For preplant burndown/preemergence, preplant incorporated and postemergence control in field corn, sweet corn, popcorn and soybeans.

EPA Reg. No. 279-3468  EPA Est. 279-IL-1

ACTIVE INGREDIENTS: By Wt.
Pyroxasulfone ....................................................45.22%
Fluthiacet-methyl ................................................1.38%
Other Ingredients ..............................................  53.40%
Total: 100.00%

Anthem Maxx Herbicide is a SC (suspension concentrate) containing 4.30 total lbs. active ingredients per gallon (containing 4.174 lb ai of pyroxasulfone and 0.126 lb ai of fluthiacet-methyl).

ATTENTION
Although this label may appear similar to the label on a product you may have used, there may be important label differences. Users must read, understand and strictly follow all label directions, precautions and restrictions.

It is the user’s responsibility to be sure the product is approved for sale or use on the intended crop and for use in the specific geographic area.

It is the user’s responsibility to be aware of and to follow all State or local precautions or restrictions not appearing on this product label.

Privacy: Do not purchase or use this product, read the Conditions of Sale and Limitation of Warranty and Liability of this label. If the terms and conditions are unacceptable, return the product immediately in the original and unopened container.

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PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
Caution
Authority Maxx Herbicide may cause substantial, but temporary, eye injury. Do not get in eyes or on clothing. Harmful if swallowed. Avoid contact with skin or clothing.

Personal Protective Equipment (PPE)
Applicators and other handlers must wear: long sleeved shirt and long pants, chemical resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, or viton ≥ 14 mils, shoes plus socks, and protective eyewear (goggles or face shield).

For aerial application, mixers and loaders must also wear a PFS respirator.

Discard clothing and other absorbent materials that have been
drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls: Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

User Safety Recommendations: Users should:
• Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish, aquatic invertebrates, and to some plants at very low concentrations. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to terrestrial and aquatic plants in neighboring areas. Do not contaminate water when disposing of equipment wash waters or rinsate. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, or other waters under the jurisdiction of the US Environmental Protection Agency (EPA), or into sewers in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit, and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewage systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Ground Water Advisory: This chemical and its degradation products have properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisories: Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate. This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching both surface water and aquatic sediment via runoff for several months or longer after application. A level, well maintained vegetative buffer strip between areas to which this product is applied and sur-

Point Source Contamination: To prevent point source contamination do not mix or load this or any other pesticide within 50 feet of wells or reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or dike mixing/loading areas as described below.

Mixing, loading, rinsing, or washing operations performed within 50 feet of a well will be allowed only when conducted on an impervious pad constructed to withstand the weight of the heaviest load that may be on or move across the pad. The pad must be self contained to prevent surface water flow over or from the pad. The pad capacity must be maintained at 110% of that of the largest pesticide container or application equipment used on the pad and has sufficient capacity to contain all products spills, equipment or container leaks, equipment wash waters and rainwater that may fall on the pad. The containment capacity does not apply to vehicles delivering pesticides shipments to the mixing/loading site. States may have in effect additional requirements regarding wellhead setbacks and operational containment.

Care must be taken when using this product to prevent back siphoning into wells, spills or improper disposal of excess pesticide, spray mixes, or rinsates. Check values or anti-siphoning devices must be used on all mixing equipment.

Endangered Species Protection Requirements: This product may have effects on federally listed threatened or endangered plant species or their critical habitat. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the county or parish in which you are applying the pesticide. To determine whether your county or parish has a Bulletin, and to obtain that Bulletin, consult “http://www.epa.gov/esspi,” or call 1-800-447-9813 no more than 6 months before using this product. Applicators must use Bulletins that are in effect in the month in which the pesticide will be applied. New Bulletins will generally be available from the above sources 6 months prior to their effective dates.

