For Control of Grasses and Broadleaf Weeds (both Annual and Perennial) In Crop and Non-Crop Areas

AVENGER AG
BURNDOWN HERBICIDE

FOR ORGANIC PRODUCTION

OMRI
Listed
Organic Materials Review Institute

ACTIVE INGREDIENT: d-limonene .......... 55%
INERT INGREDIENTS: .................. 45%
Total ................................... 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

Net Contents: 1 Gallon

Manufactured by:
Cutting Edge Formulations, Inc.
3057 Summer Oak Place, Buford, GA 30519
www.avengerorganics.com
sales@avengerorganics.com

EPA Reg. No. 82052-4
EPA Est. No. 82052-GA-1

GM1205-1
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

### FIRST AID

<table>
<thead>
<tr>
<th>If on Skin or Clothing:</th>
<th>If in Eyes:</th>
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</thead>
<tbody>
<tr>
<td>• Take off contaminated clothing.</td>
<td>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes. Then continue rinsing eye.</td>
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<tr>
<td>• Rinse skin immediately with plenty of water for 15-20 minutes.</td>
<td>• Call a poison control center or doctor for treatment advice</td>
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Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**Personal Protective Equipment (PPE):**
Applicators and other handlers must wear:
- Long sleeved shirt and pants
- Shoes plus socks
- Protective eyewear
- Chemical resistant gloves such as nitrile rubber, polyvinyl chloride (PVC), and viton

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

**User Safety Recommendations:*** User should:
- Wash hands before eating, drinking, chewing gum, or using the toilet
- Remove clothing immediately if product gets inside
- Then wash thoroughly and put on clean clothing

**Combustible:** Do not use or store near heat or open flame

**Do not apply directly to water or 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 washwater or rinsate

**PHYSICAL AND CHEMICAL HAZARDS**

**ENVIRONMENTAL HAZARDS**

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### 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 intervals. The requirements in this box 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 4 hours.

PPE required for 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:
- Long sleeved shirt and pants
- Shoes plus socks
- Protective eyewear
- Chemical resistant gloves such as nitrile rubber, polyvinyl chloride (PVC), and viton

### Non-Agricultural Use Requirements

The requirements in 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. Keep children and pets out of the treated areas until sprays have dried.

**Product Information:** AvengerAG® is a broad spectrum weed killer that contains a citrus extract. It is non-selective and controls most annual and perennial weeds, both grasses and broadleaves. For best performance, complete coverage of target weeds is necessary. The product does not translocate. It will affect only those portions of plants that are coated with the spray solution. Spray until thoroughly wet.

**Environmental Conditions:** AvengerAG® is effective over a wide range of environmental conditions. Cool weather may slow the activity of AvengerAG®. For best results, spray when ambient high temperatures are expected above 50°F and lows above freezing. On cooler days, spray during the warm part of the day.

**Allow heavy dew to evaporate prior to AvengerAG® applications.** Do not apply if windy conditions exist or rain is expected within 2 hours.

**Spray Drift Management:** Do not allow the herbicide solution to contact desirable vegetation as small amounts can cause severe damage to crops and other desirable plants.

**Mixing of AvengerAG®:** Fill the spray tank 1/2 full with clean water. Add AvengerAG® while agitating. Then fill remainder with water.

**Tank Mixing of AvengerAG®:** Fill the spray tank 1/2 full with clean water. Add any dry formulations and then liquid formulations to the tank. Add AvengerAG® while agitating. Then fill remainder with water.

**Tank Mix Combinations:** When AvengerAG® is used in combination with any other product, refer to the respective product labels for rates and methods of application, proper timing, restrictions and precautions.

**Compatibility Testing:** If the compatibility with another product is not known, a jar test or physical compatibility study should be conducted before tank mixtures are made.
Application Instructions and Rates
Mix this product in clean water and apply to the foliage of vegetation to be controlled. Spray until weeds are thoroughly wet. A minimum spray volume of 60 gallons per acre is recommended. Because the underside of the weed leaf may be more susceptible, side sprays are recommended.

Do not apply this product through any type of irrigation system or by aerial application.

