AS Thifensulfuron 50

**Product Information**

AS Thifensulfuron 50 is labeled for the control of a wide range of weeds, including grasses and broadleaf weeds in a variety of crops. This product is a selective herbicide that inhibits the enzyme acetolactate synthase, which is crucial for the synthesis of essential amino acids in the plant. It is designed for use in corn, soybeans, and other crops where a good weed control is needed.

**Restrictions**

- Do not apply to sweet corn, popcorn, or field corn grown for seed.
- Do not apply AS Thifensulfuron 50 to a field planted with grass or legumes.
- Do not apply AS Thifensulfuron 50 to a field where a non-residual herbicide has been applied within the last 36 months.

**Precautions**

- Do not allow spray drift to desirable vegetation.
- Do not apply this product through any type of irrigation system.
- Do not apply to sweet corn, popcorn, or field corn grown for seed.

**Environmental Hazards**

- Do not apply this product on or near ponds, streams, or other bodies of water.
- Use only with the following surfactants: 0.25% v/v crop oil concentrate or 1% v/v nonionic surfactant.

**Spray additives**

- Use a surfactant at 0.25% v/v (1 qt/100 gallons) or crop oil concentrate at 1% v/v (1 ounce per acre) for effective weed control.

**Biological Activity and Environmental Conditions**

- Herbicides are used to control weeds in crops.
- Herbicides can be used to control weeds in crops.

**Use**

<table>
<thead>
<tr>
<th>Use</th>
<th>Active Ingredient</th>
<th>Granule</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Application</td>
<td>Thifensulfuron</td>
<td>Granule</td>
<td>50 pounds</td>
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</tbody>
</table>

**Spray Equipment**

- Use a Coarse or coarser droplet size (ASABE S572.1) for ground equipment.
- Use a nozzle calibrated to deliver a uniform spray pattern.

**Surface Water Advisory**

- Water or other recommended carrier and applied as a uniform broadcast spray.

**Tank Mixes**

- Tank mixes are limited to the use of non-ionics.

**Spray Additives**

- Use only in a water carrier or other recommended carrier.
- Use only with the following surfactants: 0.25% v/v crop oil concentrate or 1% v/v nonionic surfactant.

**Biological Activity**

- Herbicides are used to control weeds in crops.
- Herbicides can be used to control weeds in crops.

**Environmental Conditions**

- Herbicides are used to control weeds in crops.
- Herbicides can be used to control weeds in crops.

**Use Rates in Soybeans**

- Application rates should be based on the growth stage of the crop and the specific weed species.
- Application rates may vary depending on crop and weed species.

**Spray Equipment**

- Use a Coarse or coarser droplet size (ASABE S572.1) for ground equipment.
- Use a nozzle calibrated to deliver a uniform spray pattern.

**Surface Water Advisory**

- Water or other recommended carrier and applied as a uniform broadcast spray.

**Tank Mixes**

- Tank mixes are limited to the use of non-ionics.

**Spray Additives**

- Use only in a water carrier or other recommended carrier.
- Use only with the following surfactants: 0.25% v/v crop oil concentrate or 1% v/v nonionic surfactant.

**Biological Activity**

- Herbicides are used to control weeds in crops.
- Herbicides can be used to control weeds in crops.

**Environmental Conditions**

- Herbicides are used to control weeds in crops.
- Herbicides can be used to control weeds in crops.
Kochia: dichlorophenoxyacetic acid, fluroxypyr and 2-methyl-4-chlorophenoxyacetic acid.
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A1008392

AS Thifensulfuron 50
HERBICIDE

GROUP 2

KEEP OUT OF REACH OF CHILDREN

CAUTION

Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Never store separately from other laundry.

Shoes plus socks.

Engineering Control Statement: When handling 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(a)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Important: When reduced PPE is worn because a closed system is being used, handlers must be provided of PPE specified above for “Applicants and Other Handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands 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. Remove PPE immediately after handling this product. Wash the 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 contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Do not apply where/when conditions favor runoff.

Ground Water Protection: This product has properties and characteristics associated with chemicals detected in groundwater. This product may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

Surface Water Advisory: This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for washing surface water via runoff for several days or more after application. A well-maintained, well-equipped buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will substantially reduce any adverse impact to these water features. The product should not be applied directly to streams or bodies of water, and runoff from treated areas should be channeled away from streams and bodies of water by proper drainage systems. Runoff of treated areas should be intercepted and treated, or where practical, allowed by state and local ordnance.

Windblown Soil Advisory: This product has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying this product if prevailing local conditions may be expected to result in off-site movement.

Non-target Organism Advisory - 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 area. Protect the forage and habitat of non-target organisms by minimizing drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

soluble Granule

This unit is not for resale. For dispensing into dedicated containers only.

Active ingredient:
Thifensulfuron-methyl
Methyl 3-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl]aminosulfonyl]-2-thiophenecarboxylate

Other ingredients:
EPA Reg. No. 352-205

Precautionary statements:
Hazards to humans and domestic animals - Caution

FIRST AID

If 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. Have the product container or label with you when calling a poison control center or doctor.

If in eyes: Rinse eyes immediately with plenty of water. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor.

If inhaled: Get fresh air. If not breathing, give artificial respiration. Do not give anything by mouth. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor.

In case of medical emergency, contact 1-800-441-3637.

Environmental Hazards:
This product is toxic to fish. Do not transport this container if contaminated. If the container is damaged, leak, or obolote, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

Storage and Disposal:
Do not contaminate water, food, or feed by storage and disposal.

