

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505T) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

Ivania Ave., N.W.

45002-60

EPA Reg. Number:

Date of Issuance:

9/22/23

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:
Unconditional

Name of Pesticide Product:

Clomate 3ME

Name and Address of Registrant (include ZIP Code):

Albaugh, LLC 1525 NE 36th Street Ankeny, IA 50021

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration/registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
- 2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. You have 18 months from the date of registration to provide these data.

Continues page 2

Signature of Approving Official:	Date:
Heather McFarley, Product Manager 24 Fungicide & Herbicide Branch, Registration Division (7505T)	9/22/23

EPA Form 8570-6

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- 3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 45002-60."
- 4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

Basic CSF dated 02/10/2022

If you have any questions, please contact Francisco Llarena-Arias at 202-566-2816 or at <u>llarena-arias.francisco@epa.gov</u>.

#### Enclosure:

Accepted label

### ACCEPTED

09/22/2023

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No.

45002-60

CLOMAZONE GROUP 13 HERBICIDE

### **CLOMATE 3ME**

For Agricultural and Commercial Use Only NOT FOR USE IN CALIFORNIA

For control of weeds on Bean (dry and succulent), Brassica head and stem vegetable group 5-16, Chinese broccoli, Cottonseed subgroup 20C, Cucurbit Vegetables Crop Group 9, Herb Subgroup 19A, Kohlrabi, Peas (Succulent), Peppermint tops, Peppers, Rapeseed (canola varieties only), Rhubarb, Rice, Soybeans, Spearmint tops, Stalk and Stem Vegetable Subgroup 22A except kohlrabi, Sugarcane, Tobacco, Tuberous and Corm Vegetables subgroup 1D except Potato, and Vegetable Soybean (Edamame).

#### **ACTIVE INGREDIENT:**

Clomazone: 2-(2-Chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone

30.51% 69.49%

OTHER INGREDIENTS:

100.00%

**TOTAL:**Contains 3.0 pounds of active ingredient per gallon.

This product contains sodium nitrate

# KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a algulen para que se la explique a usted en detalle. (If you **do not** understand the label, find someone to explain it to you in detail.)

FIRST AID		
If Swallowed:	Call a poison control center or doctor immediately for treatment advice.	
	Have person sip a glass of water if able to swallow.	
	• <b>DO NOT</b> induce vomiting unless told to do so 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 15-20 minutes.	
	Call a poison control center or doctor for treatment advice.	
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.	
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	

**HOTLINE NUMBER:** For non-emergency questions regarding exposure to this product, call 1-888-347-6732 (7 days/week, 24-hr/day). For medical emergencies, call the poison control center at 1-800-222-1222. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See inside label booklet for additional PRECAUTIONARY STATEMENTS and DIRECTIONS FOR USE.

EPA Reg. No. 45002	EPA Est. No
Net Contents: (gallons)	

Manufactured [for][by]: Albaugh, LLC 1525 NE 36<sup>th</sup> Street Ankeny, IA 50021

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

#### **Personal Protective Equipment:**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Chemical-resistant gloves composed of Barrier Laminate, Butyl Rubber > 14 mils, Nitrile Rubber > 14 mils, or Viton > 14 mils
- Shoes plus socks

#### **User Safety Requirements:**

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

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### **USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

**DO NOT** apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** apply when weather conditions favor drift from the area treated. **DO NOT** apply where runoff is likely to occur. **DO NOT** contaminate water when disposing of equipment washwaters or rinsate. Apply this product only as specified on this label.

#### PHYSICAL/CHEMICAL HAZARDS

**DO NOT** use or store near open flame.

**Non-Target Organism Advisory Statement:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

#### **PRECAUTIONS**

Off-site movement of spray drift or vapors of this product can cause foliar whitening or yellowing of some plants.

#### **DIRECTIONS FOR USE**

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

- DO NOT apply this product by air or through any type of irrigation system.
- **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.
- Prior to making applications, read and strictly follow all precautions and instructions in the APPLICATION DIRECTIONS, BUFFER & APPLICATION RESTRICTIONS and MANDATORY SPRAY DRIFT sections.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls; Chemical-resistant gloves; Barrier Laminate or Butyl Rubber, or Nitrile Rubber or Viton; Shoes plus socks.

#### WEED RESISTANCE MANAGEMENT

Clomate 3ME, which contains the active ingredient clomazone, is a group 13 herbicide based on the mode of action classification system of the Weed Science Society of America.

Proactively 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 may include the use of multiple herbicides with different sites 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 directions for use is important to delay the selection for resistance.

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.
- Control weeds early when they are relatively small (less than 4 inches) with a burndown herbicide.
- To minimize resistance, apply full labeled rates of Clomate 3ME.
- 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.
- Report any incidence of non-performance of this product against a particular weed to your Albaugh, LLC representative, local retailer, or county extension agent.
- Contact your Albaugh, LLC representative, crop advisor, or extension agent to find out if suspected resistant weeds to
  this MOA have been found in your region. If resistant biotypes of target weeds have been reported, use the application
  rates of this product specified for your local conditions. Tank mix products so that there are multiple effective sites of
  actions for each target weed.
- If resistance is suspected, treat weed escapes with an herbicide having a site of action other than Group 13 and/or use nonchemical methods to remove escapes, as practical, with the goal of preventing further seed production.
- Suspected herbicide-resistant weeds may be identified by these indicators:
  - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
  - o A spreading patch of non-controlled plants of a particular weed species; and
  - Surviving plants mixed with controlled individuals of the same species.

Additionally, users should follow as many of the following herbicide resistance management practices as is practical:

- Use a broad-spectrum soil-applied herbicide with other sites of action as a foundation in a weed control program.
- Utilize seguential applications of herbicides with alternative sites of action.
- Rotate the use of this product with non-Group 13 herbicides.
- Avoid making more than two applications of this product and any other Group 13 herbicides within a single growing season unless mixed with an herbicide with a different site of action with an overlapping spectrum for the difficult-tocontrol weeds.

- Incorporate non-chemical weed control practices, such as mechanical cultivation, crop rotation, cover crops and weed-free crop seeds, as part of an integrated weed control program.
- Use good agronomic principles that enhance crop development and crop competitiveness.
- Thoroughly clean plant residues from equipment before leaving fields suspected to contain resistant weeds.
- Manage weeds in and around fields, during and after harvest to reduce weed seed production.

#### MIXING AND HANDLING INSTRUCTIONS FOR BULK/MINI-BULK CONTAINERS

**Equipment Requirements:** 

This product is a microencapsulated herbicide and requires a diaphragm type pump in order to maintain product quality. **DO NOT use gear or piston-type pumps.** 

#### Dispensing Instructions:

When ready to dispense this product from the container, the applicator needs to recirculate the product in the container, if the product has settled or separated, for approximately 5 minutes or until the product is thoroughly turned over. Once the product is thoroughly recirculated the applicator may then begin the process of dispensing this product into the spray tank, loading or mixing system.

The dealer/applicator must wear proper clothing as listed on this product's label.

#### 250 / 265 gallon IBC and Bulk Containers

**Equipment Requirements:** 

This product is a microencapsulated herbicide and requires a diaphragm type pump in order to maintain product quality. **DO NOT use gear or piston-type pumps.** The following pumps are suitable for moving this product from the IBC and bulk containers into spray tanks, mixing systems, or dedicated repackaging minibulk tanks\*:

Tuthill Fill-Rite Chemtraveller portable transfer pump Scienco Caddy-SS portable transfer pump Scienco DD6 pump Tuthill Fill-Rite Series 400 diaphragm pumps

#### **Dispensing Instructions:**

When ready to dispense this product from the container, the dealer/applicator must recirculate the product in the container, for at least 15 minutes. This can be done by hooking a portable pump such as listed above to the bottom bung, opening the valve and directing the outlet nozzle into the 6" top port (seal must be broken). Directing the nozzle stream into the corners will ensure more complete turning of the product volume. Once the product is thoroughly circulated, the dealer/applicator may then begin the process of dispensing this product into the dedicated repackaging minibulk container(s)\*, or spray tank, loading or mixing system. Rinse the empty container and transfer the rinsate directly to the mix or spray tank.

The dealer/applicator must wear proper clothing as listed on this product's label.

- **DO NOT** use gear or piston-type pumps.
- The dealer/applicator must wear proper clothing as listed on this product's label.

<sup>\*</sup> Any dealer wishing to repackage this product must comply with all Federal, State and local laws pertaining to bulk herbicide handling and possess a signed repackaging agreement from Albaugh, LLC.

## APPLICATION DIRECTIONS IMPORTANT

## FAILURE TO OBSERVE THE DIRECTIONS IN THIS SECTION OF THE LABE MAY RESULT IN INJURY TO SENSITIVE PLANTS.

- The microencapsulation of clomazone, the active ingredient in Clomate 3ME, is intended to minimize movement away
  from the site of application. Avoid making applications when spray particles may be carried by air currents to areas
  where sensitive crops and plants are growing. Leave an adequate buffer zone between the area to be treated and
  desirable plants.
- PRECAUTIONS: Foliar contact with spray drift or vapors may cause foliar whitening or yellowing of sensitive plants. Symptoms are generally temporary in nature but may persist on some plant species.

#### Application restrictions must be taken as follows:

- Observe all buffer restrictions.
- Before application, determine air movement and direction.

Refer to individual crop use directions for additional requirements.

#### **BUFFER RESTRICTIONS**

- DO NOT apply within 300 feet of downwind crops and desirable non-target plants.
- **DO NOT** apply within 1,200 feet of Towns and Housing Developments, Commercial Fruit, Nut, or Vegetable Production<sup>1</sup>, Commercial Greenhouses or Nurseries.

#### **APPLICATION RESTRICTIONS**

- DO NOT apply this product by air or through irrigation equipment.
- DO NOT apply this product to non-field areas including fence rows, waterways, ditches, and roadsides.
- When moving spray equipment to noncontiguous sites, DO NOT allow spray solution to spray or drip from tanks, hoses, fittings or spray nozzles and tips.
- DO NOT apply when weather conditions favor drift.

#### MANDATORY SPRAY DRIFT MANAGEMENT

#### **Ground Boom Applications:**

- User must only apply with the nozzle height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators are required to use a Coarse or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

#### **SPRAY DRIFT MANAGEMENT ADVISORIES**

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

#### IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### **Controlling Droplet Size – Ground Boom**

- Volume Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest
  practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher
  flow rate.
- **Pressure** Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to
  reduce drift.

#### **BOOM HEIGHT - Ground Boom**

For ground equipment, the boom should remain level with the crop and have minimal bounce.

<sup>&</sup>lt;sup>1</sup> Except for vegetable crops registered for use on this product's label.

#### SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

#### **TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

#### **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or 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. Avoid applications during temperature inversions.

#### **WIND**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

#### ROTATIONAL CROPPING PRECAUTIONS

Under some conditions, temporary whitening or yellowing of leaves may occur on approved rotational crops where undesirable soil residues of this product exist.

