soil preparation procedures for Sonalan. Refer to the Peanut Sonalan/This Product Tank-Mixtiture label for incorporation specifications.

### Table 3: This Product + Sonalan — Peanuts

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
<th>NM, OK, TX</th>
<th>Southeast</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>This Product</strong></td>
<td><strong>Sonalan</strong></td>
<td><strong>This Product</strong></td>
</tr>
<tr>
<td>Coarse</td>
<td>1.0 – 1.33</td>
<td>1.25 – 2.0</td>
<td>0.85 – 1.33</td>
</tr>
<tr>
<td>Medium</td>
<td>1.0 – 1.33</td>
<td>1.75 – 2.5</td>
<td>0.85 – 1.33</td>
</tr>
<tr>
<td>Fine</td>
<td>1.0 – 1.33</td>
<td>2.25 – 3.0</td>
<td>0.85 – 1.33</td>
</tr>
</tbody>
</table>

**Note:** Follow all use directions, limitations, use precautions, and information regarding application to Peanuts on this product and Sonalan labels.

**TANK-MIXTURE WITH PROWLR**

This product + Prowl applied pre-plant incorporated controls all weeds controlled by this product alone plus Field sandbur, Johnsonsgrass from seed, Lambsquarters, Kochia, Annual spurge, and other species on the Prowl label. Apply this product + Prowl by ground or by aerial equipment within 14 days before planting. Incorporate into the top 1 to 2 inches of soil before planting and within 7 days of application, using a finishing disk or similar implement capable of providing uniform incorporation. If Peanuts will be planted on beds, apply and incorporate after bed formation. Refer to the Incorporation instructions of the respective labels for additional directions.

Apply this product + Prowl pre-plant incorporated, using the appropriate rates from Table 4.

### Table 4: This Product + Prowl — Peanuts

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
<th>NM, OK, TX</th>
<th>Other Peanut Growing States</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>This Product + Prowl</strong></td>
<td><strong>This Product + Prowl</strong></td>
<td><strong>This Product + Prowl</strong></td>
</tr>
<tr>
<td>Sand, Loamy sand</td>
<td>0.85 + 1.0 – 1.5</td>
<td>1.0 – 1.33</td>
<td>1.5 – 2.0</td>
</tr>
<tr>
<td>Sandy loam</td>
<td>0.85 – 1.0 + 1.0 – 1.5</td>
<td>1.0 – 1.33</td>
<td>1.5 – 2.0</td>
</tr>
<tr>
<td>Fine soil</td>
<td>1.33 + 1.0 – 1.5</td>
<td>1.33 + 1.5 – 2.0</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Follow all use directions, limitations, use precautions, and information regarding application to Peanuts on this product and Prowl labels.

**TANK-MIXTURE OR SEQUENTIALLY WITH STARFIRE**

This product + Starfire applied at ground cracking or sequentially will control or suppress small (1 to 6 inch) emerged Annual grass and Broadleaf weeds and provide residual control of weed species listed in the **This Product Applied Alone** section of this label. Apply 1 fl. oz./Ac. of Starfire + Butoxone 200 in 20 gals./Ac., depending on weed species and stage of growth as specified on the Butoxone label, with the appropriate rate of this product from the **Peanuts – This Product Alone** section in a minimum spray volume of 20 gals./Ac. with ground equipment. A second application of this product + Starfire + Butoxone may be made 28 days after ground cracking. (Refer to the Peanuts – **This Product Combinations – Multiple Applications** section of this label for geographical areas where multiple applications are recommended). A second Starfire + Butoxone application may be made in all Peanut growing areas, if needed. Refer to the respective labels and follow all directions, limitations, and restrictions for each product.

**TANK-MIXTURE OR SEQUENTIALLY WITH BASAGRAN**

This product + Basagran applied at ground cracking or sequentially will control species on the Basagran label and provide residual control of species listed in the **This Product Applied Alone** section of this label. Apply 1 to 2 pts./Ac. of Basagran in 20 gals./Ac., depending on weed species and stage of growth as specified on the Basagran label, with the appropriate rate of this product from the **Peanuts – This Product Alone** section. A second application of the combination may be made 28 days after Basagran pegegging. (Refer to the Peanuts – **This Product Combinations – Multiple Applications** section of this label for geographical areas where multiple applications are recommended). A second Basagran application may be made in all Peanut growing areas, if needed. Refer to the respective labels and follow all directions, limitations, and restrictions for each product.

**TANK-MIXTURE OR SEQUENTIALLY WITH STORM**

This product + Storm applied at ground cracking through 2 expanded tetrazolate leaves or this product applied according to the directions for **Peanuts – This Product Alone** and followed with an at-cracking post-emergence treatment of Storm as specified on its label.
will control species on the Storm label and provide residual control of species listed in the This Product Applied Alone section of this label. This product will not control emerged weeds. Refer to the Peanuts – This Product Alone section and to the Storm label and follow all directions, limitations, and restrictions for each product.

**POD CROPS — THIS PRODUCT ALONE**

Pod crops, including Garbanzo, Great northern beans, Kidney beans, Lima beans, Mung beans, Navy beans, Peas (English*; Southern peas, such as Blackeye, Pinkeye, Crowder, etc.), Pinto beans, Snap beans (Green, Wax, String), Lentils, and Lupines (sweet, white, sweet, and grain).

Apply this product either pre-plant incorporated or pre-emergence, using the appropriate rate specified below.

Pre-plant Incorporated or Pre-emergence: Follow instructions for use of this product alone under Application Procedures. On Coarse soils with less than 3% organic matter, apply 1 to 1.33 pts./Ac. of this product or 1.33 pts./Ac. if organic matter is 3% or greater. On Medium soils, apply 1.33 to 1.67 pts./Ac. of this product. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product if organic matter content is less than 3%, or 1.67 to 2 pts./Ac. if organic matter content is 3% or greater.

* On English peas, use only pre-emergence applications. Do not use on English peas in Northeastern U.S., or injury may occur.

**Note:** To avoid possible illegal residues, (1) Do not cut for hay within 120 days following application of this product and (2) Do not apply more than 3 pts./Ac. of this product during any one crop year.

**POD CROPS — THIS PRODUCT IN COMBINATIONS**

**Note:** When applying this product in combination on pod crops, do not cut for hay within 120 days following application, or illegal residues may result.

**TANK-MIXTURE AND SEQUENTIAL APPLICATIONS WITH EPTC (EPTC 7EC) — BEANS (GREEN OR DRY)**

This mixture controls all weeds controlled by this product alone and by EPTC alone. Refer to the This Product Applied Alone section of this label for weeds controlled by this product alone and to the EPTC label for weeds controlled by EPTC.

Pre-plant Incorporated: Follow instructions for use of this product alone under Application Procedures.

Sequential: Apply EPTC alone pre-plant incorporated, as specified on that label. Follow with a pre-emergence application of this product at rates specified for this product alone, during planting (behind the planter) or after planting, but before the weeds or crop emerge. Refer to the Product Information section of this label and to the EPTC label for weather, cultural practices, and all other use precautions and limitations that affect performance of these products.

Apply 2.5 to 4.5 pts./Ac. of Eptek 7EC with this product as specified. On Coarse soils, apply 0.85 pts./Ac. of this product if organic matter content is less than 3%, or 1 pt./Ac. if organic matter content is 3% or greater. On Medium soils, apply 1 pt./Ac. of this product if organic matter content is less than 3%, or 1.33 pts./Ac. if organic matter content is 3% or greater. On Fine soils, apply 1.33 pts./Ac. of this product if organic matter content is less than 3%, or 1.33 to 1.67 pts./Ac. if organic matter content is 3% or greater.