Physical/Chemical Hazards
Do not use or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WAR- RANTY AND LIABILITY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control or FMC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and, to the extent consistent with applicable law, Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CON- SISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WAR-

RANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, hav-

ing been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and, to the extent permitted by applicable law, buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product, TO THE EXTENT CONSIS-

TENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAM-

AGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PROD-


This Condition of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.
RESISTANCE MANAGEMENT

Mode of action
Anthem MAXX Herbicide contains pyroxasulfone which acts to inhibit very long chain fatty acid synthesis as a Group 15 (WSSA)/Group K3 (HRAC) herbicide. It is a root and shoot growth inhibitor that controls weeds that germinate after application but before an activating rainfall/irrigation of at least ½ inch, or weeds that germinate through cracks in dry soil. Moisture is necessary to activate the active ingredient pyroxasulfone in postemergence applications of Anthem MAXX Herbicide. Dry weather following either preemergence or postemergence applications of Anthem MAXX Herbicide may reduce weed control. The tank mixture is a nonselective, broad-spectrum herbicide. It is not selective for weed resistance, use this product in a rotation program with other classes of chemistry and modes of action. Always apply this product at the recommended rates and in accordance with the use directions. For optimum performance, scout fields carefully and begin applications when weeds are small. If resistance is suspected, contact the local or State agricultural advisors.

Glyphosate Resistant Weeds
Some populations of weeds may be tolerant or resistant to glyphosate based herbicides. Application of Anthem MAXX Herbicide in a tank mixture with other Group 14 or 15 herbicides, or other Group 5 (WSSA) herbicide resistant weeds larger than specified in Table 6 in a postemergence application may result in unsatisfactory control. Follow all directions, restrictions and precautions on the EPA-approved label for each product in the tank mixture.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsis- tent with its labeling. Read all Directions for Use carefully before apply- ing.

Do not apply this product in a way that will contact workers or other per- sons, 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.

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

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard con- tains precautions for 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 produc- t that are covered by the Worker Protection Standard.

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

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with any- thing that has been treated, such as plants, soil, or water, is: Coveralls over long-sleeved shirt and long pants, protective eyewear (goggles or face shield), chemical resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, or viton ≥ 14 mils, and shoes plus socks.

PRODUCT INFORMATION
Anthem MAXX Herbicide can be applied in all tillage systems (conven- tional, reduced and no-tillage). Anthem MAXX Herbicide can be applied in the fall or in the spring as a preplant, pre plant incorporated, preemer- gence, or early post emergence treatment for susceptible grass and broadleaf weeds in field corn, sweet corn, soybeans, and sorghum. Anthem MAXX Herbicide may also be used in double cropping and multiple relay intercropping.

Weed Size:
When applying Anthem MAXX Herbicide alone for post emergent weed control, apply before the weeds have reached the maximum height list- ed in Table 9. Application after weeds have reached the listed maximum height for control could result in commercially unacceptable weed control. Focus control of post application of Anthem MAXX Herbicide in Table 9 and for wider spectrum, apply in tank-mixture with herbicide(s) that are labeled for control of targeted weeds. Uniform spray coverage is necessary for optimum performance.

Application Instructions and Timings:

Application Precautions for Post Emergence Applications:
1. If applying Anthem MAXX Herbicide post emergence, avoid applica- tion to crop foliage that is turgid, or has been stressed by drought, dry soil, or irrigation moisture. If Anthem MAXX Herbicide is applied post emergence, shortly before or soon after rainfall, crop response can occur. Recovery from this response is rapid and normal growth is not delayed. Crop yields will not be impacted by this response.
2. Do not apply if crop is under severe stress due to drought, cold weather, hail, flooding, water-logged or compacted soil, disease, insect damage, nutrient deficiency (especially low nitrogen levels), or other
causes.
3. Do not tank mix any chlorpyrifos containing insecticide with Anthem MAXX Herbicide in post applications as crop injury might occur.
4. Do not irrigate within 4 hours of a post emergence application of Anthem MAXX Herbicide. Rainfall or irrigation within 1 hour may wash Anthem MAXX Herbicide off of the weeds during this period and may reduce post emergence performance.
5. Observe all precautions and limitations on the label of each product used in tank mixture with Anthem MAXX Herbicide.

Restrictions
• Do not apply this product through any type of irrigation system.
• Do not use flood irrigation to apply, activate or incorporate this product.