Under abnormal conditions, carryover injury to rotational crops can occur. The following factors can contribute to increased risk of injury to rotational crops:

- 1) Over-application resulting from use of worn nozzles, excessive over-lapping of spray swaths, failing to shut off spray booms when turning (end row areas), or slowing or stopping sprayer.
- 2) Soil with pH less than or equal to 5.9.
- 3) Extreme dryness in the four months following application.
- 4) Choice of rotational crop hybrid.

Additional instructions to prevent rotational crop injury may be provided in the form of service bulletins for locations where risk of injury is significantly increased due to extremely dry conditions.

Refer to Rotational Crop Instructions and Replanting Instructions of specific crops for additional crop planting information.

#### **SPRAYER CLEANUP**

**DO NOT** drain or flush equipment on or near desirable trees or other plants, or in areas where their roots may extend or in locations where the chemical may be washed or move into contact with their roots. **DO NOT** contaminate any body of water including irrigation water that may be used on other crops. Carefully follow sprayer clean-up instructions noted below to prevent spray tank residues from damaging other crops.

Sprayer equipment need to be thoroughly rinsed to remove residues of herbicide that might injure other subsequently sprayed crops. The steps below need to be followed for the thorough rinsing of spray equipment following applications of this product or tank mixes of this product with other labeled products.

- 1) Drain any remaining spray solution from tank, pump, hoses and boom and discard in an approved manner (See Note that follows).
- 2) Clean tank and fittings by:
  - Thoroughly hosing down the inside walls of the spray tank with a quantity of water equal to 1/8 of the total tank capacity and operating the pump to circulate this solution through the sprayer system for 15 minutes.
  - Washing down the outside surfaces of equipment.
  - Removing nozzle tip and screen from end nozzle in each boom section and allowing several gallons of rinsate solution to flush completely through boom (collect rinsate while flushing).
- 3) Thoroughly drain remaining rinsate solution from tank, pump and hoses. Combine with boom flushing and dispose of all rinsates from this first rinsing in an approved manner (see Note that follows).

- When switching from water dilutions to applications utilizing crop oil or liquid fertilizer as a carrier, a small volume
  of crop oil or liquid fertilizer need to be flushed through the tank, pump, hoses, and boom prior to the next use.
  Dispose of crop oil or liquid fertilizer rinsate in an approved manner (see Note for local, state and federal guidelines).
- 4) Remove the remaining nozzle tips, and screens and the line filter and wash in a pail of warm soapy water, thoroughly rinse and replace.
- 5) Hose down the inside walls of the spray tank a second time and circulate this solution using the same procedure as noted in #2 above.
- 6) If the next use of the sprayer will be for applying a pre-emergent or preplant incorporated pesticide on any crop for which this product is registered, rinsate from this second rinsing may be utilized by diluting with the water for the next pesticide load;

#### **HOWEVER**

If the next use of the sprayer will be a post-emergence applied pesticide on any crop, drain rinsate solution from this second rinsing. Retain rinsate solution for use only with a soil incorporated pesticide to be applied on a crop for which this product is registered. Refill tank (after draining second rinsate solution) in accordance with post-emergence product label directions.

**NOTE:** Dispose of excess spray mixture and/or rinsate from first tank rinsing by application to cropland as described on this label. If excess spray mixture and/or rinsate from first rinsing cannot be disposed of according to label instructions, dispose of in compliance with local, state and federal guidelines. Contact your state pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office for guidance.

#### MIXING INSTRUCTIONS

Care must be taken when mixing this product. Avoid mixing in areas adjacent to desirable plants.

**This Product Alone:** Mix this product with water or liquid fertilizer in the following manner: Fill the spray tank one-half to three-fourths full with water or liquid fertilizer, add the proper amount of this product, then add the rest of the water or liquid fertilizer. Provide sufficient agitation during mixing and application to maintain a uniform spray mixture.

**Tank Mixtures:** It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Fill spray tank one-fourth to one-third full with water; with agitator operating add the specified amount of ingredients using the following order: dry formulations (e.g., wettable powders, dry flowables) first, liquid suspensions (e.g., flowables) next and finally liquids (e.g., EC's). Mix thoroughly and fill tank one-half full continuing agitation. Add this product to tank while maintaining agitation. Complete filling the sprayer tank with water. Where use of a surfactant is advised, add as the last ingredient to the spray tank. Maintain agitation during filling, mixing and application. When using drift reducing agents, follow specific product label instructions for order of addition to spray tank.

**Fertilizer Spray Mixtures:** Applications of this product alone, or with advised tank mixtures, in conjunction with fertilizer solutions may be used unless use directions specifically state otherwise. Small quantities need to be tested for compatibility by the following procedure before mixing tank full quantities.

- 1) Put 1 pint of fertilizer solution in a quart jar.
- 2) Add the appropriate amount of herbicide based on the table below. If more than one product is to be used, add each separately using the following sequence: dry formulations (e.g., wettable powders, dry flowables) first, liquid suspensions (e.g., flowables) next and finally liquids (e.g., EC's).

Herbicide	Rate/Acre	Amount to be Added per Pint of Fluid Fertilizer*
Wettable Powders or Dry Flowables	0.5 Pound	0.75 Level Teaspoon
(Dry Granules)	1 Pound	1.5 Level Teaspoons
	2 Pounds	3 Level Teaspoons
	3 Pounds	4.5 Level Teaspoons
Emulsifiable Concentrates or Flowables	1 Pint	0.5 Level Teaspoons
	1 Quart	1 Level Teaspoons
	2 Quarts	2 Level Teaspoons
	3 Quarts	3 Level Teaspoons

<sup>\*</sup> Based on a spray volume of 25 gpa. For lower or higher spray volumes, adjust fluid fertilizer quantity accordingly.

- 3) Close jar and shake well.
- 4) Watch mixture for several seconds, again in 5 minutes and again after 30 minutes. If herbicide/fertilizer combination remains mixed or can be remixed readily (i.e., does not permanently separate, foam, gel or become lumpy), the mixture is compatible and can be mixed in full volumes and sprayed. If the mixture is compatible, prepare spray by adding fertilizer solution to the tank first, then follow directions noted below:
  - 1. **This Product Alone:** Dilute with 2 parts of water and add slowly to spray tank of fertilizer with agitator running. Maintain agitation during application.
  - 2. **This Product plus Tank Mixtures:** Dilute individual products with two (2) parts of water, then add to the spray tank of fertilizer, while maintaining agitation, using the following order—slurry of dry formulations (wettable powders, dry flowables) first, diluted liquid formulations (EC's, flowables) second. Continue agitation during application.

#### PRODUCT USE RATE TO ACTIVE INGREDIENT CONVERSION CHART

Amount of CLOMATE 3 ME in Fluid Ounces per Acre	Amount of Al Clomazone in Pound(s) per Acre
3.2	0.075
4	0.094
4.7	0.11
6	0.14
6.4	0.15
7.3	0.17
8.1	0.19
8.5	0.2
10.7	0.25
11.1	0.26
12.8	0.3
14.1	0.33
14.9	0.35
16.2	0.38
17.7	0.4
20.1	0.47
21.3	0.5
24	0.56
26.9	0.63
28.2	0.66
32	0.75
34.1	0.8
35.8	0.84
40.1	0.94
42.7	1
48	1.12
53.3	1.25
64	1.5

#### **APPLICATION INSTRUCTIONS**

#### **GROUND APPLICATIONS**

**Broadcast or Banded Applications:** Apply this product alone or in tank mix combinations by ground equipment using a finished spray volume of 10 to 40 gallons of water per acre. Use nozzles suitable for broadcast boom or banded application of herbicides. See "APPLICATION DIRECTIONS", "BUFFER & APPLICATION RESTRICTIONS and MANDATORY SPRAY DRIFT sections for specific instructions to reduce spray drift. For this product, tank mixtures with wettable powder or dry flowable formulations, nozzle screens and strainers need to be no finer than 50-mesh.

This product may be used as a pre-emergent soil surface applied treatment from 30 days before planting to just prior to crop emergence. If field conditions indicate the need for additional seedbed preparation, the use of equipment which will move the herbicide no deeper than  $1 \frac{1}{2} - 2$ " is acceptable.

Banded Applications – Calculate the rates and volumes required by using the following formulas:

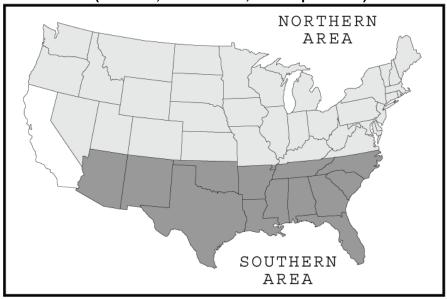
$$\left(\frac{Band\ Width\ in\ Inches}{Row\ Width\ in\ Inches}\right)$$
 x Broadcast Rate per Acre = Band\ Rate per Acre

$$\left(\frac{Band\ Width\ in\ Inches}{Row\ Width\ in\ Inches}\right)\ x\ Broadcast\ Volume\ per\ Acre = Band\ Volume\ per\ Acre$$

#### **CULTIVATION AFTER PLANTING**

If cultivation is necessary because of soil crusting, compaction, or weed emergence, soil treated with this product may be shallow-cultivated (no deeper than 1 ½ - 2") or rotary-hoed without reducing the weed control activity of this product. Avoid deep cultivation which may bring untreated soil to the surface and result in poor weed control.

IMAGE 1: GEOGRAPHICAL AREAS (For rates, weed control, and crop rotation):



<sup>\*</sup> Southern area includes Missouri bootheel which incorporates the following counties: Butler, Dunklin, Mississippi, New Madrid, Pemiscot, Scott, and Stoddard.

#### **ROW CROPS**

#### COTTONSEED SUBGROUP 20C: Cotton, Cottonseed; cultivars, hybrids, and/or varieties of these

#### PRODUCT INFORMATION

This product may be applied, as a pre-emergent banded or broadcast treatment in conventional tillage or conservation tillage systems for the control of annual grasses and broadleaf weeds in (cottonseed subgroup 20C) that includes cotton, cottonseed, cultivars, hybrids, and/or varieties.

#### APPLIED IN COMBINATIONS FOR COTTON RESTRICTIONS

**DO NOT** incorporate tank mixtures of this product and other products.

#### REQUIREMENTS FOR PLANTING TIME APPLICATIONS

Failure to apply either disulfoton or phorate insecticides with this product in accordance with in furrow label use directions can result in crop phytotoxicity (bleaching) and/or stand reduction. Combinations of at planting systemic granular carbamate and organophosphate insecticides in conjunction with this product may result in injury to cotton. Crop injury may occur with higher rates of this product on sandy soils. Diuron is not advised at planting when this product is used as plant injury may result.

Refer to the insecticide product labels for appropriate in-furrow application directions and maximum use rates. Monitor application equipment to insure accurate and uniform placement of the insecticide.

#### **Pre-Emergent Banded Applications**

For pre-emergent banded treatments, refer to the directions for banded applications in the APPLICATION INSTRUCTIONS section.

