PENOXSULAM GROUP 2 HERBICIDE

Nutrite Professional Turf Fertilizer with LockUp® Herbicide

For postemergence control of annual and perennial broadleaf weeds in established turfgrass, including residential lawns, golf courses, parks, sports fields, sod farms and around commercial buildings and other recreational and commercial turfgrass areas.

0-0-7 SGN: 145 MINI

GUARANTEED ANALYSIS

Soluble Potash (K2O).....7.0% Sulfur (S)..............2.5%
2.5% Combined Sulfur

Derived from: Potassium sulfate

ACTIVE INGREDIENTS:

2,4-dichlorophenoxyacetic acid ........................................ 1.04%
Picosulfuron: 2,2'-difluoroethoxy)-N-(5,8-
dimethoxy[1,2,4]triazololo[1,5-b]pyrimidin-2-yl)-6-
(trifluoromethyl)benzenesulfonamide .............................. 0.01%

Dicamba 3,6-dichloro-o-anisic acid ................................... 0.08%

OTHER INGREDIENTS.............................................. 98.87%
TOTAL 100.00%

Acid equivalent: 2,4-D acid – 0.86% - 17.2 lb/ton
Dicamba – 0.08% - 1.5 lb/ton

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KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA REG. NO. 62719-590-90561
EPA EST. NO. 87245-CAN-001 (C)
EPA EST. NO. 089135-A2-001 (A)
EPA EST. NO. 90561-NC-001 (N)
EPA EST. NO. 93243-CT-1 (CT)

*Number in parentheses used is first letter of lot number
* Lot begins “C”, Made in Canada

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Product Code: re15902
Net Wt. 50 lb (22.68 kg)

MANUFACTURED, GUARANTEED AND DISTRIBUTED BY:
Ferti Technologies
111 McNeas Road, Statesville, NC 28677

PREAMENATORY STATEMENTS

Hazard to Humans & Domestic Animals
Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation.

Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Wear long-sleeved shirt and long pants, socks, shoes, and water resistant gloves. Remove and wash contaminated clothing before reuse.

Notice: Read the entire label. Use only according to label directions. Before using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies elsewhere on the label. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

FIRST AID

If skin or clothing contact:

• Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Environment: If swallowed:

• Call a poison control center or doctor immediately for treatment advice.

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. Call a poison control center or doctor for further treatment advice.

FIRST AID

If in eyes:

• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

FIRST AID

Have the product container or label with you when calling a poison control center. You may contact 1-800-992-5994 for emergency medical treatment information.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators and other handlers must wear:

• Long-sleeved shirt and long pants
• Wear water resistant gloves
• Shoes plus socks

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

Engineering Controls

When handlers use closed systems and enclosed cab in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)-(g)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

• Wash hands before eating, drinking, chewing gum, or using the toilet.
• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Environmental Hazards

This product may be toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark as noted on appropriate labels. Do not contaminate water when disposing of equipment washwater or runoff.

2,4-D has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

If it is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

Agricultural Use

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), restricted entry interval, and notification to workers (as applicable). 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 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

• Coveralls worn over short-sleeve shirt and short pants
• Chemical-resistant gloves made of any waterproof material
• Chemical-resistant footwear plus socks
• Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Non-Agricultural Use

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Entry Restrictions for Non-WPS Uses:

Do not enter or allow people (or pets) to enter area until dusts have settled.

Storage and Disposal

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

Pesticide Storage: Store in a cool dry place in original container.

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

Container Handling: Non-recyclable container. Do not re-use or refill this container.

Complete empty bag into application equipment. Then offer for recycling if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

Product Information

Nutrite Professional Turf Fertilizer with LockUp® Herbicide is a stable combination of three herbicides. It provides postemergence control of annual, biennial and perennial broadleaf weeds in established turfgrass, including residential lawns, golf courses, parks, sports fields, sod farms and around commercial buildings and other recreational and commercial turfgrass areas.