Ground Application
Use sufficient spray pressure and spray volume for accurate and uniform application. Refer to instructions for the spray equipment used to determine the actual minimum volume. The carrier may be either water or a sprayable fluid fertilizer. Do not apply this product without dilution in a spray carrier. Apply Anthem MAXX Herbicide in a minimum of 5 gallons of water per acre or 10 or more gallons of sprayable fluid nitrogen fertilizer per treated acre for soil applications. For preplant burnout or postemergence applications, apply Anthem MAXX Herbicide in a minimum of 10 gallons per acre of finished spray solution. If a dense crop and/or weed canopy is present, use a minimum of 15 gallons per acre up to 40 gallons of spray solution per acre.

Aerial Application
Use nozzle types and arrangements that will provide optimum coverage while producing a minimal amount of droplets. Apply at a minimum of 3 gallons of finished spray per acre. Spray volumes of 5 gallons per acre or greater may be needed for postemergence applications, dense weed populations or with dense crop canopies.

Proper Handling Instructions
This product may not be mixed or loaded within 50 feet of any wells (including abandoned wells and drainage wells), sink holes, perennials or intermittent streams and rivers, and natural or impounded lakes and reservoirs. This setback does not apply to properly capped or plugged abandoned wells and does not apply to impervious pad or properly diked mixing/loading areas.

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 rainwater that may fall on the pad. Surface water shall not be allowed to either flow over or from the pad, which means the pad must be self contained. The pad shall be sloped to facilitate material removal. An unroofed pad shall be of sufficient capacity to contain at a minimum 110% of the capacity of the largest pesticide container or application equipment on the pad. A pad that is covered by a roof of sufficient size to completely exclude precipitation from contact with the pad shall have a minimum containment capacity of 110% 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 specific minimum containment capacities do not apply to vehicles when delivering pesticide to or from the mixing and loading pad areas.

This product must be used in a manner which will prevent back siphoning into wells, spills or improper disposal of excess pesticide, spray mixtures or tankmates.

**MIXING AND LOADING INSTRUCTIONS**

Mixing Instructions:
1. The spray equipment must be clean before using this product. If it is contaminated with other materials, mixing problems and/or clogging can occur and/or crop response can occur.
2. Prepare no more spray mixture than is needed for the immediate application. Applying the product immediately after preparation ensures that it is in suspension. If application is delayed, agitation to re-mix the products and checking for resuspension ensures proper blending.
3. Maintain maximum agitation throughout the spray operation.
4. Flush the spray equipment thoroughly after each use and apply rinse water to the mixing/loading pad immediately after preparation ensures that it is in suspension. If application is delayed, agitation to re-mix the products and checking for resuspension ensures proper blending.
5. Complete filling the tank with clean water and/or fertilizer to maintain sufficient agitation at all times to insure surface action until the mixture is uniform.
6. After use, thoroughly clean the sprayer according to this label (see Cleaning and Maintenance) before applying a new product.

Mixing Anthem MAXX Herbicide in Tank Mixtures with Other Herbicides and Fluid Fertilizers
Anthem MAXX Herbicide is compatible with most commonly used herbicides, insecticides, fungicides, and spray adjuvants. BEFORE MIXING ANTHEM MAXX HERBICIDE WITH OTHER REGISTERED PRODUCTS FOR ANY USE ON THIS LABEL, READ THE LABEL OF THE TANK MIX PARTNER TO BE CERTAIN IT IS LABELED FOR THE USE ON THE TARGET CROP AND THAT USE PATTERNS ARE COMPATIBLE WITH THOSE OF ANTHEM MAXX HERBICIDE. When using Anthem MAXX Herbicide in a tank mixture with other pesticides, observe the most restrictive label limitations and precautions for the products being used.

Anthem MAXX Herbicide can be used with commonly used clear fluid nitrogen fertilizers (e.g., 28% or 32% UAN). It is recommended that a preliminary compatibility jar test be conducted using appropriate ratios of Anthem MAXX Herbicide and fertilizer. With some liquid fertilizer blends, premixing F310-7 with water before adding to the fertilizer may help with mixing of the herbicide with the fertilizer. Prepare no more spray mixture than is needed for the immediate application. Applying the product immediately after preparation ensures that it is in suspension. If application is delayed, agitation to re-mix the products and checking for resuspension ensures proper blending.