#### **Replanting Instructions**

If the initial planting of cotton fails to produce a uniform stand, cotton may be replanted in fields treated with this product alone. When tank mixing with a labeled product, refer to the replant instructions for that product. **DO NOT** replant treated fields with any crop at intervals that are inconsistent with the ROTATIONAL CROP RESTRICTIONS on this product's label. Where a tank mix is used, refer to the product's labels for any additional replant instructions.

If replanting is required, follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS noted above.

#### **Clomate 3ME APPLIED ALONE**

RATES AND WEEDS CONTROLLED1

GRASSES			
21.3 fl. oz. (0.5 lb A.l.)	32 fl. oz. (0.75 lb A.l.)	42.7 fl. oz. (1.0 lb A.l.)	53.3 fl. oz. (1.25 lb A.l.)
Suppression of some annual grasses	Barnyardgrass Broadleaf Signalgrass CrabgrassLargeSmooth FoxtailGiantGreen Goosegrass PanicumCommonFallTexas Seedling Johnsongrass Field Sandbur*	All grasses controlled at 32 fl. oz. PLUS: CupgrassSouthwesternWoolly Field Sandbar Bermudagrass* Red Rice* Itchgrass <sup>3</sup>	All grasses controlled at 42.7 fl. oz. PLUS: FoxtailPurpleRobustYellow Junglerice* Shattercane* Wild Prosco Millet*

BROADLEAVES			
21.3 fl. oz. <sup>2</sup>	32 fl. oz.	42.7 fl. oz.	53.3 fl. oz.
(0.5 lb A.l.)	(0.75 lb A.I.)	(1.0 lb A.l.)	(1.25 lb A.l.)
Velvetleaf	All broadleaves controlled	All broadleaves controlled	All broadleaves controlled
Spurred Anoda	at 21.3 fl. oz. PLUS:	at 32 fl. oz. PLUS:	at 42.7 fl. oz. PLUS:
	Common Ragweed*	Cocklebur	Balloonvine*
	Jimsonweed*	Common Ragweed	Black Nightshade*
	Lambsquarter	Dayflower	Curly Dock
	Pennsylvania Smartweed*	Florida Beggarweed	Joint Vetch*
	Prickly Sida	Florida Pusley	Kochia
	Purslane	Jimsonweed	Morningglory
	Redweed	Kochia*	Pitted
	Venice Mallow	Redvine*	Pennsylvania Smartweed
		Tropic Croton	Pigweed
		Wild Poinsettia <sup>4</sup>	Redroot*
			Smooth*

<sup>\*</sup> Partially controlled

- 2 For heavy weed pressure or heavy soils use 26.9 fluid ounces per acre to control Velvet-leaf or Spurred Anoda.
- 3 For control of itchgrass, DO NOT incorporate this product. For high weed pressure and heavy soils use 53.3 fluid ounces.
- 4 Use In AR/LA/MS/TX/OK only—for high pressure and heavy soils use 53.3 fluid ounces.

## CLOMATE 3ME MAY BE APPLIED WITH OTHER PREEMERGENT HERBICIDES REGISTERED FOR THESE USES ON COTTON.

This product may be applied in combination with other herbicides registered for use in cotton to broaden the weed control spectrum. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

<sup>1</sup> Use label rates (a minimum of 42.7 fluid ounces per acre) for fields that have previously been in conservation programs, or where heavy weed pressure is anticipated. Select lower to higher rates based on lighter to heavier soil types. For fields that have previously been in conservation programs, use a minimum application rate of 53.3 fluid ounces per acre for cocklebur or common ragweed control.

#### ROTATIONAL CROP RESTRICTIONS

Rotate to crops as listed below. Refer to sections headed "Rotational Cropping Precautions."

**Note:** When using this product with other registered herbicides always refer to rotational restrictions and directions on the other product's label.

ANYTIME				
21.3 <sup>2</sup> fl. oz. (0.5 lb A.l.)	32 fl. oz. (0.75 lb A.l.)	53.3 fl. oz. (1.25 lb A.l.)		
Cabbage (transplanted)	Cotton*	Cotton*		
Cotton*	Peppers	Soybeans		
Peas	Rice	Sweet Potato		
Peppers	Soybeans	Tobacco		
Pumpkins (processing)	Squash (winter) (32 fl. oz.)	Tuberous & Corm Vegetables		
Rice	Sweet Potato			
Soybeans	Tobacco			
Squash	Tuberous & Corm Vegetables			
Sweet Potato	Ŭ			
Tobacco				
Tuberous & Corm Vegetables				
<u> </u>	9 MONTHS	·		
All crops listed above PLUS:	All crops listed above PLUS:	All crops listed above PLUS:		
Cabbage (direct seeded)	Cabbage	Cabbage		
Corn	Corn	Corn		
Field	Field	Field		
Pop	Pop	Pop		
Seed	Seed	Seed		
Sweet	Sweet	Sweet		
Cotton	Cotton	Cotton		
Cucurbits	Cucurbits	Cucurbits		
Dry Beans	Dry Beans	Dry Beans		
Peanuts	Peanuts	Peanuts		
Potatoes	Peas	Peas		
Snap Beans	Potatoes	Peppers		
Sorghum	Pumpkins (processing)	Potatoes		
Sugar Beets	Rice	Pumpkins (processing)		
Tomatoes (transplanted)	Snap Beans	Rice		
(	Sorghum	Snap Beans		
	Squash (summer)	Sorghum		
	Sugar Beets	Squash		
	Tomatoes (transplanted)	Sugar Beets		
		Tomatoes (transplanted)		
	12 MONTHS			
All Crops	All Crops	All Crops		

Cover crops, however, may be planted anytime but stand reductions may occur in some areas.

- DO NOT apply this product within 65 days of harvest.
- **DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb ai) per acre per year.
- **DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb ai) per acre per application.
- **DO NOT** allow livestock to graze on treated cotton forage or trash, or feed treated cotton forage or trash to livestock.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.
- **DO NOT** apply this product to cotton unless either disulfoton or phorate organophosphate insecticide is applied infurrow with the seed at planting time at a minimum of 0.75 pound per acre of active ingredient.
- DO NOT reduce the application rate of the organophosphate insecticide when this product is applied as a banded treatment.
- DO NOT apply more than one application per year.

<sup>\*</sup> Refer to the section "Requirements for Planting Time Applications" and "Replanting Instructions"

#### **RICE**

#### PRODUCT INFORMATION

This product may be utilized as a surface broadcast treatment prior to weed emergence, for the control of annual grass weeds in dry-seeded rice.

#### **Pre-Emergent Surface Broadcast Applications**

This product may be applied as a surface broadcast application 14 days prior to planting or up to 7 days after planting, but prior to weed emergence, using ground equipment in a minimum of 10 to 40 gallons of water per acre at the rate of 10.7 to 34.1 fl. oz. product (0.25 to 0.8 lb. active) per acre depending upon the soil texture. Refer to table below for specific rates and weeds controlled. For heavy soils use the higher specified rate, otherwise less than desirable weed control may result.

For pre-emergent broadcast treatments, refer to the directions for broadcast applications in the APPLICATION INSTRUCTIONS section.

#### **Early Postemergence Applications**

This product may be applied after planting as an early post-emergence treatment to rice through the five leaf stage to provide preemergence and residual control of grass weeds. Use ground equipment with nozzles that produce a course spray and a minimum of 10-40 gallons of water per acre. Refer to table below for specific rates and weeds controlled. For control of existing grass present at the time of application include a post-emergence herbicide registered for the control of grass species in rice. Consult post-emergence herbicide label for specific directions regarding use rates and stage of weeds and crop.

#### **Replanting Instructions**

If initial planting of rice fails to produce a uniform stand, rice may be replanted in fields treated with Clomate 3ME. When tank mixing with a labeled product, refer to the replant instructions for that product. When a tank mix is used, refer to the product's label for any additional rotational crop instructions.

### Clomate 3ME Applied Alone - Single Application Pre-mergence or Post-emergence RATES AND WEEDS CONTROLLED

Soil Texture	Broadcast Rates per Acre
Coarse (light) Soils: sand, loamy sand, sandy loam	10.7-14.1 fl. oz. product
Oddise (light) colle. Sand, loanly sand, sandy loan	(0.25-0.33 lb ai)
Medium Soils: loam, silt, silt loam, sandy clay, sandy clay loam	17.1-21.3 fl. oz. product
	(0.4-0.5 lb ai)
Fine (heavy) Soils: silty clay, clay loam, silty clay loam, clay	21.3-34.1 fl. oz. product
Time (neavy) Sons. Siny day, day loam, siny day loam, day	(0.5-0.8 lb ai)

<sup>\*</sup> Select lower to higher rates based on lighter to heavier soils.

#### **GRASSES**

Barnyardgrass (Watergrass) Echinochloa crus-galli, E. colonum

Broadleaf signalgrass Urochloa platyphylla

Crabgrass (large and smooth) Digitaria spp.
Panicum Panicum spp.

--Common --Fall --Texas

Sprangletop Leptochloa spp.

Partial weed control may result if levees are pulled after this product has been applied. Additional use of labeled post-emerge herbicide applications may be required.

#### **SPLIT APPLICATIONS**

Both pre-emergent surface broadcast applications and early post-emergence applications (out to the five leaf stage) of this product may be made during the same season to control the above weeds as long as the total yearly application does not exceed 34.1 fl oz/A product (0.8 lb. ai/A). Refer to the table below for specific rates.

#### **Clomate 3ME Applied as Split Applications**

Soil Texture	Pre-Emergent Application Boradcast Rates per Acre	Post-Emergent Application Broadcast Rates per Acre
Coarse (light) Soils: sand, loamy sand, sandy loam	10.7 fl. oz. product (0.25 lb ai)	8.5-10.7 fl. oz. product (0.2-0.25 lb ai)
Medium Soils: loam, silt, silt loam, sandy clay, sandy clay loam	12.8-14.9 fl. oz. product (0.3-0.35 lb ai)	10.7-12.8 fl. oz. product (0.25-0.3 lb ai)
Fine (heavy) Soils: silty clay, clay loam, silty clay loam, clay	17.1-21.3 fl. oz. product (0.4-0.5 lb ai)	12.8-17.1 fl. oz. product (0.3-0.4 lb ai)

#### **PRECAUTIONS**

Application of this product to fields which have been precision leveled with deep cuts may result in rice crop injury including stand loss. Consult with rice specialists for soil amending practices which can reduce potential for herbicide injury in precision leveled fields.

#### **ROTATIONAL CROP RESTRICTIONS**

Rotate to crops as listed below. Refer to section headed "Rotational Cropping Precautions."

**Note:** When using this product with other registered herbicides always refer to rotational restrictions and directions on the other product's label.