* Refer to the Eptek 7EC label for rate limitations depending on geographical area, and for species and varietal restrictions.

Use Precaution: Do not exceed 3.5 pts./Ac. of Eptek 7EC on Small white beans or Green beans grown on Coarse-textured soils.

**TANK-MIXTURE WITH TRIFLURALIN — BEANS (DRY – KIDNEY, NAVY, PINTO, ETC., LIMA; AND SNAP)**

This product + Trifluralin tank-mix applied pre-plant incorporated controls those weeds listed under This Product Applied Alone and those weeds listed for Trifluralin alone on the Trifluralin label. This product + Trifluralin may be applied by ground or by aerial equipment and incorporated up to 14 days prior to planting. Follow the procedures on this label and on the respective Trifluralin label, using equipment that provides uniform 2-inch incorporation. Apply this product + Trifluralin tank-mix, using the appropriate rate of this product specified for this product alone, and the Trifluralin rate from the Dry Beans, and the Lima and Snap Beans section of the respective Trifluralin label. Choose the product rate for the specific soil texture/organic matter classification and weed species expected.

**Note:** Follow all restrictions and use precautions on the respective Trifluralin label and in the Pod Crops –This Product Alone section of this label.

**POD CROPS — THIS PRODUCT ALONE**

Apply this product, either incorporated, pre-emergence, or after hilling/lay-by, according to directions specified below for control of weeds listed under the Product Information section. Within a rate range, use the lower rate on soils relatively Coarse-textured or low in organic matter; use the higher rate on soils relatively Fine-textured or high in organic matter. Effectiveness will be reduced if later cultural practices expose untreated soil.

**Incorporated:** Apply this product at 1 to 2 pts./Ac. to the soil and incorporate the top 3 inches before planting, using a finishing disk, harrow, rolling cultivator, or similar implement. Planting and later cultural practices should not bring untreated soil to the surface. Post-plant incorporated application may be made any time after planting to dragoff, but before Potato emergence. Use an implement that evenly distributes this product in the top 2 inches of soil. Do not damage Potato seed pieces or sprouts with incorporation equipment.

**Pre-emergence:** Apply this product at 1 to 2 pts./Ac., either after planting as a pre-emergence, delayed pre-emergence, after drag-off or hilling treatment, but before weeds emerge. Up to 2.75 pts./Ac. of this product alone may be used where soil organic matter is between 6% and 20%.

**After Hilling/Lay-by:** Apply 1.67 pts./Ac. of this product after hilling/Act. lay-by to control species sensitive to this product for remainder of the growing season. This application will not control emerged weeds. It may be applied over a previous application of this product, but do not apply more than 3.7 pts./Ac. of this product in a single crop season.

**Use Precautions:** (1) Do not use on muck or peat soils. If cool, wet soil conditions occur after application, this product may delay maturity and reduce yield of Superior and other early maturing Potato varieties. To avoid crop injury, (2) Do not use on Sweet potatoes or Yams; (3) Do not apply both as a pre-emergence and an incorporated treatment; and (4) Do not use in Kern County, CA.

**Note:** Potatoes treated with this product should not be harvested within 60 days after the at-planting to drag-off application, or within 40 days after a lay-by application, or illegal residues may result.

**TANK-MIXTURE WITH SENCOR OR LEXONE**

In addition to those weeds controlled by this product alone, this product applied in tank-mix combination with, or sequentially with, any of the registered Sencor or Lexone formulations, also controls the following Broadleaf weeds: Cocklebur*, Hairy nightshade*, Hemp sesbania, Jimsonweed*, Lambsquarters, Prickly sida, Ragweed, Smartweed, Velvetleaf*, Venus mallow and Wild mustard.

* Partially controlled.

This product at 1 to 2 pts./Ac. plus the labeled Sencor/Lexone use rate may be used pre-emergence through after last hilling. Apply 1 to 1.33 pts./Ac. of this product on Coarse soils and 1.33 to 2 pts./Ac. on other soil textures. Within this rate range, use the lower rate on soils relatively Coarse-textured or low in organic matter; use the higher rate on soils relatively Fine-textured or high in organic matter. Effectiveness will be reduced if later cultural practices expose untreated soil. This product will not control emerged weeds.

Refer to the Sencor or Lexone labels for precautionary statements, restrictions, application information, and weeds controlled.

**Use Precautions:**

(1) Post-emergence applications to Potatoes should be made only as a directed or semi-directed spray to avoid chlorosis, minor necrosis, or leaf distortion. To avoid crop injury, (2) Do not use this product + Sencor or Lexone on Potatoes in Kern County, CA, and (3) Do not apply to Sweet potatoes or Yams. (4) Do not use this tank-mixure on muck or peat soils.

**Note:** (1) Potatoes treated with this product in tank-mixture with Senkor or Lexone cannot be harvested within 60 days after application, or illegal residues may result. (2) Potatoes may not be harvested within 40 days after a lay-by application of this product, or illegal residues may result.

**TANK MIXTURE + LINURON TANK MIXTURE (EAST OF ROCKY MOUNTAINS)**

This product may be applied in a tank-mix combination with any of the registered Linuron formulations as a pre-emergence broadcast application to Potatoes. Apply to the soil surface after planting and before emergence of the crop or after final drag-off, according to the rates specified in Table 5.
Table 5: This Product + Linuron — Potatoes (East of Rocky Mountains)

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre</th>
<th>1% to Less Than 3% Organic Matter</th>
<th>3-5% Organic Matter</th>
<th>Linuron*</th>
<th>This Product</th>
<th>Linuron*</th>
<th>This Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>COARSE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy loam</td>
<td>1 pt.</td>
<td></td>
<td>1 – 1.5 lbs.</td>
<td>1.33 pts.</td>
<td>1.33 pts.</td>
<td>1.5 – 2 lbs.</td>
<td></td>
</tr>
<tr>
<td>MEDIUM</td>
<td>1.33 pts.</td>
<td></td>
<td>1.5 – 2 lbs.</td>
<td>1.67-2 pts.</td>
<td>2 – 2.5 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* When using Linuron 4L or Linuron DF, use equivalent rates. One pint of Linuron 4L equals 1.0 lb. of Linuron DF.

Use Precautions: To avoid crop injury, (1) Do not use on Sands or Loamy sands, and (2) Do not incorporate or spray over the top of emerged Potatoes. Refer to the Product Information section of this label and to the Linuron label for precautionary statements, restrictions, application information, and weeds controlled.

TANK-MIXTURE WITH PROWL 4E

In addition to the weeds controlled by this product alone, this tank-mixture with Prowl 4E controls such problem species as Kochia, Lambsquarters, Purslane, Annual spurge, Stinging nettle, and others specified on the Prowl 4E Alone label. Apply this product + Prowl 4E pre-emergence, pre-emergence incorporated, or early post-emergence according to the specific directions on the Prowl 4E label, using the rates in Table 6.

Table 6: This Product + Prowl 4E — Potatoes

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Less Than 3% Organic Matter</td>
</tr>
<tr>
<td></td>
<td>This Product + Prowl 4E*</td>
</tr>
<tr>
<td>Coarse</td>
<td>1.0 – 1.33 + 1.0 – 1.5</td>
</tr>
<tr>
<td>Medium</td>
<td>1.33 – 1.5 to 2.0</td>
</tr>
<tr>
<td>Fine</td>
<td>1.33 – 1.67 + 2.0 – 3.0</td>
</tr>
</tbody>
</table>

* When using other formulations of Prowl, use equivalent rates of active ingredient

Refer to this product and Prowl 4E labels and observe all directions, limitations, use precautions, and restrictions concerning the use of these products on Potatoes and follow the most restrictive.