Compatibility Test
A jar test is recommended before mixing to ensure Anthem MAXX Herbicide compatibility with tank mix partners and adjuvants. The following test assumes a spray volume of 25 gallons per acre. For other spray volumes, make appropriate adjustments.

1. Add 1.0 pt. of water to each of 2 one-quart jars. Note: Use the same source of water and the other components in the compatibility test that will actually be tank mixed and applied. It is important that all components are mixed at a temperature similar to the temperature of those used for the actual application.
2. To one of the jars, add 1/4 tsp. or 1.2 milliliters of a compatibility agent approved for this use (1/4 tsp. is equivalent to 2 pt/100 gallons spray).
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. Finally, add the appropriate amount of any adjuvants that will be used. After each addition, shake or stir gently to mix.
4. After adding all ingredients for the tank mixture, replace and tighten lids. Shake jars by inverting the mixture and then let stand for 15 to 30 minutes.
5. After waiting period, check jars for separation, precipitates, flakes, film on the side, gels or other signs of incompatibility. If mixtures separate but can be remixed, the mixture can be sprayed as long as good agitation is used.
6. If the mixtures are incompatible, then try these methods to overcome the problem. A) Make a slurry of dry pesticides in water before adding them to the tank B) Add more compatibility agent or increase the water volume of the mixture.
7. If tank mixtures are incompatible, then do not spray the mixture. (Properly dispose of testing jars and any pesticide waste).

Spray adjuvants for burnout and post applications
Adjuvant or a product containing an adjuvant approved for use on corn or soybean crops may be used with Anthem MAXX Herbicide for maximum consistent performance.

Adjuvants for Anthem MAXX Herbicide:
Use a spray adjuvant from one of these classes for optimum performance for burnout or post applications.

Non-ionic surfactant (NIS) - must have a minimum of 80% of the constituents effective as spray adjuvant at the rate of 1 quart/100 gallons of spray volume (concentration of 0.25%).

CROP OIL CONCENTRATE (COC) OR METHYLATED SEED OIL (MSO) - petroleum or vegetable-based oil containing not less than 12% emulsifier. Use 1-2 pts. (A) and the concentration should not exceed 2.5% volume/volume. COC/MSO may improve performance under dry conditions and low relative humidity.

Silicone-based surfactant - apply at a rate of 1 qt/100 gallons or a spray volume concentration of 0.25% or as specified on the adjuvant label.

In addition to an adjuvant, urea ammonium nitrate (UAN) at 1-2 pts. /A or spray grade ammonium sulfate (AMS) at recommended use rates may also be added to the spray solution.

Adjuvants for Anthem MAXX Herbicide: in Tank Mixtures with
DRY FERTILIZER APPLICATION

Anthem MAXX Herbicide may be impregnated or coated onto dry bulk granular fertilizer carriers for fall and preplant surface and preplant incorporated applications. Follow all Anthem MAXX Herbicide label recommendations, instructions and precautions.

All individual state regulations relating to dry granular fertilizer blending, registration, labeling and application are the responsibility of the individual and/or company selling the herbicide/fertilizer mixture.

Select the Anthem MAXX Herbicide application rate per acre from this label and determine the quantity of dry bulk fertilizer to be applied per acre (use a minimum of 200 pounds and a maximum of 750 pounds per acre). Use the equation below to determine the amount of Anthem MAXX Herbicide needed per ton of fertilizer applied.

(Fl oz of Anthem MAXX Herbicide per acre X 2000) / Pounds fertilizer per acre = oz of Anthem MAXX Herbicide for 1 ton of fertilizer applied.

Anthem MAXX Herbicide may be impregnated on many commonly used dry fertilizer but do not impregnate on ammonium nitrate, fertilizers containing ammonium nitrate, potassium nitrate, sodium nitrate or powdered limestone.