Broadcast Applications
Apply Avenger AG at a ratio of 1 part Avenger AG into 5 parts of water (see Table 1).

| Table 1 - Broadcast Application: Mixing Rates for 1:8 Dilution |
|------------------|------------------|
| Final Spray Volume | Amount of Avenger AG 1:8 ratio (14% dilution rate)* |
| 1 gal            | 20 fl. oz. |
| 60 gal           | 8 1/2 gal. |
| 100 gal          | 14 gal.     |

*Percent Avenger AG Burndown Herbicide in water (Equivalent to 8% d-limonene active ingredient in water.)

A minimum spray volume of 60 gallons per acre is recommended. Spray until thoroughly wet. Do not exceed 8 1/2 gallons of Avenger AG per acre per application.

Spot Applications (Spot Treatments)
In cool situations or for tough to kill weeds, a more concentrated spray may be needed. In such situations, spot treatments with a 20% dilution rate of Avenger AG, a ratio of 1 part Avenger AG into 4 parts of water may be used up to one (1) week before harvest (see Table 2). Do not exceed 8 1/2 gallons of Avenger AG per acre per application.

| Table 2 - Spot Application: Mixing Rates for 1:4 Dilution |
|------------------|------------------|
| Final Spray Volume | Amount of Avenger AG 1:4 ratio (20% dilution rate)* |
| 1 gal            | 26 fl. oz. |
| 60 gal           | 12 gal.       |
| 100 gal          | 20 gal.       |

*Percent Avenger AG Burndown Herbicide in water (Equivalent to 11% d-limonene active ingredient in water.)

Spray directly on weeds (or apply with hooded spray equipment or mist blowers or any other application techniques which may result in drift on to desirable vegetation. Do not allow spray solution to drip splash or drift on to desirable vegetation. Small amounts can cause severe damage to crops. Use low drift, low pressure nozzles.

These procedures will also reduce the potential for off-target drift and crop injury:
- Spray hoods must be operated on the ground or skimming across ground surface
- Operate at ground speeds of no greater than 5 miles per hour to avoid bouncing of the spray hoods
- Apply when wind speeds are 10 miles per hour or less

Avenger AG is intended for non-selective weed control in and around all crop and non-crop areas.

CROPS

<table>
<thead>
<tr>
<th>Crop</th>
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<th>Spot Treatment Instructions</th>
<th>Precautions and other Comments</th>
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<tr>
<td>Bearing Tree, Vine and Berry Crops: Berries, Citrus, Grapes (wine, table, raisin) Nuts, Pome Fruit, Stone Fruit</td>
<td>Apply at a 14% dilution rate of Avenger AG, a ratio of 1 part Avenger AG into 5 parts of water (see Table 1). Do not exceed 8 1/2 gallons of Avenger AG per acre per application. A minimum spray volume of 60 gallons per acre is recommended.</td>
<td>In cool situations or for tough to kill weeds, a more concentrated spray may be needed. In such situations, spot treatments with a 20% dilution rate of Avenger AG, a ratio of 1 part Avenger AG into 4 parts of water may be used up to one (1) week before harvest (see Table 2). Do not exceed 8 1/2 gallons of Avenger AG per acre per application.</td>
<td>Do not apply this product through any type of irrigation system or by aerial application. Spray until weeds are thoroughly wet. Follow directions for Minimizing Spray drift. Avoid contact of herbicide solution, spray drift or mist with foliage, green bark of trunk or branches, fruit or other parts of trees, cane and vines.</td>
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<tr>
<td>Non-Bearing Tree, Vine and Berry Crops: Berries, Citrus, Grapes (wine, table, raisin) Nuts, Pome Fruit, Stone Fruit</td>
<td>Apply at a 14% dilution rate of Avenger AG, a ratio of 1 part Avenger AG into 5 parts of water (see Table 1). Do not exceed 8 1/2 gallons of Avenger AG per acre per application. A minimum spray volume of 60 gallons per acre is recommended.</td>
<td>Not Applicable</td>
<td>Do not apply this product through any type of irrigation system or by aerial application. Spray until weeds are thoroughly wet. Follow directions for Minimizing Spray drift. Avoid contact of herbicide solution, spray drift or mist with foliage, green bark of trunk or branches, fruit or other parts of trees, cane and vines.</td>
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CROPS (continued)