Product Use Restrictions

• Do not apply this product on dichondra, carpetgrass, St. Augustin grass, bahiagrass, or to golf course putting greens, or turfgrass containing desirable clovers.
• Do not apply this product directly to, or otherwise permit this product to come into contact with, flowers, ornamental shrubs or trees, or other desirable broadleaf plants, as serious plant injury may occur.
• Do not apply to centipedegrass during the period of winter dormancy. Grass should be green and actively growing at application.
• Do not collect treated grass clippings for use as mulch around plants.
• Do not water, mow or disturb treated area for 48 hours after application.
• Use Nutrite Professional Turf Fertilizer with LockUp® Herbicide on solid (monoculture) stands of perennial ryegrass or tall fescue at a maximum rate of 175 lb per acre.
• Do not apply more than 175 lb of this product per acre after application.
• Do not make more than two applications per year.
• The re-treatment interval is 21 days for applications to turfgrass grown for sod or seed.

Product Use Precautions

• The active ingredient in this product may leave residues in treated grass clippings which could be harmful to some plants and trees. The applicator must notify in writing the appropriate residences/individuals of this precaution when this product is applied by a lawn service/commercial applicator.
• To minimize the potential for turfgrass injury, apply before weeks between applications.
• Some yellowing of these turfgrasses may occur within two weeks of application. Any discoloration is transitory and will dissipate under adequate growing conditions.
• Apply this product to newly seeded or sprigged turfgrass only after the third mowing or after the turfgrass seedlings have developed an adequate secondary root system. Re-seeding is not recommended for at least three to four weeks after application.
To aid in the prevention of developing weeds resistant to this product, users should:

- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- Start with a clean field, using either a burndown herbicide application or tillage.
- If using preemergence herbicides or tank mixes, control weeds early when they are relatively small.
- Apply full rate of this product for the most difficult to control weed in the field at the specified time to minimize weed escapes.
- Scout fields after application to detect weed escapes or shifts in control of weed species.
- Control weed escapes before they reproduce by seed or proliferate vegetatively.

Rates and Timing of Application
Apply 150 to 175 lb of this product per acre (3.4 to 4 lb per 1000 sq ft) per application to established turfgrass. Possible re-treatment in approximately 30 days may be necessary. To prevent the user of fertilizer to be applied to the treated area. If weeds are in a state of poor growth. Do not exceed 350 lb of this product per acre (8 lb per 1000 sq ft) per year because damage to turfgrass may occur. Do not make more than two applications per season.

Precaution: When applying to warm season turfgrass under conditions of inadequate rainfall, high temperatures, or other conditions that may result in transitory discoloration. Reduce application rates by 50% during dry, hot conditions to avoid possible phytotoxicity or burning of turfgrass. Best weed control results may be obtained if the product is applied to small, actively growing weeds in the spring or early fall. Extreme growing conditions such as drought or near-freezing temperatures prior to, at, or following time of application may reduce weed control. Broadleaf weed control may be reduced at different times.

**Terms and Conditions of Use**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use of this product constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies.

**Inherent Risks of Use**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to the instructions (including any condition noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, torridities, hurricanes), presence of other materials, the manner of application of the product, or other factors, all of which are beyond the control of Seller. To the extent permitted by law, all such risks shall be assumed by buyer.

**Limitation of Remedies**

To the extent permitted by law, the exclusive remedy for losses or damages resulting from this product's use shall be limited to one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or replacement of any portion of the product purchased, or
2. The payment of any of the permitted amount of product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller is promptly notified of such loss or damage in writing. To the extent permitted by law, in no case shall Seller be liable for consequential or incidental damages or other unintended consequences.

The terms of the Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or other agent of Seller shall have authority to alter or vary the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

The terms of this Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not applicable to any product purchased in a state requiring the publication of information regarding its content, information regarding the content and levels of metals in this product is available at the following website:

Virginia Agencies: No more than 0.7 lb per 1,000 sq ft of readily available nitrogen during any given 30 day period. More than 0.7 lb per 1,000 sq ft of total nitrogen with a least 20% of which shall consist of slow release nitrogen per application. Additional restrictions apply to total nitrogen applied to turf per season. Other state and local restrictions may apply.