10.7-34.1 fl. oz. (0.25-0.8 lb ai)			
ANYTIME 9 MONTHS 12 MONTHS			
Cotton*	All crops listed previously PLUS:	All crops	
Peas	Cotton		
Peppers	Corn		
Pumpkins (processing)	Field		
Rice	Pop		
Soybeans	Seed		
Squash	Sweet		
Sweet Potato	Cucurbits		
Tobacco	Dry Beans		
Tuberous & Corm Vegetables	Peanuts		
_	Potatoes		
	Snap Beans		
	Sorghum		
	Sugar Beets		
	Tomatoes (transplanted)		

Cover crops, however, may be planted anytime but stand reductions may occur in some areas.

- **DO NOT** use this treatment in water-seeded rice.
- **DO NOT** apply this product on rice fields in which concurrent crayfish or catfish farming are included in the cultural practices.
- DO NOT use water containing this product's residues from rice cultivation to irrigate food or feed crops which are not registered for use with this product.
- DO NOT apply more than 34.1 fl. oz. this product (0.8 lb clomazone) per acre per application.
- **DO NOT** apply more than 34.1 fl. oz. this product (0.8 lb clomazone) per acre per year.
- **DO NOT** apply more than one application as a pre-emerge application prior to rice emergence.
- **DO NOT** apply more than one application as a post-emergence application after rice emergence up to five leaf-rice.
- DO NOT retreat fields with a second pre-emergent application of this product.

<sup>\*</sup> Refer to the section "Requirements for Planting Time Applications" and "Replanting Instructions"

- **DO NOT** make a post application within seven days when a pre-emerge application was used.
- DO NOT replant treated fields with any crop at intervals that are inconsistent with the ROTATIONAL CROP INSTRUCTIONS on this product's label.
- DO NOT graze or harvest food or feed cover crops planted less than 9 months after treatment with this product.

#### **SOYBEANS**

#### PRODUCT INFORMATION

This product may be utilized as a pre-emergent soil applied treatment for the control of annual grass and broadleaf weeds in soybeans. This product may be surface applied prior to planting up to 3 days after planting but prior to crop emergence.

This product may be tank mixed with other pre-emergent soybean herbicides to broaden the weed control spectrum compared to the products applied alone. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Special attention must be paid to rotational cropping restrictions, potential carryover and crop injury warnings of each product's label when tank mixing.

Water or liquid fertilizer may be used as a carrier for this product when applied alone, or when tank mixed with the herbicides listed above, unless use directions specifically state otherwise.

#### APPLIED IN COMBINATIONS FOR SOYBEANS RESTRICTIONS

**DO NOT** incorporate tank mixtures of this product and other products.

#### **Replanting Instructions**

If initial seeding of soybeans fails to produce a stand, soybeans may be replanted in fields treated with this product alone (or with specified tank mixtures). When tank mixing with a labeled product, refer to the soybean replant instructions for that product.

### Soybeans - Northern Area (See Map - IMAGE 1: GEOGRAPHICAL AREAS) Clomate 3ME APPLIED ALONE

RATES AND WEEDS CONTROLLED

GRASSES			
21.3 fl. oz. (0.5 lb A.l.)	32 fl. oz. (0.75 lb A.I.)	42.7 fl. oz. (1.0 lb A.l.)	
Suppression of some annual grasses	Barnyardgrass CrabgrassLargeSmooth Field Sandbur FoxtailGiantGreenRobustYellow Goosegrass PanicumCommonFallTexas Seedling Johnsongrass*	All grasses controlled at 32 fl. oz. PLUS: Bermudagrass* Broadleaf Signalgrass CupgrassSouthwesternWoolly* Seedling Johnsongrass Shattercane* Wild Proso Millet* Field Sandbar	

BROADLEAVES		
21.3 fl. oz. <sup>2</sup> (0.5 lb A.l.)	32 fl. oz. (0.75 lb A.l.)	42.7 fl. oz. (1.0 lb A.I.)
Velvetleaf	All broadleaves controlled at 21.3 fl.	All broadleaves controlled at 32 fl. oz.
Spurred Anoda	oz. PLUS:	PLUS:
	Common Ragweed*	Black Seeded Planain
	Galinsoga	Cocklebur*
	Jimsonweed*	Common Ragweed
	Lambsquarter	Jimsonweed
	Prickly Sida	Kochia
	Purslane	Smartweed
	Smartweed*	Ladysthumb
	Ladysthumb*	Pennsylvania
	Pennsylvania*	Tropic Croton
	Venice Mallow	

<sup>\*</sup> Partially controlled

#### **ROTATIONAL CROP RESTRICTIONS**

Rotate to crops as listed below. Refer to sections headed "Rotational Cropping Precautions."

**Note:** When using this product with other registered herbicides always refer to rotational restrictions and directions on the other product's label.

ANYTIME			
21.3 fl. oz.	32 fl. oz.	42.7 fl. oz.	
(0.5 lb A.l.)	(0.75 lb A.l.)	(1.0 lb A.l.)	
Cabbage (transplanted)	Cotton*	Cotton*	
Cotton*	Peppers	Peppers	
Peas	Rice	Soybeans	
Peppers	Soybeans	Sweet Potato	
Pumpkins (processing)	Squash (winter) (32 fl. oz.)	Tobacco	
Rice	Sweet Potato	Tuberous & Corm Vegetables	
Soybeans	Tobacco	_	
Squash	Tuberous & Corm Vegetables		
Sweet Potato			
Tobacco			
Tuberous & Corm Vegetables			
3			
	9 MONTHS		
All crops listed above PLUS:	All crops listed above PLUS:	All crops listed above PLUS:	
Cabbage (direct seeded)	Cabbage	Cabbage	
Corn	Corn	Corn	
Field	Field	Field	
Pop	Pop	Pop	
Seed	Seed	Cotton	
Sweet	Sweet	Cucurbits	
Cotton	Cotton	Dry Beans	
Cucurbits	Cucurbits	Peanuts	
Dry Beans	Dry Beans	Peas	
Peanuts	Peanuts	Potatoes	
Potatoes	Peas	Pumpkins (processing)	
Snap Beans	Potatoes	Rice	
Sorghum	Pumpkins (processing)	Snap Beans	
Sugar Beets	Rice	Sorghum	
Tomatoes (transplanted)	Snap Beans	Squash	
	Sorghum	Sugar Beets	
	Squash (summer)	Tomatoes (transplanted)	
	Sugar Beets	(	
	Tomatoes (transplanted)		

<sup>1</sup> Use higher label rates (a minimum of 42.7 fluid ounces per acre) for fields that have previously been in conservation programs, or where heavy weed pressure is anticipated. Select lower to higher rates based on lighter to heavier soil types.

<sup>2</sup> For heavy weed pressure or heavy soils use 26.9 fluid ounces per acre to control Velvet-leaf or Spurred Anoda

12 MONTHS		
All crops listed above <i>PLUS</i> :	All crops listed above PLUS:	All crops listed above PLUS:
Tomatoes (all)	Tomatoes (all)	Seed Corn
Wheat	Wheat	Sweet Corn
		Tomatoes (all)
		Wheat
16 MONTHS		
All Crops	All Crops	All Crops

Cover crops, however, may be planted anytime but stand reductions may occur in some areas.

#### **RESTRICTIONS**

- DO NOT allow livestock to graze on treated soybean vines or feed treated vines or vine trash to livestock.
- **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.
- DO NOT apply more than one application per year.
- **DO NOT** replant treated fields with any crop at intervals which are inconsistent with the Rotational Crop Instructions on this label.
- **DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb. ai) per acre per application.
- **DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb. ai/A) per acre per year.

#### Soybeans - Southern Area (See Map - IMAGE 1: GEOGRAPHICAL AREAS)

#### **Clomate 3ME APPLIED ALONE**

RATES AND WEEDS CONTROLLED

42.7 fl. oz.	53.3 fl. oz.
	00.0 02.
(1.0 lb A.l.)	(1.25 lb A.l.)
All grasses controlled at 32 fl. oz. PLUS: CupgrassSouthwesternWoolly Field Sandbar Bermudagrass* Red Rice* Itchgrass3	All grasses controlled at 42.7 fl. oz. PLUS: FoxtailPurpleRobustYellow Junglerice* Shattercane* Wild Prosco Millet*
ıS	fl. oz. PLUS: CupgrassSouthwesternWoolly Field Sandbar Bermudagrass* Red Rice*

BROADLEAVES			
21.3 fl. oz. <sup>2</sup>	21.3 fl. oz. <sup>2</sup> 32 fl. oz. 42.7 fl. oz.		53.3 fl. oz.
(0.5 lb A.l.)	(0.75 lb A.l.)	(1.0 lb A.l.)	(1.25 lb A.l.)
Velvetleaf	All broadleaves controlled	All broadleaves controlled	All broadleaves controlled
Spurred Anoda	at 21.3 fl. oz. PLUS:	at 32 fl. oz. PLUS:	at 42.7 fl. oz. PLUS:
	Common Ragweed*	Cocklebur	Balloonvine*
	Jimsonweed*	Common Ragweed	Black Nightshade*
	Lambsquarter	Dayflower	Curly Dock
	Pennsylvania Smartweed*	Florida Beggarweed	Joint Vetch*
	Prickly Sida	Florida Pusley	Kochia
	Purslane	Jimsonweed	Morningglory
	Redweed	Kochia*	Pitted
	Venice Mallow	Redvine*	Pennsylvania Smartweed
		Tropic Croton	Pigweed
		Wild Poinsettia <sup>4</sup>	Redroot*
			Smooth*
			Prostrate Spurge

<sup>\*</sup> Refer to the section "Requirements for Planting Time Applications" and "Replanting Instructions" in the Cotton Directions for Use section.

- \* Partially controlled
- 1 Use label rates (a minimum of 42.7 fluid ounces per acre) for fields that have previously been in conservation programs, or where heavy weed pressure is anticipated. Select lower to higher rates based on lighter to heavier soil types. For fields that have previously been in conservation programs, use a minimum application rate of 53.3 fluid ounces per acre for cocklebur or common ragweed control.
- 2 For heavy weed pressure or heavy soils use 26.9 fluid ounces per acre to control Velvet-leaf or Spurred Anoda.
- 3 For control of itchgrass, **DO NOT** incorporate this product. For high weed pressure and heavy soils use 53.3 fluid ounces.
- 4 Use In AR/LA/MS/TX/OK only—for high pressure and heavy soils use 53.3 fluid ounces.

#### **ROTATIONAL CROP RESTRICTIONS**

Rotate to crops as listed below. Refer to sections headed "Rotational Cropping Precautions."

**Note:** When using this product with other registered herbicides always refer to rotational restrictions and directions on the other product's label.