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| Vegetable Crops:  
   Brassica (cole)  
   Vegetables  
   Fruiting Vegetables  
   Leafy Vegetables  
   Legume Vegetables  
   Root and Tuber Vegetables | Make pre-emergence or at planting applications of AverneAG, or apply to burn down winter foliage; applications must be made before seedling emergence to avoid severe injury. Allow at least 2 days between application and transplanting. Apply at a 14% dilution rate of AverneAG, a ratio of 1 part AverneAG into 6 parts of water (see Table 1). Do not exceed 8 1/2 gallons of AverneAG per acre per application. A minimum spray volume of 90 gallons per acre is recommended. | In cool climates or for tough to kill weeds, a more concentrated spray may be needed. In such situations, spot treatments with a 20% dilution rate of AverneAG, a ratio of 1 part AverneAG into 4 parts of water may be used (see Table 2). Do not exceed 8 1/2 gallons of AverneAG per acre per application. | Do not apply this product through any type of irrigation system or by aerial application. Spray until weeds are thoroughly wet. Follow directions for minimizing spray drift. Avoid contact of herbicide solution, spray drift or mist with foliage. |
| Herbs and Spices: | Make pre-emergence or at planting applications of AverneAG, or apply to burn down winter foliage; applications must be made before seedling emergence to avoid severe injury. Allow at least 2 days between application and transplanting. Apply at a 14% dilution rate of AverneAG, a ratio of 1 part AverneAG into 6 parts of water (see Table 1). Do not exceed 8 1/2 gallons of AverneAG per acre per application. A minimum spray volume of 90 gallons per acre is recommended. | In cool climates or for tough to kill weeds, a more concentrated spray may be needed. In such situations, spot treatments with a 20% dilution rate of AverneAG, a ratio of 1 part AverneAG into 4 parts of water may be used (see Table 2). Do not exceed 8 1/2 gallons of AverneAG per acre per application. | Do not apply this product through any type of irrigation system or by aerial application. Spray until weeds are thoroughly wet. Follow directions for minimizing spray drift. Avoid contact of herbicide solution, spray drift or mist with foliage. |
| Non-Crop Areas:  
   Including borders, driveways, sidewalks, around mature landscaping, trees, shrubs, foliage and ornamentals, around buildings, in greenhouses and nurseries, and around flower beds | Apply at a 14% dilution rate of AverneAG, a ratio of 1 part AverneAG into 6 parts of water (see Table 1). Do not exceed 8 1/2 gallons of AverneAG per acre per application. A minimum spray volume of 90 gallons per acre is recommended. | In cool climates or for tough to kill weeds, a more concentrated spray may be needed. In such situations, spot treatments with a 20% dilution rate of AverneAG, a ratio of 1 part AverneAG into 4 parts of water may be used (see Table 2). Do not exceed 8 1/2 gallons of AverneAG per acre per application. | Do not apply this product through any type of irrigation system or by aerial application. Spray until weeds are thoroughly wet. Follow directions for minimizing spray drift. Avoid contact of herbicide solution, spray drift or mist with foliage. |

**STORAGE AND DISPOSAL**

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

Pesticide Storage: Store in a cool, dry place and in such a manner to prevent cross contamination with other pesticides, fertilizers, food and feed Store in original container and out of the reach of children, preferably in a locked storage area

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

Container Disposal: Non-refillable container. Do not reuse or refill this container Offer for recycling, if available. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container full with water and recap. Shake for 10 seconds. Pour mixture into application equipment or a mix tank or store rinse water for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Conditions of Sale and Warranty**

The Directions For Use of this product reflects the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, 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 factors such as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling. All of which are beyond the control of Cuttine Edge Formulations or the Seller. All such risks are assumed by the Buyer.

To the extent consistent with applicable law, Cuttine Edge Formulations warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use, subject to the inherent risks referred to above. To the extent consistent with applicable law, Cuttine Edge Formulations makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. To the extent consistent with applicable law, no case shall Cuttine Edge Formulations or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. To the extent consistent with applicable law, Cuttine Edge Formulations and the Seller offer this product, and the Buyer and user accept the same subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of Cuttine Edge Formulations. AverneAG is a registered trademark of Cuttine Edge Formulations, Inc.