**Spreader Settings as a Guide for Calibration**

*Note: These settings are provided as a suggested starting point in calibrating each mode of application. Individual settings are applied. Since rates and use conditions are not intended to be used as absolute recommendations by Dow AgroSciences or the spreader manufacturer. Check equipment frequently to verify calibration and proper functioning.*

<table>
<thead>
<tr>
<th>Spreader</th>
<th>Rate of Nutritive Professional Turf Fertilizer with LockUp® Herbicide</th>
<th>Settings for Spreader</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scotts R-8A</td>
<td>150 lb/acre</td>
<td>157 lb/acre</td>
</tr>
<tr>
<td>AcuPak 2000</td>
<td>J1</td>
<td>K</td>
</tr>
<tr>
<td>Precision BT-1 (CMB IV)</td>
<td>6/1</td>
<td>E/B/7</td>
</tr>
<tr>
<td>Leafield (CMR)</td>
<td>12</td>
<td>7</td>
</tr>
<tr>
<td>Cyclone Spreader</td>
<td>4.5</td>
<td>7.5</td>
</tr>
</tbody>
</table>

Average 3 mph walking speed

*Note: All calibration starting points given above are for wheel-to-wheel coverage (100%) overlap.*

**WEED RESISTANCE & MANAGEMENT**

Nutrite Professional Turf Fertilizer with LockUp® Herbicide, which contains the active ingredient pendimethalin in a Group 2 herbicide based on the mode of action classification system used by the Weed Science Society of America (WSSA). Practically implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is a best practice. A diversified weed management program includes the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and cultural practices. Research has demonstrated that using the labeled rate and cultural practices. Research has demonstrated that using the labeled rate and cultural practices. Research has demonstrated that using the labeled rate and cultural practices. Research has demonstrated that using the labeled rate and cultural practices. Research has demonstrated that using the labeled rate and cultural practices. Research has demonstrated that using the labeled rate and cultural practices.

The continued effectiveness of this product depends on the successful implementation of a weed resistance management program.

To aid in the prevention of developing weeds resistant to this product, users should:

- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- Start with a clean field, using either a burndown herbicide application or tillage.
- If using preemergence herbicides or tank mixes, control weeds early when they are relatively small.
- Apply full rate of this product for the most difficult to control weed in the field at the specified time to minimize weed escapes.
- Scout fields after application to detect weed escapes or shifts in control of weed species.
- Control weed escapes before they reproduce by seed or proliferate vegetatively.

**Scientific Name**

- *Eremochloa ophiuroides* (1)
- *Cynodon dactylon* (2)
- *Festuca arundinacea* (3)
- *Festuca ovina* (4)
- *Lolium perenne* (5)

**Nutrite Professional Turf Fertilizer with LockUp® Herbicide**

- *Bermudagrass (common or hybrid)*
- *Centipedegrass*
- *Kikuyagrass*
- *Zoysia grass*
- *Zoysia japonica*

1. Use this product on these species at a maximum rate of 175 lb (0.02 lb per 1000 sq ft) per application and only if some injury can be tolerated. A slight yellowing of turfgrass may occur within two weeks of application. Any discoloration is transient and is generally gone within four weeks of treatment under adequate growing conditions.
2. Do not apply to centipedegrass during the period of winter dormancy. Grass should be green and actively growing at application.

**Weeds Controlled or Suppressed**

Generally, application rates at the lower end of the rate range will be satisfactory for young, succulent growth of sensitive weed species. For less sensitive species, higher rates may be required under conditions where control is more difficult (plant stress conditions such as drought or extreme temperatures; dense weed stands and/or larger weeds). The higher rate within the range will be necessary when conditions are not ideal. Weeds that are absent of competition from other vegetation generally require higher rates or repeat applications to obtain satisfactory control or suppression.

<table>
<thead>
<tr>
<th>Weed</th>
<th>Rate</th>
<th>Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>bedstraw</td>
<td>medic, black morning glory</td>
<td>150 - 175</td>
</tr>
<tr>
<td>burndock</td>
<td>peppergrass</td>
<td></td>
</tr>
<tr>
<td>chickweed</td>
<td>poa</td>
<td></td>
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<tr>
<td>clover</td>
<td></td>
<td></td>
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<tr>
<td>danthonia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dock</td>
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<tr>
<td>dollarweed</td>
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<td>eclair</td>
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<td>healall</td>
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<td></td>
</tr>
<tr>
<td>ladino</td>
<td></td>
<td></td>
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<tr>
<td>knotweed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>lamb's quarters</td>
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</tbody>
</table>

** Weed Resistance & Management**

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