Brake SP Herbicide


Active Ingredients
fluridone: 1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1H)-pyridinone.................................................3.79%
H
thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
• Make sure equipment is thoroughly cleaned before reusing.
• Do not store equipment in an upright position.

Returning Unused Product
• All unused product remaining after expiration of this exemption must be returned to the distributor or to SePRO Corporation.

IN CASE OF EMERGENCY
• Call a poison control center or doctor for treatment advice.
• Notice: Read the entire label before using. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer and Misure statements inside label booklet. If terms are unacceptable, return at once unopened.

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), restricted-entry interval, and notification to workers. 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.

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

If swallowed
• Call a poison control center or doctor immediately for treatment advice.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to by a poison control center or doctor.
• Do not give anything to an unconscious person.

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

If inhaled
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.
• Call a poison control center or doctor for further treatment advice.

NOTE TO PHYSICIAN:
Probable mucosal damage may contraindicate the use of gastric lavage.

KEEP OUT OF REACH OF CHILDREN
CAUTION/ PRECAUCIÓN
Si usted no entiende la etiqueta, busque a alguien para que se lo explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

CAUTION
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EPA Section 18 File Symbol: 17NC-02
EPA Est. No. 007690-D-NC-001
FCC 20170514
SePRO Corporation 11550 North Meridian Street, Suite 800, Carmel, IN 46032 U.S.A.

Shake Well Before Using

HERBICIDE
Herbicide Net contents 2.5 gallons (Non-refillable)

Section 18 Exemption
ATTENTION
• UNREGISTERED PRODUCT. For use only pursuant to an emergency exemption as authorized under the provisions of section 18 of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended.
• This labeling becomes effective on April 25th, 2017 and expires on July 25th, 2017.
• It is a violation of Federal Law to use this product in a manner inconsistent with the conditions and provisions under this Section 18 exemption.
• These use directions must be in the possession of the user at the time of application.
• All unused product remaining after expiration of this exemption must be returned to the distributor or to SePRO Corporation.

DIRECTIONS FOR USE
For distribution and use only in North Carolina for the control of glyphosate- and PPO-resistant and susceptible biotypes of Palmer amaranth in sweet potato. 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. Ensure spray drift to non-target species does not occur.

Keep containers closed to avoid spills and contamination.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
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. 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.

If PPE is required for early entry to treated areas that is permitted under the Worker Protection Standard and involves contact with anything that has been treated, such as plants, soil, or water, it is:
- Coveralls worn over short sleeved shirt and pants;
- Chemical-resistant gloves such as barrier laminate or viton;
- Shoes plus socks, and
- Protective eyewear.
**PRODUCT INFORMATION**

Read all label directions before using. **Brake SP** is a selective preemergent herbicide with a Section 18 authorization for use on cotton, peanut, or sweet potato the following year in those fields. Depending on application rate and soil type, this product may be applied to transplanting as a surface application in coarse, medium or fine textured soils (refer to Table 2 for application rates for Brake SP). Herbicidal symptoms of this product appear as white (chlorotic) or pink growing tissue in susceptible plant species. Sweet potato is tolerant to applications of this product when applied according to the label. Some crinkling or spotting on foliage may occur, especially if heavy rainfall occurs soon after transplanting, but sweet potato plants normally outgrow these effects and develop normally.

**Use Restrictions and Precautions**

- Use this product for the control of glyphosate- and PPO-resistant and susceptible biotypes of Palmer amaranth in sweet potato. Do not apply by air.
- Do not apply through any type of irrigation system.
- Do not make more than 80 fluid ounces of this product per acre per season (equivalent to 0.2 pounds functionally active herbicide).
- Apply to transplanting sweet potato. **SePRO** does not recommend applying this product over the top of sweet potato plants as crop injury will likely occur.
- Thoroughly clean the spray system with water and a suitable tank cleaner before and after each use.
- To provide adequate coverage, it is recommended that ground speed not exceed 10 mph during application.
- Avoid spraying close to overhanging sprays as injury may occur to rotational crops.

**Rotational Crop Restrictions**

This product may be applied to soil past the sweet potato growing season. To avoid difficulties in establishing rotational crops, the following restrictions in Table 1 must be followed.