To impregnate Anthem MAXX Herbicide on bulk fertilizer, use a closed rotary drum mixer or other commonly used dry bulk fertilizer blender equipped with suitable spray equipment. Mix Anthem MAXX Herbicide with sufficient water to form a sprayable slurry mixture. Spray nozzles be directed to provide uniform fertilizer coverage while avoiding spray contact with mixing equipment. Non uniform impregnation can cause crop injury or unsatisfactory performance.

Spray the herbicide mixture onto the fertilizer after blending has started. If necessary, include a suitable drying agent to ensure a spreadable her -

D R Y F E R T I L I Z E R  A P P L I C A T I O N

In corn, apply Anthem MAXX Herbicide from crop emergence through V4 stage (visible 4th leaf collar). In soybeans, apply Anthem MAXX
Herbicide from planting through the third trifoliate (V3) leaf stage. The amount of Anthem MAXX Herbicide to apply and the degree of weed control resulting from a Anthem MAXX Herbicide application depends upon a variety of factors such as weeds present, stage of growth of the weeds, environmental conditions, growing conditions and soil type. Under high moisture conditions the crop may experience some temporary crop response. The crop will rapidly outgrow these effects and develop normally with no reduction in yield.

Before applying to corn, verification of Anthem MAXX Herbicide selectivity on your inbred line or hybrid line must be confirmed with your local seed company or supplier to avoid injury to sensitive inbreds or hybrids. Split applications

Anthem MAXX Herbicide can be applied in sequential programs, but do not exceed the maximum use rate per cropping season. Consult the corn and soybean sections for more information. Where weeds are emerged, use appropriate tank mixtures for control of the weed species present. Separate sequential applications by at least 14 days.

**Anthem MAXX Herbicide in Tank Mixtures**

For enhanced control of emerged weeds use Anthem MAXX Herbicide in combination with other labeled burndown herbicides products for that crop like Aim, 2,4-D, dicamba, glyphosate, parquat, glufosinate and products containing saflufenacil (e.g. Sharpen, Verdict, or OptTill). Saflufenacil may be applied prior to planting at any time in combination with Anthem MAXX Herbicide.

Anthem MAXX Herbicide may be applied pre and post emergence with glufosinate or glyphosate based products, or other pre and postemergence broadleaf herbicides approved for use on corn. Tank mixing Anthem MAXX Herbicide with other postemergence herbicides may increase the speed of activity and provide control of the weeds listed in Table 5. Anthem MAXX Herbicide may be tank-mixed with labeled insecticides for that crop such as Hero®, or Mustang® Maxx and with labeled fungicides. Some populations of weeds may be tolerant or resistant to glyphosate based herbicides. Applying Anthem MAXX Herbicide in a tank-mix with glyphosate on resistant weeds larger than specified in Table 6 may result in unsatisfactory control. Other herbicides in tank-mix with Anthem MAXX Herbicide or separately may be required to achieve adequate control of these resistant biotypes. Follow all directions, restrictions and precautions on the EPA-approved label for each product in the tank mixture and follow the most restrictive requirements of the products being mixed.

**RATE SELECTION/SOIL TEXTURE**

Unless a specific soil texture is mentioned, rate tables throughout this label refer to Table 2 for soil texture groups: coarse, medium, and fine. Table 2 includes a complete listing of soil textures included in each of the soil texture grouping.

### Table 2.

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

**CORN - CROP SECTION**

**Fall and Early Preplant**

Table 3. Anthem MAXX Herbicide application rates for early preplant applications greater than 15-45 days ahead of planting in field corn (grown for grain, seed and silage) sweet corn and popcorn including sweet corn and popcorn grown for seed.

**PREPLANT / PREEMERGENCE APPLICATION RATES**

Table 4. Anthem MAXX Herbicide application rates for field corn (grown for grain, seed and silage) sweet corn and popcorn including sweet corn and popcorn grown for seed.

### Table 5.

<table>
<thead>
<tr>
<th>Product</th>
<th>Weed species</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atrazine</td>
<td>Cocklebur, Giant and Common ragweed, Nightshade, Kochia (non-triazine resistant) Morningglory, Pigweeds, Russian thistle, Lambsquarters</td>
</tr>
</tbody>
</table>

Under heavy weed pressure, use a sequential post emergence treatment for satisfactory weed control.