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

CONTAINER HANDLING: Refer to the Net Contents section of this product’s labeling for the appropriate “Nonrefillable Container” or “Refillable Container” designation.

Refillable Fiber Drums With Liners: Refillable container (fiber drum only). Refill Fiber Drum: Refill this fiber drum with AS THIFENSULFURON 50 herbicide containing thifensulfuron methyl only. Do not reuse this fiber drum for any other purpose. Before refilling, be sure to follow all applicable requirements when refilling. Completely empty fiber drum by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application or manufacturing equipment. Dispensing of Fiber Drum and/or Liner: Do not reuse this fiber drum for any other purpose other than refilling (see preceding). Cleaning the container (liner and/or fiber drum) before final disposal is the responsibility of the person disposing of the container. Offer the fiber drum for recycling if available or dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

All Other Refillable Containers: Refillable container. Refill Container: This container with AS THIFENSULFURON 50 herbicide containing thifensulfuron methyl only. Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use the container, contact DuPont at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact DuPont at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer’s instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum of 50% of container volume. Drain, pour rinse into application equipment or rinse collection system. Reset this pressure rinse procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill. Store product in original container only. In the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

Pesticide Storage: Store in a cool, dry place.

Net 540 lb Refillable Container

AS Thifensulfuron 50 50% THIFENSULFURON 50
TOTAL 100%

By Weight

- This unit is not for resale. For dispensing into dedicated containers only.
- Do not contaminate water, food, or feed by storage and disposal.
- Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

EPA Reg. No.: 352-925
EPA Est. No.: 352-IL-001

Active Ingredient:
Thifensulfuron-methyl
Methyl 3-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl]aminosulfonyl]-2-thiophenecarboxylate

TOTAL 100%

- 50%
- 50%

Other Ingredients:

- This product has properties and characteristics associated with chemicals detected in groundwater. This product may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.
- This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having high potential for washing surface water via runoff for several days or more after application. A well-maintained, well-equipped buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will substantially reduce any adverse impact to these water features. The product should not be applied directly to streams or bodies of water, and runoff from treated areas should be channeled away from streams and bodies of water by proper drainage systems. Runoff of treated areas should be intercepted and treated, or where practical, allowed by state and local ordnance.
- This product has the potential to move off-site due to wind erosion. Soils that are subject to wind erosion usually have a high silt and/or fine to very fine sand fractions and low organic matter content. Other factors which can affect the movement of windblown soil include the intensity and direction of prevailing winds, vegetative cover, site slope, rainfall, and drainage patterns. Avoid applying this product if prevailing local conditions may be expected to result in off-site movement.
- 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 area. Protect the forage and habitat of non-target organisms by minimizing drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

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Made in U.S.A.
SOLUBLE GRANULE

THIS UNIT IS NOT FOR RESALE. FOR DISPENSING INTO DEDICATED CONTAINERS ONLY.

Active Ingredient
Thifensulfuron methyl
Methyl 3-(((4-methoxy-6-methyl-1,3,5-triazin-2-yl)am ino)carbonyl)am ino)sulfonyl]-2-propionic acid

Other Ingredients

By Weight

Total 100%

50%

50%

KEEP OUT OF REACH OF CHILDREN

CAUTION

If on skin or clothing:
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison center or doctor for treatment advice. Have the product container or label with you when calling a poison center or doctor. Wash thoroughly and put on clean clothing.

FIRST AID

If inhaled:
Remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, call doctor immediately.

If on eyes:
Hold eyelids open with fingers and wash with plenty of water for 15-20 minutes. Call a poison center or doctor for treatment advice. Have the product container or label with you when calling a poison center or doctor. If irritation persists, see a doctor.

Ingestion:
Do not give anything by mouth. If the person is unconscious, do not give anything by mouth. Call a poison center or doctor for treatment advice. Have the product container or label with you when calling a poison center or doctor. Call a doctor immediately if you feel ill.

If on furniture:
Remove clothing that has contaminated it. Wash the furniture if necessary. If the furniture is not washable, discard the contaminated item.

NON-TARGET ORGANISM ADVISORY

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 area. Protect the forage and habitat of non-target organisms by using minimum spray drift. For further guidance and instructions on how to minimize spray drift, refer to the Spray Drift Management section of this label.

GROUP 2 HERBICIDE

STORAGE AND DISPOSAL

Do not store in proximity to food, feed or food storage areas.

Pesticide Disposal: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. In some states, this product may be managed in an approved transfer station.

CONTAINER HANDLING: Refer to the Net Contents section of this product’s labeling for the appropriate “Refillable Container” or “Refillable Container” designation.

Refillable Fiberglass Drums With liners: Refillable container (fiber drum only). Refill Fiber Drum: Refill this fiber drum with AS THIFENSULFURON 50 herbicide containing thifensulfuron methyl only. Do not reuse this fiber drum in any other purpose. Before reusing the fiber drum, thoroughly clean the exterior of the fiber drum. Cleaning the exterior of the fiber drum is a requirement of the person disposing of the fiber drum. Offer the fiber drum for recycling if available or dispose of it in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

All Other Refillable Containers: Refillable container. Refill Container: This container with AS THIFENSULFURON 50 herbicide containing thifensulfuron methyl only. Do not reuse this container for any other purpose other than reusing this container. Before reusing this container, inspect the container for damage such as cracks, punctures, abrasions, worn out threads and closures devices. If damage is found, do not use the container. Contact DuPont at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact DuPont at the number below for instructions. Disposing of Container: Do not reuse or transport this container for any other purpose other than reusing this container. Do not transport if this container is damaged or leaking. If the container is damaged, leaking, or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

Net 35 lb Refillable Container