ANYTIME					
21.3 fl. oz.					
(0.5 lb A.l.)	(0.75 to 1.0 lb A.l.)	(1.25 lb A.l.)			
Cabbage (transplanted)	Cotton*	Cotton*			
Cotton*	Peppers	Soybeans			
Peas	Rice	Sweet Potato			
Peppers	Soybeans	Tobacco			
Pumpkins (processing)	Squash (winter) (32 fl. oz.)	Tuberous & Corm Vegetables			
Rice	Sweet Potato				
Soybeans	Tobacco				
Squash	Tuberous & Corm Vegetables				
Sweet Potato					
Tobacco					
Tuberous & Corm Vegetables					
	9 MONTHS				
All crops listed above PLUS:	All crops listed above PLUS:	All crops listed above PLUS:			
Cabbage (direct seeded)	Cabbage	Cabbage			
Corn	Corn	Corn			
Field	Field	Field			
Pop	Pop	Pop			
Seed	Seed	Cotton			
Sweet	Sweet	Cucurbits			
Cotton	Cotton	Dry Beans			
Cucurbits	Cucurbits	Peanuts			
Dry Beans	Dry Beans	Peas			
Peanuts	Peanuts	Peppers			
Potatoes	Peas	Potatoes			
Snap Beans	Potatoes	Pumpkins (processing)			
Sorghum	Pumpkins (processing)	Rice			
Sugar Beets	Rice	Snap Beans			
Tomatoes (transplanted)	Snap Beans	Sorghum			
	Sorghum	Squash			
	Squash (summer)	Sugar Beets			
	Sugar Beets	Tomatoes (transplanted)			
	Tomatoes (transplanted)  12 MONTHS				
All Crops	All Crops	All Crops			
7 til O10p3	7 til 010p3	7 till O10p3			

Cover crops, however, may be planted anytime but stand reductions may occur in some areas.

- DO NOT allow livestock to graze on treated soybean vines or feed treated vines or vine trash to livestock.
- DO NOT graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.
- DO NOT apply more than one application per year.
- **DO NOT** replant treated fields with any crop at intervals which are inconsistent with the Rotational Crop Instructions on this label.

<sup>\*</sup> Refer to the section "Requirements for Planting Time Applications" and "Replanting Instructions" in the Cotton Directions for Use section.

- **DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb. ai) per acre per application.
- DO NOT apply more than 53.3 fluid ounces this product (1.25 lb. ai/A) per acre per year.

#### SUGARCANE

#### PRODUCT INFORMATION

This product may be utilized as a pre-emergent soil applied treatment for the control of annual grass and broadleaf weeds in sugarcane.

This product may be used at rates of 42.7 to 53.3 fluid ounces (1.0 to 1.25 lb. active ingredient) per acre on newly planted or ratoon sugarcane using ground equipment in a minimum of 10 to 40 gallons of water per acre. This product may be applied in late summer or early fall to newly planted sugarcane and to newly planted or ratoon sugarcane as a pre-emerge in spring through layby.

#### RESTRICTIONS

**DO NOT** replant treated fields with any crop at intervals that are inconsistent with the ROTATIONAL CROP RESTRICTIONS on this produce's label.

**DO NOT** apply more than one application per year.

**DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb. ai) per acre per application.

**DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb. ai) per acre per year.

#### **Pre-Emergent Banded Application**

For pre-emergent-banded treatments, refer to the directions for banded application in the Application Instructions section.

#### **Replanting Instructions**

If the initial planting of newly planted cane fails to produce a uniform stand sugarcane may be replanted in fields treated with Clomate3ME alone. When tank mixing with a labeled product, refer to the replant instructions for that product. Where a tank mix is used, it is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. If replanting is required, follow the directions under REQUIREMENTS FOR PLANTING TIME APPLICATIONS noted above.

#### **Clomate 3ME APPLIED ALONE**

RATES AND WEEDS CONTROLLED

GRASSES				
42.7 fl. oz. (1.0 lb A.l.)	53.3 fl. oz. (1.25 lb A.I.)			
Barnyardgrass Broadleaf Signalgrass Crabgrass (large, smooth) Cupgrass (Southwestern, Woolly) Field Sandbur Foxtail (giant, green) Goosegrass Itchgrass <sup>2</sup> Panicum (common, fall, Texas) Red Rice* Seedling Johnsongrass	All grasses controlled at 42.7 fl. oz. PLUS: Bermudagrass¹ FoxtailPurpleRobustYellow Junglerice* Shattercane* Wild Prosco Millet*			

BROADLEAVES				
	42.7 fl. oz.		53.3 fl. oz.	
	(1.0 lb A.l.)		1.25 lb A.l.)	
Velvetleaf	Lambsquarter	All broadleaves controll	ed at 42.7 fl. oz. <i>PLUS</i> :	
Spurred Anoda	Pennsylvania Smartweed*	Balloonvine*	Morningglory	
Cocklebur	Prickly Sida	Black Nightshade*	Pitted	
Common Ragweed	Purslane	Curly Dock	Pennsylvania Smartweed	
Dayflower	Redweed	Joint Vetch*	Pigweed	
Florida Beggarweed	Tropic Croton	Kochia	Redroot*	
Jimsonweed	Venice Mallow		Smooth*	
Kochia*	Wild Poinsettia			

- \* Partially controlled
- 1 For suppression, Clomate 3ME at 53.3 fl. oz. (1.25 lb ai) per acre applied immediately after planted sugarcane in late summer and early fall has been effective in delaying Bermudagrass reestablishment.
- 2 For control of itchgrass, DO NOT incorporate this product. For heavy weed population and heavy soils, use 53.3 fl. oz. (1.25 lb ai) per acre.

This product may be applied in combination with other herbicides registered for use in sugarcane, it is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

#### ROTATIONAL CROP RESTRICTIONS

Rotate crops as listed below, otherwise crop injury may occur. Refer to sections headed "Rotational Cropping Precautions" and "Product Information" for more detailed information.

**NOTE:** When using this product with other registered herbicides, it is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

	AN	IYTIME	
42.7 fl. oz. (1.0 lb A.l.)			53.3 fl. oz. (1.25 lb A.l.)
Cotton*	,	Cotton*	,
Peppers		Sugarcane	
Soybeans		Soybeans	
Sugarcane		Sweet Potato	
Sweet Potato		Tobacco	
Tobacco		Tuberous & Corm V	egetables
Tuberous & Corm Vegetables			
		ONTHS	
All crops listed abov	e PLUS:	All crops listed abov	e PLUS:
Cabbage	Peanuts	Cabbage	Peas
Corn	Peas	Corn	Peppers
Field	Potatoes	Field	Potatoes
Pop	Pumpkins (processing)	Pop	Pumpkins (processing)
Seed	Rice	Seed	Rice
Sweet	Snap Beans	Sweet	Snap Beans
Cotton	Sorghum	Cotton	Sorghum
Cucurbits	Squash (summer)	Cucurbits	Squash
Dry Beans	Sugar Beets	Dry Beans	Sugar Beets
•	Tomatoes (transplanted)	Peanuts	Tomatoes (transplanted)
	12 N	IONTHS	, ,
All Crops		All Crops	

Cover crops, however, may be planted anytime but stand reductions may occur in some areas.

- DO NOT apply more than 53.3 fluid ounces this product (1.25 lb. ai.) per acre per application.
- DO NOT apply more than 53.3 fluid ounces this product (1.25 lb. ai) per acre per year.
- **DO NOT** apply more than one application per year.
- DO NOT apply this product within 120 days prior to harvest on sugarcane for milling.
- DO NOT apply aerially or through irrigation equipment.
- DO NOT allow livestock to graze on treated sugarcane forage or trash, or feed treated sugarcane forage or trash to livestock.
- DO NOT graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.

<sup>\*</sup> Refer to the section "Requirements for Planting Time Applications" and "Replanting Instructions" in the Cotton Directions for Use section.

#### **TOBACCO**

#### PRODUCT INFORMATION

This product may be utilized as a soil applied treatment prior to weed emergence, for the control of annual grass and broadleaf weeds in tobacco.

#### PRE-EMERGENCE (Prior to Transplant)

Make a single broadcast application in a minimum of 20 gallons of water per acre at the rate of 32 to 42.7 fluid ounces (0.75-1.0 lb. ai) per acre. For heavy weed pressure or heavy soils use the higher specified rate, otherwise less than desirable weed control may result.

Apply immediately before, or up to 30 days prior to, transplanting. Apply as a surface treatment prior to emergence of weeds. If weeds emerge before pre-emergence application can be made, cultivate before or immediately preceding treatment. If field conditions indicate the need for additional seedbed preparation, the use of equipment which will move the herbicide no deeper than 1 1/2 - 2" is acceptable.

#### **PRE-EMERGENCE (Post Transplant)**

Make a single broadcast application in a minimum of 20 gallons of water per acre at the rate of 32 to 42.7 fluid ounces (0.75-1.0 lb. ai) per acre. For heavy weed pressure or heavy soils use the higher specified rate, otherwise less than desirable weed control may result. Apply no more than once per year using a maximum rate of 42.7 fluid ounces (1.0 lb. ai/A) per acre. Apply over-the-top of tobacco plants immediately, or up to 7 days after, transplanting but prior to weed emergence. If weeds emerge before application can be made, cultivate before herbicide treatment to remove existing weeds.

#### **CLOMATE 3ME COMBINATIONS FOR TOBACCO**

This product may be tank mixed with other herbicides registered for use on tobacco to broaden the weed control spectrum compared to the products applied alone. This product may also be tank mixed with other tobacco herbicides, insecticides, fungicides, and/or nematicides. When applying mixtures of this product plus other tobacco pesticides, it is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Water or liquid fertilizer may be used as a carrier for this product when applied alone, or when tank mixed with other tobacco pesticides unless label use directions/restrictions specifically state otherwise. Refer back to Mixing Instructions for tank mixing information.

#### TOBACCO REPLANTING INSTRUCTIONS

If initial transplanting fails to produce a uniform stand, tobacco may be replanted in a field treated with this product alone. When tank mixing with a labeled product, refer to the replant instructions for that product. Where a tank mixture was used refer to all product labels for any additional replant instructions.

#### Clomate 3ME APPLIED ALONE RATES AND WEEDS CONTROLLED

Weeds controlled (by rate) are as listed under Soybean for Northern and Southern areas.

#### **TOBACCO ROTATIONAL CROP RESTRICTIONS**

Rotate to crops as listed under Soybean Rotational Crop Restrictions.

Cover crops may be planted anytime but stand reductions may occur in some areas. **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.

#### **TOBACCO RESTRICTIONS**

- DO NOT apply this more than one application per year.
- DO NOT use on Tobacco Seedling Beds.
- DO NOT replant treated fields with any crop at intervals which are inconsistent with the Rotational Crop Restrictions on this product's label.
- DO NOT apply more than 42.7 fluid ounces this product (1.0 lb. ai) per acre per application.
- DO NOT apply more than 42.7 fluid ounces this product (1.0 lb. ai) per acre per year.
- DO NOT graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.