**POST EMERGENCE APPLICATION RATES**

Table 5. Anthem MAXX Herbicide application rates for field corn (grown for grain, seed and silage), sweet corn and popcorn including sweet corn and popcorn grown for seed.

### Table 6.

<table>
<thead>
<tr>
<th>Organic Matter</th>
<th>Coarse</th>
<th>Medium</th>
<th>Fine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1%</td>
<td>2.5 - 3.0 (0.098-0.109)</td>
<td>2.5 - 3.5 (0.098-0.134)</td>
<td>3.0 - 4.0 (0.101-0.134)</td>
</tr>
<tr>
<td>1.0% to 3.0%</td>
<td>2.5 - 3.5 (0.084-0.0117)</td>
<td>3.0 - 3.5 (0.090-0.168)</td>
<td>4.0 - 5.0 (0.134-0.185)</td>
</tr>
<tr>
<td>Greater than 3%</td>
<td>3.5 - 4.0 (0.117-0.134)</td>
<td>4.5 - 5.5 (0.143-0.185)</td>
<td>5.0 - 6.5 (0.168-0.218)</td>
</tr>
</tbody>
</table>

- Preplant applications are not recommended on coarse soils, in areas where average annual rainfall (or rainfall + irrigation) typically exceeds 40 inches, or for popcorn or sweet corn.
- For control/suppression of additional weed species or for improved control of troublesome weeds, Anthem MAXX Herbicide may be used in combination with other labeled corn herbicides including:

**CORN Use Rate Restrictions**

- **Maximum seasonal use rates:**
- **On coarse texture soils:** do not apply more than a total of 4.5 fluid ounces of Anthem MAXX Herbicide (containing 0.147 lb ai of pyroxasulfone and 0.0044 lb ai of fluthiacet-methyl) per acre per cropping season.
- **On medium and fine soils:** do not apply more than a total of 8.15 fluid ounces of Anthem MAXX Herbicide (containing 0.29 lb ai of pyroxasulfone and 0.008 lb ai of fluthiacet-methyl) per acre per cropping season.

Do not apply more than 0.0088 lb ai/A of fluthiacet methyl or 0.266 lb ai/A of pyroxasulfone per acre in a twelve month cropping year including preplant burndown. Anthem MAXX Herbicide may be used prior to or after applications of other pyroxasulfone or fluthiacet methyl containing herbicides. When using Anthem MAXX Herbicide in sequential programs, do not exceed the maximum amount of either active ingredient per cropping year for the soil textures as specified above.

**Pre-Harvest Intervals:**

Field Corn, Popcorn, Seed Corn: Do not harvest forage within 30 days or grain and fodder (stover) within 70 days after last application.

Sweet Corn: Do not harvest forage or ears within 40 days after last application.

**SOYBEAN - CROP SECTION**

**Early Preplant**

Table 6. Anthem MAXX Herbicide application rates for early preplant applications greater than 14 days ahead of planting in soybeans.

### Table 7.

<table>
<thead>
<tr>
<th>Organic Matter</th>
<th>Coarse</th>
<th>Medium</th>
<th>Fine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1%</td>
<td>2.5 - 3.5 (0.067-0.084)</td>
<td>3.0 - 3.5 (0.084-0.117)</td>
<td>3.5 - 4.5 (0.117-0.151)</td>
</tr>
<tr>
<td>1.0% to 3.0%</td>
<td>2.5 - 3.5 (0.067-0.100)</td>
<td>3.0 - 3.5 (0.084-0.168)</td>
<td>4.0 - 5.0 (0.134-0.167)</td>
</tr>
<tr>
<td>Greater than 3%</td>
<td>3.5 - 4.5 (0.067-0.109)</td>
<td>4.5 - 6.0 (0.134-0.218)</td>
<td></td>
</tr>
</tbody>
</table>

- **Use rates listed above are for control or suppression of weeds listed in Table 1.**
- **For early preplant applications and/or in reduce tillage (i.e. no-till/ high residue) systems use the higher labeled rate by the soil type.**

**Preplant/Preemergence Precautions:**

- Corn seed must be planted a minimum of 1.5 inches deep. Shallow planting can lead to increased crop response risk.
for considering all factors involved in minimizing drift potential.

