

Supplemental Labeling



EPA Reg. No. 279-3464

This supplemental label expires on April 30, 2027 and must not be used or distributed after this date.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE EPA REGISTERED LABEL ARE TO BE FOLLOWED.

This Supplemental labeling must be in the possession of the user at the time of pesticide application. Read the label affixed to the container before applying. Carefully follow all precautionary statements and application use directions.

COTTON

Postemergence Fertilizer Impregnation: Applications of ANTHEM FLEX herbicide impregnated on dry fertilizer are allowed for foliar, broadcast applications.

MINT* (Peppermint and Spearmint)

*Mint (Peppermint and Spearmint tops) in this section includes peppermint and spearmint harvested for fresh mint leaves or for stems and leaves processed into mint oil.

ANTHEM FLEX herbicide may be applied as a dormant application to mint (peppermint and spearmint tops) for residual preemergence control of listed weeds (**Table 1**).

Application Timing

ANTHEM FLEX herbicide may be applied in a single application at the dormant physiological stage of mint.

Application Rates in Mint

Apply ANTHEM FLEX herbicide alone or in tank mix combination with another dormant use herbicide, or as a dormant application to mint followed by a labeled post emergence herbicide application at the residual rates per cropping season (per year) in **Table 11**.

Table 11. Use rates of ANTHEM FLEX herbicide in Mint

Application Timing	Use Rate for ANTHEM FLEX herbicide (fl oz/A) by Soil Texture ^{1,2}		
	Coarse	Medium	Fine
Dormant Application	Do not use	3.5	3.5

¹Refer to **Table 3** for definitions of soil texture groups

²Refer to **Table 5** for ai use rate equivalents.

Crop Specific Precautions

The use of ANTHEM FLEX herbicide may result in growth suppression of mint if extreme conditions of heavy rainfall and extended periods of water-saturated soil occur right before or soon after the mint breaks dormancy.

Crop Specific Restrictions

- **DO NOT** apply more than 3.5 fl oz/A of ANTHEM FLEX herbicide (containing 0.102 lb ai/A of pyroxasulfone and 0.007 lb ai/A of carfentrazone-ethyl) in a single application.
- **DO NOT** apply more than 3.5 fl oz/A of F9312-3 (containing 0.102 lb ai/A of pyroxasulfone and 0.007 lb ai/A of carfentrazone-ethyl) per year.
- **DO NOT** apply more than 0.266 lb ai/A of pyroxasulfone containing products in a year.
- **DO NOT** apply more than 0.03 lb ai/A of carfentrazone-ethyl containing products in a year.
- **DO NOT** apply more than once per year in mint.
- **DO NOT** apply if roots and rhizomes of mint are weak, thinned or damaged.
- **Pre harvest Interval (PHI):** 5 days.
- **DO NOT** use roots from ANTHEM FLEX herbicide treated plants for human consumption.
- **DO NOT** apply ANTHEM FLEX herbicide to newly planted mint. Apply only to stands that in the previous year were healthy and vigorous.
- **DO NOT** use ANTHEM FLEX herbicide between cuttings of mint.
- **DO NOT** apply ANTHEM FLEX herbicide to mint that has broken dormancy. Application to mint that is near dormancy break can result in crop injury. Risk of crop injury increases the closer application is to mint dormancy break.
- **DO NOT** apply to soils with less than 1% organic matter.
- **DO NOT** apply ANTHEM FLEX herbicide in soils classified as sand.

PERENNIAL GRASSES GROWN FOR SEED

For Use in Idaho, Oregon and Washington Only

ANTHEM FLEX herbicide may be applied to perennial grasses for seed (fine fescue, perennial ryegrass, tall fescue, and orchard grass), in the fall, or in spring planted (at least 8 tillers) and established stands for preemergence residual weed control of many annual grasses, volunteer sprouts, and winter annual broadleaf weeds listed in Table 1. Before applying to perennial grass for seed, verify with your local seed company (supplier) the selectivity of ANTHEM FLEX herbicide on your variety to avoid potential injury.

Application Rates in Perennial Grasses Grown for Seed

Apply ANTHEM FLEX herbicide alone, in tank mix or sequentially with other pesticides labeled on perennial grass grown for seed at the residual rates per cropping season (per year) in Table 14.