TANK-MIXTURE WITH PROWL 4E + EPTC (EPTEK 7EC)

In addition to the weeds controlled by this product alone, this tank-mixture will control those species on the Prowl 4E and EPTC labels. Refer to the “This Product + Prowl 4E labels” for rates of those products and add Eptek 7EC at 3.5 to 7 pts./Ac., depending on geographical area. Refer to the respective this product, Prowl 4E, and EPTC labels and observe all directions, limitations, use precautions, and restrictions concerning the use of these products on Potatoes and follow the most restrictive.

SAFFLOWERS — THIS PRODUCT ALONE

Pre-plant Incorporated or Pre-emergence: Follow instructions for use of this product alone under Application Procedures. On Coarse soils, apply 1 to 1.33 pts./Ac. of this product if organic matter content is less than 3%, or 1.33 pts./Ac. if organic matter is 3% or greater. On Medium soils, apply 1.33 to 1.67 pts./Ac. of this product. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product if organic matter content is less than 3%, or 1.67 to 2 pts./Ac. if organic matter content is 3% or greater.

Sorghum (Grain or Forage) Seed Treated with Concept or Screen — This Product Alone

Apply this product, either pre-plant surface, pre-plant incorporated, or pre-emergence, using the appropriate rate specified below. Apply this product alone only when the Sorghum seed has been properly treated by the seed company with Concept or Screen.

Pre-plant Surface Applied: Refer to instructions for this product under Application Procedures. For Minimum-tillage or No-tillage systems only, this product may be applied up to 45 days before planting in CO, IA, IL, KS, MO, NE, and SD. Use only split applications for treatments made 30 to 45 days before planting, with two-thirds of the broadcast rate applied initially and the remaining one-third at planting.

Apply 1.5 pts./Ac. of this product on Medium soils or 1.67 pts./Ac. on Fine soils. Treatments less than 30 days prior to planting may be either as split or single application. Apply 1.33 pts./Ac. of this product on Coarse soils not more than 2 weeks prior to planting. Under dry conditions, irrigation after application is recommended to move this product into the soil.

Pre-plant Incorporated or Pre-emergence: Refer to instructions for use of this product under Application Procedures. Broadcast 1 to 1.33 pts./Ac. of this product on Coarse soils, 1.33 to 1.5 pts./Ac. on Medium soils, or 1.33 to 1.67 pts./Ac. on Fine soils.

Use Precautions: (1) If Sorghum seed is not properly treated with Concept or Screen, this product will severely injure the crop. (2) Under high soil moisture conditions prior to Sorghum emergence, injury may occur following the use of this product. The crop will normally outgrow this effect. (3) Do not use this product on Sorghum grown under dry mulch tillage, or injury may occur. (4) Except for the split pre-plant surface treatment, do not make more than one application per year, or illegal residues may result.

SORGHUM (GRAIN OR FORAGE) SEED TREATED WITH CONCEPT OR SCREEN — THIS PRODUCT IN COMBINATIONS

This product tank-mixed with Atrazine may be applied in water or fluid fertilizer. Apply this product in tank-mixtures only when the Sorghum seed has been properly treated by the seed company with Concept or Screen.

IMPORTANT: FOR TANK-MIXTURES WITH ATRAZINE — If applying this product in tank-mixture with Atrazine, all the restrictions and rate limitations on the Atrazine label must be followed if more restrictive/protective than those on this label. In addition, if Atrazine is/must be applied at rates lower than those specified on this label, Broadleaf weed control may be affected. Refer to the Atrazine label for weeds controlled at the reduced rates.

Use Precautions: (1) Applications of this product + Atrazine on highly alkaline soils or on eroded areas where calcareous subsoils are exposed may cause Sorghum injury. (2) If Sorghum seed is not properly treated with Concept or Screen, this product + Atrazine may severely injure the crop. (3) Under high soil moisture conditions prior to Sorghum emergence, injury may occur following the use of this product + Atrazine. The crop will normally outgrow this effect. (4) Do not use this product + Atrazine on Sorghum grown under dry mulch tillage, or injury may occur. (5) Except for the split pre-plant surface treatment, do not make more than one application per year, or illegal residues may result.

TANK-MIXTURE WITH ATRAZINE

In addition to the weeds controlled by this product alone, this product + Atrazine also controls the following Broadleaf weeds when applied either pre-plant surface, pre-plant incorporated, or pre-emergence: Cocklebur, Common purslane, Hairy nightshade, Lambsquarters, Morningglory, Ragweed, Smartweed, and Velvetleaf.

Pre-plant Surface-Applied: Refer to instructions for use of this product under Application Procedures. For Minimum-tillage or No-tillage systems only, this product + Atrazine may be applied up to 45 days prior to planting in IA, IL, Eastern KS, MO, NE, and SD. Use only split applications for treatments made 30 to 45 days prior to planting, with two-thirds of the broadcast rate applied initially and the remaining one-third applied at planting. Apply 1.5 pts./Ac. of this product + 1.7 to 2 lbs./Ac. of Atrazine 90DF on Medium soils with 1.5% organic matter or greater. Apply 1.5 pts./Ac. of this product + 1.7 to 2 lbs./Ac. of Atrazine 90DF on Fine soils with 1.5% organic matter or greater. Treatments less than 30 days prior to planting may be made either as a split or single application. Under dry conditions, irrigation after application is recommended to move this product + Atrazine into the soil.

Use Precautions: To avoid crop injury, (1) Do not use on Coarse soils, and (2) Do not use on Medium soils with less than 1.5% organic matter.

Pre-plant Incorporated or Pre-emergence: Refer to instructions for use of this product under Application Procedures. On Medium soils with 1.5% organic matter or greater, apply 1 pt./Ac. of this product + 1.3 lbs./Ac. of Atrazine 90DF*. On Fine soils with less than 1.5% organic matter, apply 1 pt./Ac. of this product + 1.3 lbs./Ac. of Atrazine 90DF. On Fine soils with 1.5% organic matter or greater, apply 1.2 to 1.33 pts./Ac. of this product + 1.6 to 1.8 lbs./Ac. of Atrazine 90DF.
When using Atrazine 4L, use equivalent rates. One pound of Atrazine 90DF equals 1.8 pts. Atrazine 4L.

**Use Precautions:**
1. To avoid crop injury, (1) Do not use on Coarse soils; (2) Do not use on Medium soils with less than 1.5% organic matter; (3) Do not use in NM, OK, or TX, except in Northeast OK and the TX Gulf Coast and the Blacklands areas; and (4) Do not apply pre-plant incorporated in AZ or the Imperial Valley of CA.

**TANK-MIXTURE OF THIS PRODUCT OR THIS PRODUCT + ATRAZINE WITH GRAMOXONE EXTRA, LANDMASTER BW, OR GLYPHOSATE FOR MINIMUM-TILLAGE OR NO-TILLAGE SYSTEMS**

In Minimum-tillage or No-tillage systems where Sorghum (seed treated with Concep or Screen) is planted directly into a cover crop, stale seeded, established sod, or previous crop residues, the contact herbicides Gramoxone Extra, Landmaster BW, or Glyphosate may be tank-mixed with this product or this product + Atrazine. In Minimum-Tillage and No-Tillage systems, mix with Gramoxone Extra for control of most emerged Annual weeds and suppression of Perennial weeds; or with Landmaster BW for suppression of emerged field bindweed and control or suppression of Annual weeds; or with Glyphosate for control of most emerged Annual and Perennial weeds. This product or this product plus Atrazine portion of the tank-mixture provides pre-emergence control of the weeds listed on this label under the respective sections. Refer to the label of each product used in combination and observe the planting details, restrictions, and all other use precautions and limitations.