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

Where states have more stringent regulations, they must be observed.

INFORMATION ON DROPLET SIZE

The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Use nozzle types arrangements that will provide maximum coverage and minimize the potential for off target movement of spray particles. Droplet sizes for ground applicators must be in the "coarse size" category as defined in the August 1999 ASAE SS52 publication entitled, "Spray Nozzle Classification by Drop Spectrum". Refer to that publication for additional information. Regardless of droplet size, if applications are made in improperly or unfavorably environmental conditions off-target movement will occur. (See Wind, Temperature and Humidity, and Temperature Inversion sections in this label).

Controlling Spray Droplet Size

Volume (Volume median diameter) – VMD is the expression of the droplet size of the spray cloud. The VMD value means that 50% of the droplets are larger than the expressed value and 50% of the droplets are smaller than the expressed value. Optimum Anthem MAXX Herbicide spray clouds should be 450 microns with fewer than 10% of the droplets being 200 microns or less.

Volume - Use high flow rate nozzles that produce medium to ultra coarse droplets to apply the highest practical spray volume.

Pressure - Use the lower spray pressures recommended for the nozzle and do not exceed the manufacturer’s recommended pressure. Higher pressures reduces droplet size and does not improve coverage.

Number of Nozzles - Use the minimum number of nozzles that provide uniform coverage.

Nozzle Orientation – Orienting nozzles so that the spray is released backwards parallel to the air-stream will produce larger droplets than other orientations. 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. Do not use air inducing or flood type nozzles. Do not use nozzles that produce fine spray droplets (e.g. cone).

Ground Boom Application Height - Applications should not be made at a height greater than 4 feet above the top of the largest plants.

Making applications at the lowest possible height reduces exposure of droplets to evaporation and wind.

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

Wind - Variable wind speeds with changing directions may pose the largest potential for drift damage if crops other than rice are adjacent to the field to be sprayed. Drift potential is lowest between wind speeds of 2 to mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Applications must be avoided if wind speed is below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

Temperature and Humidity - When making applications in low relative humidity set up equipment to produce larger droplets to compensate for evaporation, but they still should remain within the medium droplet size category. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions – Do not spray at times when spray particles may be entrained into a temperature inversion layer. If inversion conditions are suspected, consult with local weather services before making an application. Applications must not occur during temperature inversions 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 joint variable winds common during inversions. Temperature inversions are characterized by increasing temperatures at 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 following morning. Their presence can be indicated by fog formation. However, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas – Anthem MAXX Herbicide must only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitats for threatened or endangered species and non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas). Maintain a 10-foot buffer between the applications.
area and the closest downwind edge of sensitive terrestrial habitats (such as grassland, forested areas, shelter, belts, woodlots, hedgerows, riparian areas, shrublands, and croplands).

**Equipment**

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

**Additional requirements for aerial applications:**

The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety. This requirement does not apply to forestry or rights-of-way applications.

When applications are made with a crosswind, the swath will be displaced downwind.

The applicator must compensate for this by adjusting the path of the aircraft upwind.

**Additional requirements for ground boom application:**

Do not apply with a nozzle height greater than 4 feet above the crop canopy.

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**CLEANING SPRAY EQUIPMENT**

Many pesticides are very active at low rates, especially to sensitive crops. Residues left in mixing equipment, spray tanks, hoses, spray booms and nozzles can cause crop effects if they are not properly cleaned. As soon as possible after spraying Anthem MAXX Herbicide and before using the sprayer equipment for any other applications, the sprayer equipment must be thoroughly cleaned using the following procedure. In addition, users must take appropriate steps to ensure proper equipment clean-out for any other products mixed with Anthem MAXX Herbicide as required on the other product labels. More complete cleaning can be achieved if the spray system is cleaned immediately following the application.