Table 14. Use rates of ANTHEM FLEX herbicide in Perennial Grasses for Seed

Application Timing	Use Rate of ANTHEM FLEX herbicide (fl oz/A) by Soil Texture ^{1,2}		
	Coarse	Medium	Fine
Spring planted grass seed crops. (8 or more tillers per plant)	Do Not Use	2.75 - 3.65	3.65
Established grass seed crops. (at least one seed harvest)	Do Not Use	2.75 - 3.65	3.65
Preemergence application for new seeding (Seed row must have an activated carbon band above them)	Do Not Use	2.75 - 3.65	3.65

¹Refer to Table 3 for definitions of soil texture groups

²Refer to Table 5 for ai use rate equivalents

Crop-Specific Precautions

The use of ANTHEM FLEX herbicide may result in growth suppression or stand loss of perennial grasses for seed if extreme conditions of heavy rain and extended periods of water saturated soil occur during seedling growth.

Crop-Specific Restrictions

- **DO NOT** apply more than 3.65 fl oz/A of ANTHEM FLEX herbicide (containing 0.106 lb ai/A of pyroxasulfone and 0.008 lb ai/A of carfentrazone-ethyl) of F9312-3 in listed perennial grasses grown for seed in a single application.
- **DO NOT** apply more than 3.65 fl oz/A of ANTHEM FLEX herbicide (containing 0.106 lb ai/A of pyroxasulfone and 0.008 lb ai/A of carfentrazone-ethyl) per year.
- **DO NOT** apply more than 0.106 lb ai/A of pyroxasulfone containing products in a year.
- **DO NOT** apply more than 0.093 lb ai/A of carfentrazone-ethyl containing products in a year.
- **DO NOT** apply ANTHEM FLEX herbicide more than one time per year.
- **Preharvest Interval (PHI):** is 60 days.
- **Grazing restrictions:** 60 days
- **DO NOT** apply ANTHEM FLEX herbicide in soils classified as sand.

Crop-Specific Use Directions

Application for spring planted grass seed crops

ANTHEM FLEX herbicide may be applied at the use rates specified in Table 14 as a broadcast spray in the fall following a spring planting if the crop has attained a growth stage of at least 8 tillers and shows good health and vigor. Apply ANTHEM FLEX herbicide prior to weed germination.

Applications for established grass seed crops (at least one harvest)

ANTHEM FLEX herbicide may be applied following seed harvest at use rates specified in Table 14 as a broadcast spray to healthy, vigorous stands.

Applications for new plantings of grass seed crops: Carbon Seeding

ANTHEM FLEX herbicide may be applied at 2.75 – 3.0 fl oz/A as a broadcast treatment over the seed rows that have activated carbon band above them. The activated carbon over the seed row will absorb the ANTHEM FLEX herbicide and allow the seed to germinate. Seed germination and stand safety is dependent on the quality of the carbon band above the seed. Apply carbon at 25 lb/A in a 1 inch band (equal to a 300 lb/A broadcast application) at planting. Apply to a smooth, crop residue-free seedbeds. Use proper agitation to keep the carbon in suspension. Mix activated carbon with water at 0.5 lb/gallon. This band may be compromised due to poor seed bed preparation, heavy rainfall, standing water, steep slopes and other possible disturbances allowing the herbicide to move into the seed row and inhibit crop germination. The grower utilizing this system assumes all risks of crop injury and/or stand loss associated with the application.

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.

ANTHEM FLEX herbicide may be tank mixed or applied sequentially with the herbicide products registered for use in perennial grasses grown for seed for a broader spectrum of control and/or control of emerged weeds. Refer to the tank mix product labels to confirm that the respective tank mix products are registered for use in perennial grass grown for seed. Follow the adjuvant directions for ANTHEM FLEX herbicide.

POTATOES

ANTHEM FLEX herbicide may be applied preemergence for residual preemergence weed control. Use ANTHEM FLEX herbicide as part of a weed management program in potatoes with other residual and Post herbicides for a broader spectrum of weeds.