**Application:** Apply before, during or after planting, but before Sorghum emerges, at the appropriate rates listed under Sorghum (Grain or Forage) – This Product Alone or – This Product in Combinations – Tank-Mixture with Atrazine, respectively. Add Gramoxone Extra, Landmaster BW, or Glyphosate at the following broadcast rates:

- **Gramoxone Extra:** 1.5 to 2, 2 to 2.5, or 2.5 to 3 pts./Ac. to 1 to 3, 3 to 6, or 6-inch tall weeds, respectively. Apply surfactant at 1 or 2 pts./100 gals. of spray mixture with 75% or greater or 50 to 74% nonionic active ingredient, respectively. This treatment will not control weeds taller than 6 inches.
- **Landmaster BW:** 27 to 54 ozs./Ac. depending on weed species and size. See the Landmaster BW label for weeds controlled, specified rates for specific weeds, and other information concerning use.
- **Glyphosate:** See the Glyphosate or Roundup RT label for weeds controlled, specified rates, and other use directions.

Apply in a minimum of 20 gals. of water per acre with conventional spray equipment.

**SOYBEANS — THIS PRODUCT ALONE**

Apply this product, either pre-plant surface-applied, pre-plant incorporated, or pre-emergence, using the appropriate rates specified below.

**Pre-plant Surface-Applied, Pre-plant Incorporated, or Pre-emergence:** Follow instructions for use of this product alone under Application Procedures.

**Table 7: This Product + Sencor or Lexone — Soybeans**

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>0.5 to Less Than 3% Organic Matter</th>
<th>3% Organic Matter or Greater</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This Product + Sencor/Lexone DF</strong></td>
<td><strong>This Product + Sencor/Lexone DF</strong></td>
<td></td>
</tr>
<tr>
<td>COARSE Loamy sand (over 2% organic matter), Sandy loam</td>
<td>0.85 – 1.0 pt. + 0.33 lb.</td>
<td>1.0 pt. + 0.5 lb.</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>1.0 – 1.33 pts. + 0.5 lb.</td>
<td>1.33 pts. + 0.67 lb.***</td>
</tr>
<tr>
<td>FINE</td>
<td>1.33 pts. + 0.67 lb.</td>
<td>1.33 – 1.67 pts. + 0.67 lb.</td>
</tr>
<tr>
<td>Mississippi Delta Only Silty clay, Clay</td>
<td>1.33 pts. + 1.0 lb.</td>
<td>1.33 – 1.67 pts. + 1.0 lb.</td>
</tr>
<tr>
<td>Muck or Peat (soils with more than 20% organic matter)</td>
<td>DO NOT USE</td>
<td></td>
</tr>
</tbody>
</table>

**Pre-plant Incorporated or Pre-emergence:** On Coarse soils, apply 1 to 1.33 pts./Ac. of this product if organic matter content is less than 3%, or 1.33 pts./Ac. if organic matter content is 3% or greater. On Medium soils, apply 1.33 to 1.67 pts./Ac. of this product. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product if organic matter content is less than 3%, or 1.67 to 2 pts./Ac. if organic matter content is 3% or greater.

**Note:** On Soybeans, this product may be used up to 2.75 pts./Ac. as a pre-plant surface-applied, pre-plant incorporated, or pre-emergence treatment on soils having an organic matter content between 6% and 20%. The total rate of this product applied to Soybeans during any one crop year must not exceed 2.75 pts./Ac.

**TANK-MIXTURE WITH SENCOR OR LEXONE**

In addition to those weeds controlled by this product alone, this product + Sencor or Lexone, when applied as directed, also controls the following Broadleaf weeds: Cocklebur*, Hairy nightshade, Hemp sesbania, Jimson weed*, Lambsquarters, Flicky sida, Ragweed, Smartweed, Velvetleaf, Venice mallow and Wild mustard.

* Partially controlled.

Apply this product and Sencor or Lexone pre-plant incorporated or pre-emergence, using the appropriate rates from Table 7.

**Sequential:** Apply this product alone Pre-plant Incorporated, as specified in Table 7 for this tank-mixture. Follow with a pre-emergence application of Sencor or Lexone during planting (behind the planter) or after planting, but before weeds or Soybeans emerge. Refer to the Sencor or Lexone labels for planting details and Soybean variety restrictions.

**Use Precautions:**
1. Do not use the tank-mix or sequential application on soil with less than 0.5% organic matter or on alkaline soil with a pH over 7.4, or crop injury may occur.
2. If heavy rain occurs soon after application, crop injury may result, especially in poorly drained areas where water stands for several days.

**TANK-MIXTURE WITH LINURON**

In addition to those weeds controlled by this product alone, this product + Linuron, applied pre-emergence, also controls the following Broadleaf weeds...
weeds: Cocklebur*, Jimsonweed*, Lambquarters, Morningglory*,
Prickly sida, Ragweed, Smartweed, Velveteen*, Venice mallow and
Wild mustard.
* Partially controlled.

Pre-emergence: Apply during planting (behind planter) or after plant-
ing, but before weeds or Soybeans emerge. Refer to the Linuron label
for planting details. Apply the appropriate rates from Table 8.

Use Precaution: Do not use on soil with less than 0.5% organic mat-
ter, or crop injury may occur.

Table 8: This Product + Linuron — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture*</th>
<th>Broadcast Rates Per Acre</th>
<th>0.5 to Less Than 3% Organic Matter</th>
<th>3% Organic Matter or Greater</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product + Linuron DF***</td>
<td>This Product + Linuron DF***</td>
<td></td>
</tr>
<tr>
<td>COARSE**</td>
<td>0.85 pt. + 1.0 lb.</td>
<td>1.0 pt. + 1.0 – 1.5 lbs.</td>
<td></td>
</tr>
<tr>
<td>MEDIUM</td>
<td>1.0 pt. + 1.0 – 1.5 lbs.</td>
<td>1.33 pts. + 1.5 – 2.0 lbs.</td>
<td></td>
</tr>
<tr>
<td>FINE</td>
<td>1.33 pts. + 2.0 lbs.</td>
<td>1.33 – 1.67 pts. + 2.5 – 3.0 lbs.</td>
<td></td>
</tr>
</tbody>
</table>

Muck or Peat
(solls with more than 20% organic matter)

DO NOT USE

* Do not use on sand, gravelly soils, or exposed subsoils.

** Do not use on loamy sand, except in the Northeastern U.S. on
loamy sand with over 1% organic matter.

*** When using Linuron 4L or Linuron DF, use equivalent rates. One
pint of Linuron 4L equals 1.0 lb. of Linuron DF.

TANK-MIXTURE WITH TRIFLURALIN

This product + Trifluralin tank-mix applied pre-plant incorporated con-
trols those weeds listed under the This Product Applied Alone sec-
tion and those weeds listed for Trifluralin Alone on the respective
Trifluralin label. This product + Trifluralin may be applied by ground or
by aerial equipment and incorporated up to 14 days before planting.
Follow the procedures on the Trifluralin and this product labels, using
equipment that provides uniform 2-inch incorporation. Apply this prod-
cut + Trifluralin tank-mix, using the appropriate rate from the Soybeans
— This Product Alone section of this label and the Trifluralin Alone sec-
tion of the Trifluralin label for the specified soil texture/organic matter
classification and weed species expected. To control DNA-resistant
Goosegrass* and other species on the respective labels where the soil
organic matter is 3% or less, apply the rate in Table 9.