### Table 1. Rotational Crop Restrictions for Brake SP

<table>
<thead>
<tr>
<th>Crops to be planted</th>
<th>Minimum rotation interval (months after last Brake SP application)</th>
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</thead>
<tbody>
<tr>
<td>Cotton, peanut, and sweet potato</td>
<td>0 months</td>
</tr>
<tr>
<td>Soybean</td>
<td>8 months</td>
</tr>
<tr>
<td>Rice, wheat, barley, and rye</td>
<td>8 months</td>
</tr>
<tr>
<td>Corn and sorghum</td>
<td>12 months</td>
</tr>
<tr>
<td>Alfalfa, sunflower, and crops in the Solanaceae family (e.g., peppers, tobacco, tomatoes)</td>
<td>18 months</td>
</tr>
</tbody>
</table>

**Application rates and mixing**

Application rates between 64 and 80 fluid ounces per acre. Apply after the last tillage operation is completed. Moisture is necessary to activate this product in soil for residual weed control. Dry weather following applications of this product may reduce effectiveness. For best results, it is recommended to use the amount of herbicide and water volume needed for band treatment by following the formulas below.

**Spray Additives and Fertilizers: No adjuvants are needed for applications of this product. Due to differences in water quality and the numerous products available, not all adjuvants or fertilizers have been tested for compatibility with this product. Thus, a field test or mix before mixing with any other product, which is not specifically and expressly authorized by the label shall be at the exclusive risk of the user, the applicator and/or application advisor, to the extent allowed by applicable law.**

**Spray Additives**: Fertilizers: No adjuvants are needed for applications of this product. Due to differences in water quality and the numerous products available, not all adjuvants or fertilizers have been tested for compatibility with this product. Thus, it is recommended to mix before mixing with any other product, which is not specifically and expressly authorized by the label. The following table shows the direction for use in the band application method.

**Table 2. Recommended Application Rates for Brake SP**

<table>
<thead>
<tr>
<th>Rate in fluid ounces/acres</th>
<th>Application Method</th>
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<tbody>
<tr>
<td>Up to 14 days</td>
<td>Prior to transplanting sweet potato</td>
</tr>
<tr>
<td>Over 14 days</td>
<td>Prior to transplanting sweet potato</td>
</tr>
</tbody>
</table>

**APPLICATION METHODS**

- **Broadcast Soil Application**: Apply this product up to 14 days prior to transplanting sweet potato as a broadcast spray at a rate of 64 to 80 fluid ounces/acre. Apply after the last tillage operation is completed. Conduct a jar test to verify capability to activate this product in soil for residual weed control. Dry weather following applications of this product may reduce effectiveness. For best results, it is recommended to use the amount of herbicide and water volume needed for band treatment by following the formulas below.

**Band Application**: This product may be used as a banded application. When this product is applied on the treated row, the amount of herbicide and water volume needed for band treatment by following the formulas below.

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**Soil Preparation – Swath Down**: This product will not control established weeds. It is important to Start Weed Free by controlling all existing weeds prior to and/or during this product application. Depending on the type of tillage, established weeds could be covered with soil and shielded from exposure to the broadcast herbicide. Therefore, for best results, apply broadcast herbicides 24 to 96 hours prior to cultivation.

**Spray drift Management**

- **Avoid spraying at the application site is the responsibility of the applicant and the grower.** The interaction of equipment and weather-related factors determines the potential for drift to occur. Weather conditions are necessary to consider the interaction of equipment and weather-related factors to ensure that the potential for drift to sensitive nontarget plants is minimal. This product may only be applied when the wind speed is below 10 mph and/or adjacent sensitive areas (e.g., residential areas, known habitats for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas). Avoid drift to all plowed crops and fields. Unless crop species may be severely injured by drift. Do not apply under circumstances where possible drift can occur to unirrigated pastures or to food, forage, or other plantings that might be damaged or crops threatened by water or soil contamination. All equipment application must be properly maintained and calibrated using appropriate controls. For all applications, wind speed must be measured adjacent to the application site, on the upwind side, immediately prior to application.

**Recommended growing conditions**

- Do not apply when wind speed is greater than 15 MPH or during periods of temperature inversions. Do not apply when weather conditions, wind speed, or wind direction may cause spray drift to non-target areas.

**APPLICATION RATES**

- For more information or to report suspected resistance, you may contact a SePRO Corporation representative.

**Integrated Pest Management**

This product may be part of an Integrated Pest Management (IPM) program that can include biological, cultural, and genetic practices aimed at preventing economic pest damage. IPM principles and practices include field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action threshold levels for treating specific pest/crop systems in your area.