Applications Rates in Potatoes

Apply ANTHEM FLEX herbicide alone, in tank mix combination, or sequentially at the rates provided in Table 15.

Table 15. Use rates of ANTHEM FLEX herbicide in Potatoes

Application Timing	Use Rate for ANTHEM FLEX herbicide (fl oz/A) by Soil Texture ^{1,2}		
	Coarse	Medium	Fine
Preemergence	3.5	3.5 – 5.0	4.5 – 6.0

¹Refer to Table 3 for definitions of soil texture groups

²Refer to Table 5 for ai use rate equivalents

Crop Specific Precautions

The use of ANTHEM FLEX herbicide may result in growth suppression of potatoes if extreme conditions of heavy rain and extended periods of water saturated soil occur during potato emergence. Before using, verify the selectivity of ANTHEM FLEX herbicide with your local county extension agent to avoid potential injury.

Crop Specific Restrictions

- **DO NOT** apply more than 6.0 fl oz/A of ANTHEM FLEX herbicide (containing 0.175 lb ai/A of pyroxasulfone and 0.013 lb ai/A of carfentrazone-ethyl) in a single application.
- **DO NOT** apply more than 9.12 fl oz/A of ANTHEM FLEX herbicide (containing 0.266 lb ai/A of pyroxasulfone and 0.019 lb ai/A of carfentrazone-ethyl) per year.
- **DO NOT** apply more than three applications of ANTHEM FLEX herbicide to potatoes per year when using at reduced rates.
- **DO NOT** apply more than 0.266 lb ai/A pyroxasulfone containing products in a year.
- **DO NOT** apply more than 0.181 lb ai/A of carfentrazone-ethyl containing products in a year.
- **Pre Harvest Interval (PHI):** There is no required preharvest interval between a preemergence application of ANTHEM FLEX herbicide and the harvest of potatoes.
- **Re-Treatment Interval (RTI):** 14 days.
- **DO NOT** apply ANTHEM FLEX herbicide prior to planting potatoes.
- **DO NOT** apply to soils with less than 1% organic matter.

Preemergence Applications

Apply as a broadcast spray to the soil surface after planting or drag off of potatoes prior to weed emergence. ANTHEM FLEX herbicide may be applied after hilling. Apply prior to emergence of potatoes, ensuring that there is a minimum of 2 inches of soil covering the vegetative portion of the potato plants. Care must be taken that drag-off implements do not injure emerging shoots and they do not move soil off of hills exposing plants to herbicide. Efficacy will be reduced if later cultural practices expose untreated soil.

ANTHEM FLEX herbicide may be tank mixed or applied sequentially with other herbicide products registered for use in potatoes for a broader spectrum of control and/or control of emerged weeds. Refer to the tank mix product labels to confirm that the respective tank mix products are registered for use in potatoes. Follow the adjuvant directions for ANTHEM FLEX herbicide.

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 beyond the control of FMC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and, to the extent consistent with applicable law, Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors. Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT.**

Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and, to the extent permitted by applicable law, buyer assumes the risk of any such use. To the extent consistent with applicable law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR 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 FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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

STORAGE AND DISPOSAL

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

Pesticide Storage

Store product in original container only, well ventilated area, separately from fertilizer, feed, or foodstuffs and away from other pesticides. **DO NOT** contaminate water, food, or feed by storage or disposal. Store in a cool dry place and avoid excess heat.

In Case of Spill

Avoid contact. Isolate areas and keep out animals and unprotected persons.

To Confine Spills.

Dike surrounding area; sweep up spillage, dispose of in accordance with information given under Pesticide Disposal. Wash spill area with water, absorb with sand, cat litter or commercial clay, sweep up and dispose of in an approved manner. Place damaged container in a large holding container. Identify contents per required hazardous waste labeling regulations.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling

Metal or Plastic Containers - Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: **(For containers greater than 5 gallons)** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. 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 reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

(For containers 5 gallons or less) 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 1/4 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. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **DO NOT** cut or weld metal containers. If burned, stay out of smoke.

Returnable/Refillable Containers - 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 into application equipment or mix tank. Fill the container about 10% 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. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

LABEL TRACKING INFORMATION

Label Code: R-4513A 050724 04-23-24 Expires 04-30-27