#### **VEGETABLE CROPS**

#### Includes:

- Stalk and Stem Vegetable Subgroup 22A, except kohlrabi: Agave; aloe vera; asparagus; bamboo, shoots; celtuce; fennel, florence, fresh leaves and stalk; fern, edible, fiddlehead; kale, sea; palm hearts; prickly pear, pads; prickly pear, Texas, pads; cultivars, varieties, and hybrids of these commodities
- Beans (Dry and Succulent, Except Lima): Cicer arietinum (chickpea, garbanzo bean); Lupinus spp. (including sweet lupine, white sweet lupine, white lupine, and grain lupine); Phaseolus spp. (including kidney bean, mung bean, navy bean, pinto bean, snap bean, and waxbean); Vicia faba (broad bean, fava bean); Vigna spp. (including asparagus bean, blackeyed pea and cowpea)
- Brassica head and stem vegetable group 5-16: Broccoli, Brussels sprouts, Cabbage, Chinese Cabbage, Cauliflower, & Cultivars, varieties, and hybrids of these commodities
- Chinese Broccoli
- Cucurbit Vegetables Crop Group 9:
  - o Sub Group 9A: Citron melon; muskmelon; watermelon
  - Sub Group 9B: Chayote (fruit); Chinese waxgourd; cucumber; gherkin; gourd, edible; Momordica spp.; pumpkin; summer squash; winter squash
- Vegetable Soybean (Edamame)
- Kohlrabi
- Lima Beans
- Peas (Succulent)
- Peppers
- Rhubarb
- Sweat Potatoes
- Tuberous and Corm Vegetables Subgroup 1D (except potato): Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen; ginger; leren; sweet potato; tanier; turmeric; yam bean; yam, true

#### PRODUCT INFORMATION

This product may be utilized as a soil applied treatment prior to weed emergence, for suppression or control of labeled annual grass and broadleaf weeds in the vegetable crops listed above.

Refer to Weeds Controlled table in the Vegetable Crops section for specific weeds.

Make a single herbicide application in a minimum of 10 gallons of water per acre at the rate(s) specified in the individual crop listings hereafter. Apply as a pre-emergent soil applied treatment prior to seeding or transplanting, or after seeding but prior to crop emergence. Place seed, or roots of the transplants, below the chemical barrier when planting.

This product may be tank mixed with other herbicides registered for use on vegetables to provide a broader spectrum of controlled weeds. When applying mixtures of this product plus other vegetable herbicides, it is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. Water or liquid fertilizer may be used as a carrier for this product when applied alone, or when tank mixed with other vegetable herbicides unless use directions on those labels specifically restrict use or provide other limitations.

#### **DIRECTIONS**

Place seeds or roots of the transplants below the chemical barrier when planting.

Under drought conditions where rainfall has not sufficiently activated and moved this product through the soil profile, certain irrigation systems may allow the crop to grow to maturity and not activate this product. Crop symptomology may occur late in the season under heavy rainfall situations which reactivates any of this product that was on the soil surface.

Certain crop varieties may have potential for injury or loss due to use of this herbicide. Consult your agricultural experiment station, county agent, or other qualified crop advisors for information pertaining to crop varieties grown in your area.

PRECAUTIONS: Temporary whitening and/or yellowing of the treated crop may occur.

#### **VEGETABLE ROTATIONAL CROP RESTRICTIONS**

Rotate to crops as listed below. Refer to sections headed "Rotational Cropping Precautions" and "Product Information". **NOTE:** When using this product with other herbicides registered for vegetables always refer to rotational restrictions and directions on the other product's label.

	ANYTIME				
6.4-10.7 fl. oz.	16.2 fl. oz.	21.3 fl. oz.	32 fl. oz.	42.7-53.3 fl. oz.	64 fl. oz.
(0.15-0.25 lb A.I.)	(0.38 lb A.l.)	(0.5 lb A.l.)	(0.75 lb A.l.)	(1.0-1.25 lb A.l.)	(1.5 lb A.l.)
Cabbage (all)	Cabbage	Cabbage	Cotton*	Cotton*	Sweet Potatoes
Cotton*	(transplant)	(transplant)	Peppers	Peppers	
Cucurbits	Cotton*	Cotton*	Rice	(For use at the	
Peas	Cucurbits	Peas	Soybeans	42.7 fl oz <b>ONLY</b> )	
Peppers	Peas	Peppers	Squash (winter)	Soybeans	
Rice	Peppers	Rice	Sweet Potatoes	Sweet Potatoes	
Snap Beans	Rice	Soybeans	Tobacco	Tobacco	
(succulent)	Soybeans	Sweet Potato	Tuberous & Corm	Tuberous & Corm	
Soybeans	Sweet Potato	Tobacco	Vegetables	Vegetables	
Sweet Potato Tobacco	Tobacco Tuberous & Corm	Tuberous & Corm			
Tuberous & Corm	Vegetables	Vegetables			
Vegetables	vegetables				
vegetables					
C 4 40 7 ft	T	2 MO	NTHS		
6.4-10.7 fl. oz. (0.15-0.25 lb A.l.)					
Lima beans					
Zima boano		9 MO	NTHS		
All crops listed	All crops listed	All crops listed	All crops listed	All crops listed	All crops listed
above PLUS:	above PLUS:	above PLUS:	above PLUS:	above PLUS:	above PLUS:
Beans (dry)	Beans (succulent	Beans (succulent	Beans (succulent	Beans (succulent	Beans (succulent
Corn	and dry)	and dry)	and dry)	and dry)	and dry)
Field	Cabbage	Cabbage	Cabbage	Cabbage	Cabbage
Pop	(direct seeded)	(direct seeded)	(direct seeded)	(direct seeded)	(direct seeded)
Seed	Corn	Corn	Corn	<u>Corn</u>	<u>Corn</u>
Sweet	Field	Field	Field	Field	Field
Cotton	Pop	Pop	Pop	<u>Pop</u>	Pop
Peanuts	Seed	Seed	Seed	Cotton	Cotton
Potatoes	Sweet	Sweet	Sweet	Cucurbits	Cucurbits
Sorghum	Cotton	Cotton	Cotton	<u>Peanuts</u>	<u>Peanuts</u>
Sugar Beets	Peanuts	Cucurbits	Cucurbits	<u>Potatoes</u>	<u>Potatoes</u>
Tomatoes	Potatoes	Peanuts	Peanuts	Sorghum Sorghum	Sorghum Sorghum
(transplanted)	Sorghum	Potatoes	Potatoes	Sugar Beets	Sugar Beets
	Sugar Beets	Sorghum	Sorghum	Tomatoes (transplanted)	Tomatoes (transplanted)
	Tomatoes (transplanted)	Sugar Beets	Sugar Beets	<u>(transplanted)</u>	(transplanted)
	(transplanted)	Tomatoes (transplanted)	Tomatoes (transplanted)		Cotton
		(transplanted)	(transplanted) Cabbage		Peppers Soybean
			(transplant)		Sweet Potato
			Peas		Tobacco
			Rice		Tuberous & Corm
			1.1100		Vegetables
	l .	12 MC	NTHS	1	1 9
All crops listed	All crops listed	All crops listed	All crops listed	All crops listed	All crops listed
above PLUS:	above PLUS:	above PLUS:	above PLUS:	above PLUS:	above PLUS:
Tomatoes	Tomatoes	Tomatoes	Tomatoes	Seed Corn	Seed Corn
(direct seeded)	(direct seeded)	(direct seeded)	(direct seeded)	Sweet Corn	Sweet Corn
Wheat	Wheat	Wheat	Wheat	Tomatoes	Tomatoes
				(direct seeded)	(direct seeded)

				Wheat	
16 MONTHS					
All Crops All Crops All Crops All Crops All Crops All Crops					

Cover crops, however, may be planted anytime but stand reductions may occur in some areas. **DO NOT** graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product. **DO NOT** allow livestock to graze on treated vines or feed treated vines or vine trash to livestock.

#### Soil Textures\*:

Coarse (light) Soils	sand, loamy sand, sandy loam
Medium Soils	loam, silt, silt loam, sandy clay, sandy clay loam
Fine (heavy) Soils	silty clay, clay loam, silty clay loam, clay

<sup>\*</sup> Select lower to higher rates within the range noted in the individual vegetable crop listings based on lighter to heavier soil types within a textural group.

#### **RATES AND WEEDS CONTROLLED**

GRASSES					
6.4 to 16.2 fl. oz. (0.15 to 0.38 lb A.I.)	16.2 o 21.3 fl. oz. (0.38 to 0.5 lb A.l.)	21.3 to 64 fl. oz. (0.5 to 1.5 lb A.l.)			
Barnyardgrass*	Barnyardgrass*	Barnyardgrass			
Crabgrass*	Crabgrass*	Crabgrass			
Large	Large	Large			
Smooth	Smooth	Smooth			
Foxtail*	Foxtail	Field Sandbur			
Giant	Giant	Foxtail			
Green	Green	Giant			
Robust	Robust	Green			
Goosegrass*	Goosegrass	Robust			
Panicum*	Panicum	Goosegrass			
Common	Common	Panicum			
Fall	Fall	Common			
	Seedling Johnsongrass*	Fall			
		Seedling Johnsongrass**			

BROADLEAVES				
6.4 to 16.2 fl. oz. (0.15 to 0.38 lb A.I.)	16.2 o 21.3 fl. oz. (0.38 to 0.5 lb A.I.)	21.3 to 64 fl. oz. (0.5 to 1.5 lb A.I.)		
Galinsoga spp.*	Galinsoga spp.*	Velvetleaf		
Lambsquarters*	Lambsquarters*	Spurred Anoda		
Spurred Anoda*	Prickly Sida*	Common Ragweed**		
Velvetleaf*	Spurred Anoda	Galinsoga		
	Velvetleaf	Jimsonweed**		
	Venice Mallow*	Lambsquarters		
		Prickly Sida		
		Purslane		
		Smartweed**		
		Venice Mallow		

<sup>\*</sup> Suppression/Partially Controlled

#### **Vegetable Replanting Instructions**

If initial seeding or transplants fail to produce the desired stand, vegetables may be replanted in a field treated with this product alone. Where a tank mixture is used, refer to the product(s) labels for any additional replant instructions.

- **DO NOT** retreat field with a second application of this product.
- **DO NOT** replant treated fields with any crop at intervals which are inconsistent with the Rotational Crop Restrictions on this product's label.

<sup>\*</sup>Refer to the "Requirements for Planting Time Applications" and "Replanting Instructions" in the Cotton Directions for Use section.

<sup>\*\*</sup> Controlled at 1-1.5 lb ai/A

#### STALK AND STEM VEGETABLE SUBGROUP 22A, EXCEPT KOHLRABI

Includes: agave; aloe vera; asparagus; bamboo, shoots; celtuce; fennel, florence, fresh leaves and stalk; fern, edible, fiddlehead; kale, sea; palm hearts; prickly pear, pads; prickly pear, Texas, pads; cultivars, varieties, and hybrids of these commodities

This product may be applied as a soil applied treatment prior to weed emergence for suppression or control of annual grass and broadleaf weeds in the stalk and stem subcrop group 22A (not including kohlrabi, including: agave; aloe vera; asparagus; bamboo, shoots; celtuce; fennel, florence, fresh leaves and stalk; fern, edible, fiddlehead; kale, sea; palm hearts; prickly pear, pads; prickly pear, Texas, pads; cultivars, varieties, and hybrids of these commodities. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

Apply 42.7 fluid ounces of this product (1.0 lb. ai) in a minimum of 10 gallons of water per treated acre as a broadcast application to the soil prior to spear emergence. If spears have emerged, make an application after a clean harvest. Cover exposed plants with soil prior to application. Make application at least 14 days prior to harvest.