Table 9: This Product + Trifluralin — Organic Matter Content

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
</tr>
<tr>
<td></td>
<td>Organic Matter Less than 3%</td>
</tr>
<tr>
<td></td>
<td>Less than 2%</td>
</tr>
<tr>
<td>Coarse*</td>
<td>0.85 – 1.0</td>
</tr>
<tr>
<td>Medium</td>
<td>1.0</td>
</tr>
<tr>
<td>Fine</td>
<td>1.33</td>
</tr>
</tbody>
</table>

* Where a range of rates is given for this product use the minimum
rate where DNA-resistant Goosegrass is the predominant species.
** When Trifluralin MTF or Trifluralin 5G is used, use comparable rates.
Multiply pints of Trifluralin E.C. by 1 for Trifluran MTF and by 0.8 for
Trifluran 5G.

Note: Follow all restrictions and use precautions on the respective Treffan
label and in the Soybeans — This Product Alone section of this label.

TANK-MIXTURE WITH SCEPTER

This tank-mixture controls all weeds controlled by this product alone
and by Scepter alone. Refer to the This Product Applied Alone sec-
tion for weeds controlled by this product and to the Scepter label for
weeds controlled by Scepter. Refer to the Scepter label for geom-
graphical locations where this tank-mixture may be applied. Apply this prod-
cut + Scepter pre-plant incorporated or pre-emergence, using rates in
Table 10. Follow use directions under Application Instructions
on the Scepter label. For pre-plant incorporated applications, apply and
incorporate within 30 days before planting. Observe all other use pre-
cautions and limitations on the Scepter labels.

Table 10: This Product + Scepter — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
</tr>
<tr>
<td></td>
<td>0.5 to 3% Organic Matter</td>
</tr>
<tr>
<td></td>
<td>This Product</td>
</tr>
<tr>
<td></td>
<td>Less Than 3%</td>
</tr>
<tr>
<td>Coarse</td>
<td>0.85</td>
</tr>
<tr>
<td>Medium</td>
<td>1.0</td>
</tr>
<tr>
<td>Fine</td>
<td>1.33</td>
</tr>
</tbody>
</table>

Muck or Peat
(solls with more than 20% organic matter)

DO NOT USE

* Use the higher rate of this product if heavy weed infestations are
expected.

Note: (1) Do not apply within 90 days of harvest, and (2) Do not graze
or feed treated Soybean forage, hay, or straw to livestock, or illegal
residues may result.

TANK-MIXTURE WITH LOROX PLUS

This tank-mixture controls all weeds controlled by this product alone
and by Lorox Plus alone. Refer to the This Product Applied Alone
section for weeds controlled by this product and to the Lorox Plus label
for weeds controlled by Lorox Plus. Apply this product + Lorox Plus
pre-emergence after planting, but before Soybeans emerge, using
rates in Table 11.

Note: Follow all use directions, limitations, use precautions and infor-
mation regarding application to Soybeans, and rotational restrictions
on this product and Lorox Plus labels.

Table 11: This Product + Lorox Plus — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
</tr>
<tr>
<td></td>
<td>0.5 to 3% Organic Matter</td>
</tr>
<tr>
<td>Coarse</td>
<td>0.85 pt.</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>1.0 pt.</td>
</tr>
<tr>
<td>FINE</td>
<td>1.33 pts.</td>
</tr>
</tbody>
</table>

Use Precaution: Do not apply to Sand, or to any soil with less than
0.5% organic matter, or to any soil with pH greater than 6.8.

TANK-MIXTURE WITH GEMINI

This tank-mixture controls all weeds controlled by this product alone
and by Gemini alone. Refer to the This Product Applied Alone
section for weeds controlled by this product and to the Gemini label for
weeds controlled by Gemini. Apply this product + Gemini pre-emergence after
planting, but before Soybeans emerge, using rates in Table 12.

Note: Follow all use directions, limitations, use precautions and infor-
mation regarding application to Soybeans, and rotational restrictions
on this product and Gemini labels.

Table 12: This Product + Gemini — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
</tr>
<tr>
<td></td>
<td>0.5 to 3% Organic Matter</td>
</tr>
<tr>
<td>Coarse</td>
<td>0.85 pt.</td>
</tr>
<tr>
<td>MEDIUM</td>
<td>1.0 pt.</td>
</tr>
<tr>
<td>FINE</td>
<td>1.33 pts.</td>
</tr>
</tbody>
</table>

Use Precaution: Do not apply to Sand or Loamy sand, or to any soil
with less than 0.5% organic matter, or to any soil with pH greater than
7, except as noted on the Gemini label.

TANK-MIXTURE WITH CANOPY

This tank-mixture controls all weeds controlled by this product alone
and by Canopy alone. Refer to the This Product Applied Alone
section for weeds controlled by this product and to the Canopy label for
weeds controlled by Canopy. Apply pre-plant incorporated or pre-emergence, using the appropriate
rates from Table 13.

Pre-plant Incorporated: Apply within 2 weeks of planting. Uniformly
incorporate into the top 1 to 2 inches of soil before planting Soybeans.
Pre-emergence: Apply after planting, but before Soybeans emerge.
Note: Follow all use directions, varietal restrictions, limitations, use precautions and information regarding application to Soybeans, and rotational restrictions on this product and Canopy labels.

Table 13: This Product + Canopy — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre</th>
<th>3% or More Organic Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
<td>Canopy</td>
</tr>
<tr>
<td>Coarse</td>
<td>0.85 – 1.0 pt.</td>
<td>1.0 pt.</td>
</tr>
<tr>
<td>Medium</td>
<td>1.0 pt.</td>
<td>1.33 pts.</td>
</tr>
<tr>
<td>Fine</td>
<td>1.33 pts.</td>
<td>1.33 – 1.67 pts.</td>
</tr>
</tbody>
</table>

* Refer to the Canopy label for appropriate rate according to geographical location, soil and organic matter classification, and pH limitations.

Use Precaution: Do not apply to Sand, or to any soil with less than 0.5% organic matter, or to any soil with pH greater than 7, except as noted on the Canopy label.

TANK-MIXTURE WITH PREVIEW

This tank-mixture controls all weeds controlled by this product alone and by Preview alone. Refer to the This Product Applied Alone section for weeds controlled by this product and to the Preview label for weeds controlled by Preview. Apply pre-plant incorporated or pre-emergence using the appropriate rates from Table 14.

Pre-plant Incorporated: Apply within 2 weeks of planting. Uniformly incorporate into the top 1 to 2 inches of soil before planting Soybeans.

Pre-emergence: Apply after planting, but before Soybeans emerge.

Note: Follow all use directions, varietal restrictions, limitations, use precautions and information regarding application to Soybeans, and rotational restrictions on this product and Preview labels.

Table 14: This Product + Preview — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre</th>
<th>3 – 5% Organic Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
<td>Preview 75DF</td>
</tr>
<tr>
<td>Coarse</td>
<td>0.85 pt.</td>
<td>6.0 ozs.</td>
</tr>
<tr>
<td>Medium</td>
<td>1.0 pt.</td>
<td>7.0 ozs</td>
</tr>
<tr>
<td>Fine</td>
<td>1.33 pts.</td>
<td>8.0 ozs.</td>
</tr>
</tbody>
</table>

Use Precaution: Do not apply to Sand, or to any soil with less than 0.5% organic matter, or to any soil with pH greater than 6.8.

TANK-MIXTURE WITH COMMAND*

This tank-mixture controls all weeds controlled by this product alone and by Command alone. Refer to the This Product Applied Alone section for weeds controlled by this product and to the Command label for weeds controlled by Command. Apply this product + Command pre-plant incorporated, using rates in Table 15. Follow all Command application instructions as to incorporation interval, geographical location, equipment operation, soil moisture conditions, etc.

* Note: Before making applications, read and strictly follow all use directions, limitations, use precautions and information regarding application to Soybeans, and rotational restrictions on this product and Command labels.