1. Drain sprayer tank, hoses, spray boom and spray nozzles. Use a high-pressure detergent wash to remove physical sediment and residues from the inside of the sprayer tank and thoroughly rinse. Then, thoroughly flush sprayer hoses, spray boom and spray nozzles with a clean water rinse. Remove and clean spray tips and all filters and screens (tank, spray hose and spray tips) separately in the ammonia solution of Step 2.

2. Next, prepare a sprayer cleaning solution by adding three gallons of ammonia (containing at least 3% active) per 100 gallons of clean water. Prepare sufficient cleaning solution to allow the operation of the spray system for a minimum of 15 minutes to thoroughly flush hoses, spray boom and spray nozzles.

3. Convenient and thorough cleaning of the sprayer can be achieved if the ammonia solution or fresh water is left in the spray tank, hoses, spray booms and spray nozzles overnight or during storage.

4. Before using the sprayer, completely drain the sprayer system. Rinse the tank with clean water and flush through the hoses, spray boom, and spray nozzles with clean water.

5. Properly dispose of all cleaning solution and rinsate in accordance with Federal, State, and local regulations and guidelines.

Do not apply sprayer cleaning solutions or rinsate to sensitive crops.

Do not store the sprayer for any extended period of time with Anthem MAXX Herbicide spray solution remaining in the tank, spray lines, spray boom plumbing, spray nozzles or strainers.

If the sprayer has been stored or idle, purge the spray boom and nozzles with clean water before beginning any application.

Should small quantities of Anthem MAXX Herbicide remain in inadequately cleaned mixing, loading and/or spray equipment, they may be released during subsequent applications potentially causing effects to certain crops and other vegetation. FMC accepts no liability for any effects due to inadequately cleaned equipment.

When Anthem MAXX Herbicide has been tank mixed refer to the label of the product used previously or tank mixed with Anthem MAXX Herbicide for cleaning instructions.

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**REPLANTING INSTRUCTIONS**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Rotational Crop Interval (months after application)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>10/10/10/10</td>
</tr>
<tr>
<td>Canola (rapeseed)</td>
<td>12/12/15/18</td>
</tr>
<tr>
<td>Corn</td>
<td>0/0/0/0</td>
</tr>
<tr>
<td>Cotton</td>
<td>1/2/4/4</td>
</tr>
<tr>
<td>Edible Peas, Succulent</td>
<td>11/11/11/11</td>
</tr>
<tr>
<td>Edible Beans, and other</td>
<td></td>
</tr>
<tr>
<td>Edible Dry Beans</td>
<td></td>
</tr>
<tr>
<td>Grain Sorghum</td>
<td>6/6/10/10</td>
</tr>
<tr>
<td>Grasses grown for Seed</td>
<td>18/18/18/18</td>
</tr>
<tr>
<td>Lentils</td>
<td>6/6/6/8</td>
</tr>
<tr>
<td>Peanut</td>
<td>4/4/4/4</td>
</tr>
<tr>
<td>Peas, field (dry)</td>
<td>4/6/6/8</td>
</tr>
<tr>
<td>Potato</td>
<td>4/4/4/4</td>
</tr>
<tr>
<td>Rice</td>
<td>10/12/18/24</td>
</tr>
<tr>
<td>Small grains (other than</td>
<td>11/11/11/18</td>
</tr>
<tr>
<td>wheat)</td>
<td></td>
</tr>
<tr>
<td>Soybean</td>
<td>0/0/0/4</td>
</tr>
<tr>
<td>Sugarbeet</td>
<td>12/12/15/15</td>
</tr>
<tr>
<td>Sunflower</td>
<td>4/4/4/4</td>
</tr>
<tr>
<td>Sweet Potato</td>
<td>4/4/4/9</td>
</tr>
<tr>
<td>Wheat</td>
<td>41/41/4/6</td>
</tr>
<tr>
<td>Other Crops not listed</td>
<td>18/18/18/18</td>
</tr>
</tbody>
</table>

**NOTE:** For rotational crop restrictions when Anthem MAXX Herbicide is used in tank mixtures or sequentially with other products, refer to the rotation intervals on the other product label for possible additional restrictions.

**LABEL TRACKING INFORMATION**

Label Code: 07-21-17

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