**NOTE:** Prior to use, refer above to the Directions sections for vegetable crops.

#### **RESTRICTIONS**

- **DO NOT** apply more than 42.7 fluid ounces this product (1.0 lb. ai) per acre per application.
- **DO NOT** apply more than 42.7 fluid ounces this product (1.0 lb. ai) per acre per year.
- DO NOT apply within 14 days of harvest.
- DO NOT make more than one application per year.

#### **BEANS (DRY AND SUCCULENT, EXCEPT LIMA)**

Cicer arietinum (chickpea, garbanzo bean); Lupinus spp. (including sweet lupine, white sweet lupine, white lupine, & grain lupine); Phaseolus spp. (including kidney bean, mung bean, navy bean, pinto bean, snap bean, & waxbean); Vicia faba (broad bean, fava bean); Vigna spp. (including asparagus bean, blackeyed pea and cowpea)

For the control or suppression of annual grasses and broadleaf weeds in beans, apply broadcast at 6.4 to 10.7 fluid ounces per acre (0.15 - 0.25 lb. ai/A) after seeding and prior to emergence. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### **RESTRICTIONS**

- **DO NOT** apply more than 10.7 fluid ounces this product (0.25 lb. ai) per acre per application.
- DO NOT apply more than 10.7 fluid ounces this product (0.25 lb. ai) per acre per year.
- DO NOT make more than one application to beans (dry and succulent, except lima) per year.
- **DO NOT** apply within 45 days of harvest for beans.

#### **BRASSICA (HEAD AND STEM VEGETABLE GROUP 5-16)**

Broccoli; Brussels sprouts; Cabbage; Chinese Cabbage (napa); Cauliflower; cultivars, varieties, and hybrids of these commodities

For the control or suppression of annual grasses and broadleaf weeds in head and stem brassica. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

**Direct Seeded Cabbage** - apply broadcast at 10.7 fl. oz. per acre (0.25 lb. ai/A) after planting prior to emergence. **Transplant Cabbage** - apply broadcast at 10.7- 21.3 fl. oz. per acre (0.25 – 0.5 lb. ai/A) prior to transplanting. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above. **Transplant Broccoli** – apply broadcast at 10.7 fl. oz. per acre (0.25 lb. ai/A) within 48 hours of transplanting broccoli. **All Transplanted Brassica other than Cabbage and Broccoli** – Apply broadcast at 10.7 fl. oz. per acre (0.25 lb. ai/A) within 72 hours of transplanting.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### RESTRICTIONS

- DO NOT make more than one application to brassica (head and stem vegetable group 5-16) per year.
- DO NOT apply within 45 days of harvest for cabbage.
- Direct seeded cabbage and transplant broccoli:
  - DO NOT apply more than 10.7 fluid ounces of this product (0.25 lb. ai) per acre per application.
  - DO NOT apply more than 10.7 fluid ounces of this product (0.25 lb. ai) per acre per year.
- Transplant cabbage:
  - DO NOT apply more than 21.3 fluid ounces of this product (0.5 lb. ai) per acre per application.
  - DO NOT apply more than 21.3 fluid ounces of this product (0.5 lb. ai) per acre per year.
- All transplanted brassica other than cabbage or broccoli:
  - o **DO NOT** apply more than 10.7 fluid ounces of this product (0.25 lb. ai) per acre per application.
  - DO NOT apply more than 10.7 fluid ounces of this product (0.25 lb. ai) per acre per year.

#### **CHINESE BROCCOLI (GAI LAN)**

For the control or suppression of annual grasses and broadleaf weeds in Chinese broccoli, broadcast apply 10.7 fluid ounces (0.25 lb. ai) per acre of this product within 48 hours of transplanting and prior to weed emergence. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

**Transplant Chinese Broccoli** – apply broadcast at 10.7 fluid ounces per acre (0.25 lb. ai/A) within 48 hours of transplanting Chinese broccoli.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### **RESTRICTIONS**

- **DO NOT** apply more than 10.7 fluid ounces of this product (0.25 lb. ai) per acre per application.
- **DO NOT** apply more than 10.7 fluid ounces of this product (0.25 lb. ai) per acre per year.
- **DO NOT** make more than one application to Chinese broccoli per year.
- DO NOT apply within 45 days of harvest of Chinese broccoli.

#### **CUCURBIT VEGETABLES CROP GROUP 9**

- Sub Group 9A: Citron melon; muskmelon; watermelon
- Sub Group 9B: Chayote (fruit); Chinese waxgourd; cucumber; gherkin; gourd, edible; *Momordica* spp.; pumpkin; summer squash; winter squash

#### SUB GROUP 9A: MELONS (CITRON MELON; MUSKMELON; WATERMELON)

Muskmelon: hybrids and/or cultivars of Cucumis melo (includes: true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon)

For the control or suppression of annual grasses and broadleaf weeds in sub group 9A melons: cantaloupes, citron melons; muskmelons and watermelons, apply broadcast at 6.4 to 10.7 fluid ounces (0.15 - 0.25 lb. ai) per acre. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

For direct seeded melons: Make one broadcast application after seeding but prior to melon emergence.

**For transplanted melons:** Make one broadcast application before transplanting and ensure to place the roots of the transplant below the chemical barrier when planting.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

- DO NOT apply more than 10.7 fluid ounces this product (0.25 lb. ai clomazone) per acre per year.
- DO NOT apply more than 10.7 fluid ounces this product (0.25 lb. ai clomazone) per acre per application.
- DO NOT make more than one application to melons per year.

## SUB GROUP 9B: CHAYOTE (FRUIT); CHINESE WAXGOURD; CUCUMBER; GHERKIN; GOURD, EDIBLE; MOMORDICA SPP.; PUMPKIN; SUMMER SQUASH; WINTER SQUASH

#### **CUCUMBERS**

For the control or suppression of annual grasses and broadleaf weeds in cucumber, apply broadcast at 6.4 to 16.2 fluid ounces (0.15 – 0.38 lb. ai) per acre in a minimum spray volume of 10 gallons of water per treated acre. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above.

For direct seeded cucumber: Make one broadcast application after seeding but prior to cucumber emergence.

**For transplanted cucumber:** Make one broadcast application before transplanting, and ensure to place the roots of the transplant below the chemical barrier when planting.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### RESTRICTIONS

- DO NOT apply more than 16.2 fluid ounces this product (0.38 lb. ai) per acre per application.
- DO NOT apply more than 16.2 fluid ounces this product (0.38 lb. ai) per acre per year.
- **DO NOT** make more than one application to cucumber per year.
- DO NOT apply within 30 days of harvest of cucumbers.

#### **SUMMER SQUASH**

Squash, summer (Cucurbita pepo var. melopepo) (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini)

For the control or suppression of annual grasses and broadleaf weeds in summer squash (refer to Weeds Controlled table in the Vegetable Crops Section).

For summer squash, apply broadcast, prior to seeding or transplanting, at 10.7 to 21.3 fluid ounces per acre (0.25 - 0.5 lb. ai/A). Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above.

OR

Apply as a pre-emergent (to weeds) soil surface treatment before, or just prior to transplanting, to row middles between plastic covered beds. Use rates as noted above.

**NOTE:** Prior to use, refer to the Directions section for vegetable crops above.

#### **RESTRICTIONS**

- DO NOT make more than one application to squash per year.
- DO NOT apply to soil that will be covered with plastic mulch.
- **DO NOT** apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per application.
- DO NOT apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per year.
- DO NOT apply within 30 days of harvesting summer squash.

#### WINTER SQUASH AND PROCESSING PUMPKINS

Squash, winter (*Cucurbita maxima; C. moschata*) (includes butternut squash, calabaza, hubbard squash); (*C. mixta; C. pepo*) (includes acorn squash, spaghetti squash)

For the control or suppression of annual grasses and broadleaf weeds in winter squash and processing pumpkins (refer to Weeds Controlled table in the Vegetable Crops Section).

For winter squash and processing pumpkins, apply broadcast, prior to seeding or transplanting, at 10.7 to 32 fluid ounces per acre (0.25 – 0.75 lb. ai/A). Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above.

Apply as a pre-emergent (to weeds) soil surface treatment before, or just prior to transplanting, to row middles between plastic covered beds. Use rates as noted above.

**NOTE:** Prior to use, refer to the Directions section for vegetable crops above.

#### **RESTRICTIONS**

- DO NOT make more than one application to squash or processing pumpkins per year.
- DO NOT apply to soil that will be covered with plastic mulch.
- **DO NOT** use on the following cultivars or varieties as unacceptable whitening of the fruit may occur: NK530, NK580, Turks Turban, Golden Delicious, all Banana types, and all other Cucurbita maxima types that have a pink or burnt orange coloration at harvest.
- DO NOT use on Jack-o-lantern pumpkins.
- DO NOT apply more than 32 fluid ounces this product (0.75 lb. ai) per acre per application.
- **DO NOT** apply more than 32 fluid ounces this product (0.75 lb. ai) per acre per year.
- DO NOT apply within 45 days of harvesting.

#### **EDAMAME (VEGETABLE SOYBEAN)**

This product may be applied as a soil applied treatment prior to weed emergence and after seeding for suppression or control of annual grass and broadleaf weeds in edamame. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

Apply 21.3 fluid ounces of this product (0.5 lb. ai) in a minimum of 10 gallons of water per treated acre as a broadcast application to the soil prior to weed emergence and after seeding.

#### RESTRICTIONS

- DO NOT apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per application.
- DO NOT apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per year.
- DO NOT apply within 14 days of harvest.
- DO NOT make more than one application to edamame per year.

#### **KOHLRABI**

For the control or suppression of annual grasses and broadleaf weeds in kohlrabi, apply a broadcast of this product. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

**Direct Seeded kohlrabi** - apply broadcast at 10.7 fluid ounces per acre (0.25 lb. ai/A) after seeding but prior to emergence. **Transplant kohlrabi** - apply broadcast at 10.7 to 21.3 fluid ounces per acre (0.25 to 0.5 lb. ai/A) prior to transplanting. Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

- Direct seeded kohlrabi:
  - DO NOT apply more than 10.7 fluid ounces this product (0.25 lb. ai) per acre per application.
  - o **DO NOT** apply more than 10.7 fluid ounces this product (0.25 lb. ai) per acre per year.
- Transplant kohlrabi:
  - o **DO NOT** apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per application.
  - o **DO NOT** apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per year.
- **DO NOT** make more than one application to kohlrabi per year.
- DO NOT apply within 45 days of harvest for kohlrabi.