Table 15: This Product + Command — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
</tr>
<tr>
<td></td>
<td>0.5 – 3% Organic Matter</td>
</tr>
<tr>
<td></td>
<td>Northern Area</td>
</tr>
<tr>
<td>Coarse</td>
<td>0.85</td>
</tr>
<tr>
<td>Medium</td>
<td>1.0</td>
</tr>
<tr>
<td>Fine</td>
<td>1.33</td>
</tr>
</tbody>
</table>

TANK-MIXTURE WITH SONALAN

This tank-mixture controls all weeds controlled by this product alone and by Sonalan alone. Refer to the This Product Applied Alone section for weeds controlled by this product and to the Sonalan label for weeds controlled by Sonalan. Apply this product and Sonalan pre-plant incorporated, using the appropriate rates from Table 16.

Pre-plant Incorporated: Follow soil preparation procedures for Sonalan. Refer to the Sonalan/This Product Tank-Mixture label for incorporation specifications.

Sequential: Apply Sonalan alone pre-plant incorporated as specified on the Sonalan label. Follow with a pre-emergence application of this product during planting (behind the planter) or after planting, but before weeds or Soybeans emerge.

Table 16: This Product + Sonalan — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture*</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
<th>Less Than 3% Organic Matter</th>
<th>3% or More Organic Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
<td>Sonalan</td>
<td>This Product</td>
</tr>
<tr>
<td>Coarse</td>
<td>1.0 – 1.33</td>
<td>1.25 – 2.0</td>
<td>1.33</td>
</tr>
<tr>
<td>MEDIUM*</td>
<td>1.33 – 1.67</td>
<td>1.75 – 2.5</td>
<td>1.33 – 1.67</td>
</tr>
<tr>
<td>FINE*</td>
<td>1.33 – 1.67</td>
<td>2.25 – 3.0</td>
<td>1.67</td>
</tr>
</tbody>
</table>

* Refer to the Sonalan/Tank-Mixture label for incorporation specifications.

Note: Follow all use directions, limitations, use precautions and information regarding application to Soybeans on this product and Sonalan labels.

TANK-MIXTURE WITH PURSUIT

This tank-mixture controls all weeds controlled by this product alone and by Pursuit alone. Refer to the This Product Applied Alone section for seeds controlled by this product and to the Pursuit label for weeds controlled by Pursuit. Refer to the Pursuit label for geographical locations where this tank-mixture may be applied. Apply this product + Pursuit early pre-plant, pre-plant incorporated, or pre-emergence after planting, using rates in Table 17. Application can be made in water or liquid fertilizer. Follow all use directions under Soil Applications on the Pursuit label. For early pre-plant and pre-plant incorporated applications, apply within 30 days before planting.

Note: Follow all use directions, limitations, use precautions and information regarding application to Soybeans, and rotational restrictions on this product and Pursuit labels.

Table 17: This Product + Pursuit — Soybeans

<table>
<thead>
<tr>
<th>Soil Texture</th>
<th>Broadcast Rates Per Acre (Pts.)</th>
<th>Less Than 3% Organic Matter</th>
<th>3% or More Organic Matter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>This Product</td>
<td>Pursuit</td>
<td>This Product</td>
</tr>
<tr>
<td>Coarse</td>
<td>0.85</td>
<td>1.0</td>
<td>0.25</td>
</tr>
<tr>
<td>Medium</td>
<td>1.0</td>
<td>1.33</td>
<td>0.25</td>
</tr>
<tr>
<td>Fine</td>
<td>1.33</td>
<td>1.33 – 1.67</td>
<td>0.25</td>
</tr>
</tbody>
</table>

Sequential: Apply this product early pre-plant, pre-plant incorporated, or pre-emergence after planting at 0.85 pt./Ac. on Coarse soils and 1 pt./Ac. on Medium and Fine-textured soils. Follow with a sequential post-emergence application of Pursuit to control emerged weeds according to the Pursuit label. This product will improve the consistency and level of control from Pursuit on most grass species. Refer to the Pursuit post-emergence label for a listing of weeds controlled, application rate, and growth stage limitations.

TANK-MIXTURE WITH LEXONE, SENCOR, SCEPTER, LINURON, LOROX PLUS, GEMINI, CANOPY, PREVIEW, OR PURSUIT, PLUS GRAMOXONE EXTRA OR Glyphosate FOR MINIMUM-TILLAGE OR NO-TILLAGE SYSTEMS

In minimum-tillage or no-tillage systems where Soybeans are planted directly into a cover crop, stale seeded, established sod, or previous crop residues, the contact herbicides Gramoxone Extra or Glyphosate may be added to a tank-mix of either this product + Sencor or Lexone, this product + Scepter, this product + Linuron, this product + Lorox Plus, this product + Gemini, this product + Canopy, this product + Pre-
view or this product + Pursuit. When used as directed, the Gramoxone Extra portion of the tank-mixture controls most emerged weeds and suppresses many Perennial weeds. Glyphosate combinations will control emerged Annual and Perennial weeds when applied as directed on the Glyphosate label. This product + Sencor/ Lexone, Scepter, Linuron, Lorox Plus, Gemini, Canopy, Preview, or Pursuit portion of the tank-mixture provides pre-emergence control of the weeds listed on this label in the tank-mixture section for this product + Sencor/ Lexone, this product + Scepter, this product + Linuron, this product + Lorox Plus, this product + Gemini, this product + Canopy, this product + Preview, and this product + Pursuit, respectively. Refer to the label of each product used in combination and observe the planting details, Soybean variety restrictions, information regarding application to Soybeans, geographical restrictions, and all other use precautions and limitations.

Refer below for rates of Gramoxone Extra or Glyphosate, this product + Sencor/Lexone, this product + Scepter, this product + Linuron, this product + Lorox Plus, this product + Gemini, this product + Canopy, this product + Preview, and this product + Pursuit, respectively. Refer to the label of each product used in combination and observe the planting details, Soybean variety restrictions, information regarding application to Soybeans, geographical restrictions, and all other use precautions and limitations.

**Application:** Apply before, during, or after planting, but before the Soybeans emerge, at the rates specified below. Add Gramoxone Extra or Glyphosate at the following broadcast rates:

**Gramoxone Extra:**
- 1.5 to 2, 2 to 1.67, or 1.67 to 3 pts./Ac. to 1 to 3, 3 to 6, or 6-inch tall weeds, respectively. Apply surfactant at 1 or 2 pts./100 gals. of spray mixture with 75% or greater or 50 to 74% nonionic active ingredient, respectively. This treatment will not control weeds taller than 6 inches.

**Glyphosate:**
- See the Glyphosate or Roundup RT label for weeds controlled, specified rates, and other use directions.

Apply in 20 to 60 gals. of water or fluid fertilizer per acre with ground equipment.

**This Product + Lexone/Sencor + Gramoxone Extra or Glyphosate**

On Loamy sand with over 2% organic matter, apply 1 pt./Ac. of this product + 0.33 to 0.5 lb./Ac. of Sencor or Lexone DF. On Medium soils, apply 1.33 pts./Ac. of this product + 0.5 to 0.67 lb./Ac. of Sencor or Lexone DF.

On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product + 0.67 lb./Ac. of Sencor or Lexone DF.

*When using Sencor 4 or Lexone 4L, multiply lbs. of DF by 1.5 to get pts./Ac.*

**Use Precautions:** To avoid crop injury, (1) Do not use this tank-mixture on soil with less than 0.5% organic matter, on alkaline soil with a pH over 7.4, or on all Sand and on Loamy sand with less than 2% organic matter. (2) If heavy rain occurs soon after application, crop injury may result, especially in poorly drained areas where water stands for several days, or where the seeding slit has not been properly closed.

**This Product + Scepter + Gramoxone Extra or Glyphosate**

On Coarse soils, apply 1 pt./Ac. of this product + 0.67 pt./Ac. of Scepter. On Medium soils, apply 1.33 pts./Ac. of this product + 0.67 pt./Ac. of Scepter. On Fine soils, apply 1.67 pts./Ac. of this product + 0.67 pt./Ac. of Scepter.

**Note:** (1) Do not apply within 90 days of harvest, and (2) Do not graze or feed treated Soybean forage, hay, or straw to livestock, or illegal residues may result.

**This Product + Linuron + Gramoxone Extra or Glyphosate**

On Coarse soils*, apply 1 pt./Ac. of this product + 1 to 1.5 lbs./Ac. of Lorox DF**. On Medium soils, apply 1.33 pts./Ac. of this product + 1 to 2 lbs./Ac. of Linuron DF. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product + 2 to 3 lbs./Ac. of Linuron DF.

* Do not use on Loamy sand, except in the Northeastern U. S. on Loamy sand with over 1% organic matter, or injury may occur. Do not use on Sand, gravelly soils, or exposed subsoils, or injury may occur.

**When using Linuron 4L or Linuron DF, use equivalent rates. One pint of Linuron 4L equals 1.0 lb. of Linuron DF.

**Use Precaution:** Do not apply on soil with less than 0.5% organic matter, or crop injury may occur.

**This Product + Lorox Plus + Gramoxone Extra or Glyphosate**

Use only where soils have 0.5 to 3% organic matter. On Coarse soils, apply 1 pt./Ac. of this product + 12 to 14 ozs./Ac. of Lorox Plus 60DF. On Medium soils, apply 1.33 pts./Ac. of this product + 14 to 16 ozs./Ac. of Lorox Plus. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product + 16 to 18 ozs./Ac. of Lorox Plus.

**Use Precaution:** Do not apply to Sand or to any soil with pH greater than 6.8.

**This Product + Gemini + Gramoxone Extra or Glyphosate**

Use only where soils have 0.5 to 3% organic matter. On Coarse soils, (Sand loam only) apply 1 pt./Ac. of this product + 12 to 16 ozs./Ac. of Gemini 60DF. On Medium soils, apply 1.33 pts./Ac. of this product + 16 to 20 ozs./Ac. of Gemini. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product + 20 to 24 ozs./Ac. of Gemini.

**Use Precaution:** Do not apply to Sand or Loamy sand, or to any soil with less than 0.5% organic matter, or to any soil with pH greater than 7, except as noted on the Gemini label.

**This Product + Canopy + Gramoxone Extra or Glyphosate**

Use only where soils have 0.5 to 5% organic matter. On Coarse soils, (except Sand) apply 1 pt./Ac. of this product. On Medium soils, apply 1.33 pts./Ac. of this product. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product. Refer to the Canopy label for appropriate rate according to geographical location, soil and organic matter classification, pH limitations, and all other use directions.

**Use Precaution:** Do not apply to Sand, or to any soil with less than 0.5% organic matter, or to any soil with pH greater than 7, except as noted on the Canopy label.

**This Product + Preview + Gramoxone Extra or Glyphosate**

Use only where soils have 0.5 to 5% organic matter. On Coarse soils, (except Sand) apply 1 pt./Ac. of this product + 6* to 7 ozs./Ac. of Preview 75DF. On Medium soils, apply 1.33 pts./Ac. of this product + 7 to 8 ozs./Ac. of Preview. On Fine soils, apply 1.33 to 1.67 pts./Ac. of this product + 8* to 9 to 10 ozs./Ac. of Preview.

* Use this rate where the soil organic matter is in the one-half to less than 3% range.

**Use Precaution:** Do not apply to Sand, or to any soil with less than 0.5% organic matter, or to any soil with pH greater than 6.8.

**This Product + Pursuit + Gramoxone Extra or Glyphosate**

On Coarse soils, apply 1 pt./Ac. of this product + 0.25 pt./Ac. of Pursuit. On Medium soils, apply 1.33 pts./Ac. of this product + 0.25 pt./Ac. of Pursuit. On Fine soils, apply 1.67 pts./Ac. of this product + 0.25 pt./Ac. of Pursuit.

**TOMATOES**

**Seeded Tomatoes**

This product may be applied post-directed to direct seeded Tomatoes. Plants must be at least 4 inches tall at the time of application and the product must be applied in a minimum of 20 gallons of water per acre. Minimize spray contact with plants. This product will not control emerged weeds.

**Transplanted Tomatoes Only**

This product may be applied pre-plant incorporated or pre-plant before transplanting. If the latter method is used, keep soil disturbance to a minimum during transplanting. Application may also be made post-directed to transplants after the first settling rain or irrigation. When an application is made post-directed, apply in a minimum of 20 gallons of water per acre and minimum contact with Tomato plants. This product will not control emerged weeds. In bedded transplanted Tomatoes, apply this product pre-plant nonincorporated to the top of the pressed bed, as the last step, prior to laying plastic. This product may also be used to treat row-middles in bedded Tomatoes, as long as the total amount of this product does not exceed the maximum allowed per crop.

**Use Rate**

<table>
<thead>
<tr>
<th>Type of Soil</th>
<th>Organic Matter Content (%)</th>
<th>This Product per Acre (Pts.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coarse</td>
<td>&lt; 3</td>
<td>1.0 – 1.33</td>
</tr>
<tr>
<td></td>
<td>&gt; 3</td>
<td>1.33</td>
</tr>
<tr>
<td>Medium, Fine</td>
<td>–</td>
<td>1.33 to 1.67</td>
</tr>
<tr>
<td>Fine</td>
<td>&lt; 3</td>
<td>1.33 to 1.67</td>
</tr>
<tr>
<td></td>
<td>&gt; 3</td>
<td>&gt; 1.67 to 2.0</td>
</tr>
</tbody>
</table>

*When using Linuron 4L or Linuron DF, use equivalent rates. One pint of Linuron 4L equals 1.0 lb. of Linuron DF.

**Use Precaution:** Do not apply on soil with less than 0.5% organic matter, or crop injury may occur.
Use Precautions

- Do not apply to varieties or cultivars with unknown tolerance to this product.
- This product may damage transplants that have been weakened by any cause. To prevent damage, plant only healthy transplants. Do not plant when wet, cool, or unfavorable growing conditions exist.
- In transplanted Tomatoes, if this product is applied pre-plant incorporated, incorporate to a depth less than the depth of transplanting, and use the lower end of the rate range for the given soil type, or damage may occur.
- For row middle applications where plants are grown on Sandy soils and where high soil moisture conditions can exist (i.e. low binding and high evaporation conditions) as may be found in the states of Florida, Georgia, Maryland, and Virginia, there is potential for crop injury in the form of leaf epinasty. This risk of this type of injury can be reduced by: a) incorporating this product immediately following application (Tomato only), b) applying this product seven or more days before transplanting (but only after the beds have been formed), c) minimizing the application of this product onto the plastic of the bed, or d) any combination of the above.

Use Restrictions: To avoid possible illegal residues: 1) Do not apply this product within 90 days of Tomato harvest. 2) Do not exceed the maximum label rate for the soil texture per year. 3) Apply by ground application only. 4) Do not apply more than 1 post-emergence application per year.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container closed to prevent spills and contamination. Store in original container.