#### LIMA BEANS

For the suppression of annual grasses and broadleaf weeds in lima beans, apply a broadcast of this product at 4 to 6 fluid ounces per acre as a soil applied treatment prior to weed emergence and after seeding. This use direction is only for suppression of early season grass and certain broadleaf weeds to provide additional time for follow up cultivation and application of other labeled post emergent herbicides. Observe a 60-day rotational period when planting to lima beans.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### RESTRICTIONS

- DO NOT apply more than 6 fluid ounces this product (0.14 lb. ai) per acre per application.
- DO NOT apply more than 10.7 fluid ounces this product (0.25 lb. ai) per acre per year.
- DO NOT make more than two applications to lima beans per year.
- Allow 14 days between re-treatment applications.

#### PEAS (SUCCULENT)

Includes: dwarf pea, edible-pod pea, English pea, garden pea, green pea, snow pea, sugar snap pea & pigeon pea

For the control or suppression of annual grasses and broadleaf weeds in succulent pea, apply broadcast at 21.3 fluid ounces per acre (0.5 lb. ai/A) after seeding and prior to weed emergence. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### RESTRICTIONS

- **DO NOT** apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per application.
- **DO NOT** apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per year.
- **DO NOT** make more than one application to succulent peas per year.

#### PEPPERS (BELL AND NON-BELL)

For the control or suppression of annual grasses and broadleaf weeds in bell peppers and non-bell peppers, apply broadcast at 10.7 to 42.7 fluid ounces per acre (0.25 – 1 lb. ai/A). Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### **RESTRICTIONS**

- DO NOT use on banana peppers.
- **DO NOT** apply more than 42.7 fluid ounces this product (1.0 lb. ai) per acre per year.
- **DO NOT** apply more than 42.7 fluid ounces this product (1.0 lb. ai) per acre per application.
- DO NOT make more than one application to peppers per year.

#### **RHUBARB**

For the control or suppression of annual grasses and broadleaf weeds in rhubarb. Apply broadcast at 64 fluid ounces per acre (1.5 lb. ai/A) to dormant rhubarb prior to leaf emergence. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

NOTE: Prior to use, refer above to the Directions section for vegetable crops

- **DO NOT** apply more than 64 fluid ounces this product (1.5 lb. ai) per acre per application.
- DO NOT apply more than 64 fluid ounces this product (1.5 lb. ai) per acre per year.
- DO NOT make more than one application to rhubarb per year.

#### **SWEET POTATOES**

For the control of annual grasses and broadleaf weeds in sweet potatoes, apply broadcast at 21.3 to 64 fluid ounces per acre (0.5 –1.5 lb. ai/A). Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

OR

Apply as a single application post transplant to the crop and prior to weed emergence at a maximum of 64 fluid ounces per acre (1.5 lb. ai/A).

**NOTE:** Prior to use, refer above to the Directions section for vegetable crops.

#### RESTRICTIONS

- DO NOT apply more than 64 fluid ounces this product (1.5 lb. ai) per acre per application.
- DO NOT apply more than 64 fluid ounces this product (1.5 lb. ai) per acre per year.
- DO NOT make more than one application to sweet potatoes per year.
- **DO NOT** apply within 95 days of harvest for sweet potatoes.
- DO NOT apply withing 125 days of harvest if more than 53.3 fl oz per acre per year was applied.

## CROP SUBGROUP 1D. TUBEROUS AND CORM VEGETABLES (EXCEPT POTATO) & ARRACACHA, CASSAVA, TANIER, YAMS (FOR SWEET POTATO REFER TO DIRECTIONS ABOVE)

For the control of annual grasses and broadleaf weeds in arracacha, cassava, tanier and yams, apply broadcast at 32 to 53.3 fluid ounces per acre (0.75 – 1.25 lb. ai/A). Use the lower specified rate on coarse soils and the higher specified rate on fine soils. Refer to the soil texture chart found above. For a list of weeds controlled, refer to the Weeds Controlled table in the Vegetable Crops section above.

- **DO NOT** apply more than 53.3 fluid ounces this product (1.25 lb. ai) per acre per application.
- DO NOT apply more than 53.3 fluid ounces this product (1.25 lb. ai) per acre per year.
- **DO NOT** make more than one application to tuberous and corm vegetables per year.
- DO NOT apply within 125 days of harvest.

#### **OIL CROPS**

#### RAPESEED (CANOLA VARIETIES ONLY)

This product may be applied as a soil applied broadcast treatment prior to seeding and weed emergence for control or suppression of annual grass and broadleaf weeds in winter or spring canola and rapeseed, cultivars, varieties, and/or hybrids of these.

This product is to be used as part of a system approach for the control of cleavers (Galium aparine) in all herbicide tolerant canola varieties. Application of a post-emergence herbicide that is effective on cleavers, e.g. a herbicide to which the canola variety is tolerant, is required for season-long control. When used on non-herbicide tolerant canola varieties, this product will provide some early season weed suppression only.

Apply 3.4 - 4.5 fluid ounces of this product (0.08 – 0.11 lb. ai) in a minimum spray volume of 10 gallons of water per treated acre.

Application of less than 4.5 fl. oz. will suppress cleavers and can be used if cleaver populations are light.

This product may be tank mixed with other labeled herbicides such as Aim EC herbicide and glyphosate.

**PRECAUTION:** Temporary whitening and/or yellowing of the crop may occur when emerging from the treated soil. Susceptible weed species may emerge from the soil but are devoid of pigmentation and plant death occurs in a short period of time.

**NOTE:** Prior to use, refer above to the Directions sections for vegetable crops.

- **DO NOT** apply more than 4.5 fluid ounces this product (0.11 lb. ai) per acre per application.
- DO NOT make more than one application to canola and rapeseed per year.
- DO NOT apply more than 4.5 fluid ounces this product (0.11 lb. ai) per acre per year.
- DO NOT apply within 90 days of harvest of canola and rapeseed cultivars, varieties, and/or hybrids of these.
- DO NOT apply to sandy soils.

#### PEPPERMINT AND SPEARMINT TOPS

This product may be utilized as a pre-emergent treatment for the control of annual grass and broadleaf weeds in peppermint and spearmint. This product may be applied at the rate of 21.3 fluid ounces per acre (0.5 lb. ai/A) to the soil surface prior to the emergence of weeds and the initiation of new growth of peppermint and spearmint plants.

#### **WEEDS CONTROLLED**

Grasses	Barnyardgrass*, Crabgrass (large* and smooth*), Foxtail (giant*, green*, robust*), Goosegrass*,	
	Panicum (common*, fall*)	
Broadleaves	Galinsoga spp.*, Lambsquarters*, Spurred anoda*, Velvetleaf, Venice mallow*	

<sup>\*</sup> Suppression/Partially Controlled

#### **RESTRICTIONS**

- DO NOT apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per application.
- DO NOT apply more than 21.3 fluid ounces this product (0.5 lb. ai) per acre per year.
- DO NOT make more than one application to peppermint and spearmint per year.
- DO NOT apply within 84 days of harvest.
- DO NOT graze or harvest for food or feed cover crops planted less than 9 months after treatment with this product.

#### **Rotational Crop Restrictions**

Rotate to crops as listed below. Refer to sections headed "Rotational Cropping Precautions" and "Product Information."

**NOTE:** When using this product with other herbicides registered for peppermint and spearmint, always refer to rotational restrictions and directions on the other product's label.

ANYTIME	9 MONTHS	12 MONTHS	16 MONTHS
Cabbage (transplant)	All crops listed under	All crops listed under 9	All Crops
Cotton*	ANYTIME <i>PLUS</i> :	MONTHS PLUS:	
Peas	Beans (succulent & dry)	Tomatoes (direct seeded)	
Peppers	Cabbage (direct seeded)	Wheat	
Rice	Corn		
Soybeans	Field		
Squash	Pop		
Sweet Potatoes	Seed		
Tobacco	Sweet		
Tuberous & Corm Vegs.	Cotton		
	Cucurbits		
	Peanuts		
	Potatoes		
	Sorghum		
	Sugarbeets		
	Tomatoes (transplated)		

<sup>\*</sup> Refer to the section "Requirements for Planting Time Applications" and "Replanting Instructions" in the use directions for cotton.

Cover crops, however, may be planted anytime but stand reductions may occur in some areas.

#### **HERB SUBGROUP 19A**

Angelica; balm; basil; borage; burnet; camomile; catnip; chervil (dried); chive; chive, Chinese, clary; coriander (leaf); costmary; culantro (leaf); curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marjoram (Origanum spp.); nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay; tansy; tarragon; thyme; wintergreen; woodruff; and wormwood

This product may be applied as a soil applied broadcast treatment after seeding and prior to crop and weed emergence for control or suppression of annual grass and broadleaf weeds in crops in Herb Subgroup 19A: angelica; balm; basil; borage; burnet; camomile; catnip; chervil (dried); chive; chive, Chinese, clary; coriander/cilantro (leaf); costmary; culantro (leaf); curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marjoram (Origanum spp.); nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay; tansy; tarragon; thyme; wintergreen; woodruff; and wormwood. For a list of weeds controlled or suppressed, refer to the Weeds Controlled table in the Vegetable Crops section on the label.

Apply 10.7 fluid ounces of this product (0.25 lb. ai) in a minimum spray volume of 10 gallons of water per treated acre. Make application at least 50 days prior to harvest.

**NOTE:** Prior to use, refer above to the Directions sections for vegetable crops.

- DO NOT apply more than 10.7 fluid ounces this product (0.25 lb. ai) per acre per application.
- DO NOT make more than one application per year.
- **DO NOT** apply more than 10.7 fluid ounces this product (0.25 lb. ai) per acre per year.
- **DO NOT** apply within 50 days of harvest.

#### STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**PESTICIDE STORAGE:** Store in a cool, dry place. For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

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

#### **CONTAINER HANDLING:**

High Density Polyethylene (HDPE) Containers < 5 Gallons: Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**HDPE Minibulk Containers:** Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follow: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto it other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**HDPE Bulk Containers:** Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes.

Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. When the container is empty, replace the cap and seal all openings that have been opened during use; and return to the point of purchase, or to a designated location named at the time of purchase of this product. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn-out threads and closure devices. Check for leaks after refilling and before transporting. **DO NOT** transport if this container is damaged or leaking. If the container is damaged or leaking, call CHEMTREC. If the container is damaged and leaking or material has been spilled, follow these procedures:

- · Cover spill with absorbent material.
- · Sweep into disposal container.
- Wash area with detergent and water and follow with clean water rinse.
- DO NOT allow to contaminate water supplies.
- Dispose of according to instructions.

If not returned to the point of purchase or to a designated location, clean empty container as instructed above and offer for recycling. Disposal of this container must be in compliance with state and local regulations.

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY 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, presence of other materials or other influencing factors in the use of this product, which are beyond the control of ALBAUGH, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ALBAUGH, LLC and Seller harmless for any claims relating to such factors.

ALBAUGH, LLC 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent consistent with applicable law, this warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ALBAUGH, LLC and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ALBAUGH, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, in no event shall ALBAUGH, LLC or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ALBAUGH, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ALBAUGH, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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