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

CONTAINER DISPOSAL:

Nonrefillable Container (rigid material; less than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triplet 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 one-fourth full with water and recap. Shake for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Nonrefillable Container (rigid material; 5 gallons up to < 250 gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triplet rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill container one-fourth 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 rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Repeat this procedure two more times. Dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Container (≥ 250 gallons & Bulk): 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% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinseate into application equipment or rinseate collection system. Repeat this rinsing procedure two more times. Dispose of empty container in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

CONDITIONS OF SALE AND WARRANTY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

OUR DIRECTIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, the Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.
APPENDICES

APPENDIX A: COMPATIBILITY TEST
Since liquid fertilizers can vary, even within the same analysis, always check compatibility with herbicide(s) at time before use. Be especially careful when using complete suspension or fluid fertilizers, as serious compatibility problems are more likely to occur. Commercial application equipment may improve compatibility in some instances. The following test assumes a spray volume of 25 gals./Ac. For other spray volumes, make appropriate changes in the ingredients. Check compatibility using this procedure:
1. Add 1 pt. of fertilizer to each of 2 one-qt. jars with tight lids.
2. To one of the jars, add one-quarter tsp. or 1.2 milliliters of compatibility agent, such as Mix™, Compx® or Unite® (one-quarter tsp. is equivalent to 2 pts./100 gals. spray). Shake or stir gently to mix.
3. To both jars, add the appropriate amount of herbicide(s). If more than one herbicide is used, add them separately with dry herbicides first, flowables next, and emulsifiable concentrates last. After each addition, shake or stir gently to thoroughly mix. The approximate amount of herbicides for this test follows:
   - **Dry herbicides**: For each pound to be applied per acre, add 1.5 level teaspoons to each jar.
   - **Liquid herbicides**: For each pint to be applied per acre, add 1/2 teaspoon or 2.5 milliliters to each jar.

**Note:** For this product in tank-mixtures with AAtrex + Princep, use one-third to one-half the amount of AAtrex specified above and the remainder as Princep, depending on whether the 1:2 or 1:1 ratio of AAtrex to Princep is to be applied.

4. After adding all ingredients, put lids on and tighten, and invert each jar 10 times to mix. Let the mixtures stand 15 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 2 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 herbicide(s) in water before addition**, or
   - **(B) add one-half of the compatibility agent to the fertilizer** and the other one-half to the emulsifiable concentrate or flowable herbicide before addition to the mixture. If incompatibility is still observed, do not use the mixture.

APPENDIX B: LOW CARRIER APPLICATION
For Broadcast Ground Application Only
Use sprayers, such as Ag-Chem RoGator®, Hagie, John Deere Hi-Cycle™, Melroe Spra-Coupe, Tyler Patriot™, or Willmar Air Ride®, that provide accurate and uniform application. Only water may be used as a carrier. Screens in suction and in-line strainers should be 50-mesh. Manufacturer’s may require that tip screens as fine as 100-mesh be used with some nozzles. Use a pump with capacity to:
1. Maintain up to 35 to 40 psi at the nozzles, and
2. Provide sufficient agitation in tank to keep mixture in suspension. Use a minimum of 5 gals. of spray mixture per acre. Maximum recommended sprayer speed is 15 mph. Rinse sprayer thoroughly with clean water immediately after each use.

**Note:** Low pressure nozzles are recommended to reduce drift and increase application accuracy. Care should be taken when using automatic rate controlling devices to spray the material within the rated working pressure and flow ranges of the nozzles selected. Nozzle screens should be used when recommended by the manufacturer. All nozzles should be placed on 20-inch centers, except flooding types which should be placed on 40-inch centers. When Flat Fan-type nozzles are used, angles of 80° or 110° are recommended. Always read and follow the manufacturer’s directions for optimum setup and performance of their nozzles or tips.

APPENDIX C: AERIAL APPLICATION
Apply this product in water alone or in tank-mixtures with Atrazine, Lexone, Linuron, or Sencor in a minimum total volume of 2 gals./Ac./by aircraft. This product may also be applied by air in combination with Balan, Prowl or Trifluralin. Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. In order to assure that spray will be controllable within the target area when used according to label directions, make applications at a maximum height of 10 ft., using low-drift nozzles at a maximum pressure of 40 psi, and restrict application to periods when wind speed does not exceed 10 mph. To assure that spray will not adversely affect adjacent sensitive nontarget plants, apply this product alone or this product + Atrazine by aircraft at a minimum upwind distance of 400 ft. from sensitive plants, or apply this product + Lexone, Linuron, or Sencor at a minimum upwind distance of 300 ft. from sensitive plants. Avoid application to humans or animals. Flagmen and loaders should avoid inhalation of spray mist and prolonged contact with skin.

AERIAL DRIFT MANAGEMENT
Avoiding spray at the application site is the responsibility of the applicator. The interaction of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural fields or crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

1. The distance of the outermost nozzles on the boom must not exceed three-fourths the length of the wingspan or rotor.
2. Nozzles must always point backward parallel with the air stream and never be pointed downward more than 45 degrees. Where states have more stringent regulations, they should be observed. The applicator should be familiar with and take into account the information covered in the Aerial Drift Reduction Advisory Information section below.

Aerial Drift Reduction Advisory Information

Information on Droplet Size
The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

Controlling Droplet Size
- **Volume** – Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- **Pressure** – Do not exceed the nozzle manufacturer’s recommended pressures. For many nozzle types, lower pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead of increasing pressure.
- **Number of nozzles** – Use the minimum number of nozzles that provide uniform coverage.
- **Nozzle Orientation** – Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- **Nozzle Type** – Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

**Boom Length**
For some use patterns, reducing the effective boom length to less than three-fourths of the wingspan or rotor length may further reduce drift without reducing swath width.

**Application Height**
Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

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

**Wind**
Drift potential is lowest between speeds of 2 to 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 1 mph due to variable wind direction and high inversion potential.

**Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.
Temperature and Humidity
When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions
Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and dissipates indicates good vertical air mixing.

Sensitive Areas
This pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive area).

APPENDIX D: CENTER PIVOT IRRIGATION APPLICATION
This product alone in tank-mixture with other herbicides on this label, which are registered for center pivot application, may be applied in irrigation water pre-emergence (after planting, but before weeds or crop emerge) at rates recommended on this label. Apply this product only through a center pivot irrigation system. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should 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
1. 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.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
3. 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 inter lock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. 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.
6. Systems must use a metering pump, such as a positive displace- ment 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.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.
8. Prepare a mixture with a minimum of 1 part of water to 1 part herbicide(s) and inject this mixture into the center pivot system. Injecting a larger volume of more dilute mixture per hour will usually provide more accurate calibration of metering equipment. Maintain sufficient agitation to keep the herbicide in suspension.

Pneumatic (Compressed Air) Application (This Product Alone):
High humidity, high urea concentrations, low fertilizer use rates, and dusty fertilizer may cause fertilizer mixture to build up or plug the distributor head, air tubes, or nozzle deflector plates. To minimize buildup, premix this product, with Essox Aromatic 200 at a rate of 1 to 4 pts./gal. 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.

Notes:
(1) Mixtures of this product and Aromatic 200 must be used 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. (2) When impregnating this product in a blende before application, a drier mixture can be attained by substituting a drying agent for Aromatic 200. The use of Agsorb FG or drying agents of six-thirtieth particle size are recommended. (3) Drying agents are not recommended for use with the On-The-Go impregnation equipment.

Use Precautions:
To avoid potential for explosion, (1) Do not impregnate this product or this product mixtures on ammonium nitrate, potassium nitrate, or sodium nitrate, either alone or in blends with other fertilizers. (2) Do not use this product or this product mixtures on street surface, since absorption will not be achieved. Fertilizer blends containing limestone can be impregnated.

Application
Apply 200-700 lbs. 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 to prevent possible crop injury. 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 may improve 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.

**Use Precaution:** To avoid crop injury, do not use the herbicide/fertilizer mixture on crops where bedding occurs.

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