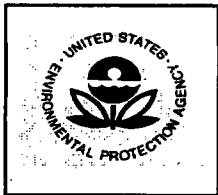


7969-262

11/16/2007

1110



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:
7969-262

Date of Issuance:

NOV 16 2007

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Topramezone 2.8 SC

Name and Address of Registrant (include ZIP Code):

BASF Corporation
26 Davis Drive
P.O. Box 13528
Research Triangle Park, NC 27709-3528

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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Add the phrase "EPA Registration No. 7969-262" to your label before you release the product for shipment.
3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

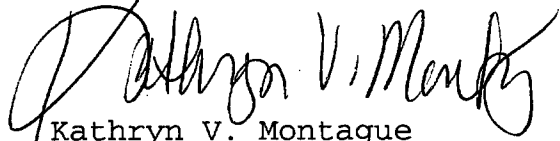
Signature of Approving Official:

Date:

NOV 16 2007

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Kathryn V. Montague
Acting Product Manager (23)
Herbicide Branch
Registration Division (7505P)



The Chemical Company

3/10

Topramezone 2.8 SC

herbicide

For postemergence weed control in all types of field corn, popcorn, or sweet corn.

ACTIVE INGREDIENT:

topramezone [3-(4,5-dihydro-isoxazolyl)- 2-methyl-4-(methylsulfonyl) phenyl] (5-hydroxy-1-methyl-1H-pyrazol-4-yl) methanone 29.7%

INERT INGREDIENTS: 70.3%

TOTAL: 100.0%

(1 gallon contains 2.8 pounds of topramezone free acid)

EPA Reg. No. 7969-xxx

EPA Est. No. _____

**KEEP OUT OF REACH OF CHILDREN.
CAUTION!/PRECAUCION!**

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

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

See inside for **First Aid, Precautionary Statements, Directions For Use, and Conditions of Sale and Warranty.**

Net Contents: _____

BASF Corporation
Agricultural Products
26 Davis Drive
Research Triangle Park, NC 27709

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

NOV 16 2007
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

7969-262

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none"> • 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for **Category A** on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves **Category A**
- Shoes plus socks

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 and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing 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 CONTROLS STATEMENT

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.

ENVIRONMENTAL HAZARDS

DO NOT apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment wash water. **DO NOT** apply this product through any type of irrigation system.

Product must be used in a manner which will prevent back siphoning in wells, spills or improper disposal of excess pesticide, spray mixtures or rinsate.

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 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.

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**.

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 **Category A**
- Shoes plus socks

All applicable directions, restrictions, precautions and **Conditions of Sale and Warranty** are to be followed. This labeling must be in the user's possession during application.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store product in original container only. Store product in a cool, dry place. **DO NOT** store this product under wet conditions. If this product has been stored where freezing temperatures have occurred, agitate or mix contents of container well before use. Avoid cross-contamination with other pesticides.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **DO NOT** reuse container.

In Case of Emergency

In case of large-scale spillage regarding this product, call:
CHEMTREC 1-800-424-9300
BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment.
- Your local poison control center (hospital).
- BASF Corporation 1-800-832-HELP (4357).

I. GENERAL INFORMATION

Topramezone 2.8 SC herbicide is a systemic postemergence herbicide for control or growth suppression of emerged broadleaf and grass weeds in field corn (grown for grain, silage or seed), popcorn (grown for ear, kernel or seed) and sweet corn (grown for ear, kernel or seed). This product may be used on conventional and herbicide resistant/tolerant corn hybrids. BASF has not tested all inbred lines for tolerance to **Topramezone 2.8 SC**. Before using **Topramezone 2.8 SC**, refer to seed company recommendations for use on inbred lines of field corn, popcorn and sweet corn.

When applied as directed at the postemergence broadcast rate of 0.75 fluid ounce per acre,

Topramezone 2.8 SC will control or suppress the broadleaf weeds listed in **Table 1** and the grass weeds listed in **Table 2**.

For best performance, it is recommended that **Topramezone 2.8 SC** be tank mixed with 0.25 to 1.5 lbs active ingredient of atrazine herbicide per acre. Use lower rates of atrazine to provide added burndown of emerged weeds and the higher rates for added soil residual control. Also **Topramezone 2.8 SC** applications must include spray additives (see section III. **ADDITIVES** and section IV. **MIXING ORDER** of this label for details).

Table 1. Broadleaf Weed List, Including ALS¹, Glyphosate and Triazine-Resistant Biotypes
(Apply at the postemergence broadcast rate of 0.75 fl oz/A.)

Annual Broadleaf Weeds	Maximum Size (inches) ²
Amaranth, Palmer	6
Burcucumber	6
Carpetweed	6
Chickweed, Common	4
Cocklebur, Common	8
Jimsonweed	6
Kochia	6
Lambsquarters, Common	6
Mallow, Common	3
; Venice	3 ³
Morningglory sp.	6 ³
Mustard sp.	6

(continued)

Table 1. Broadleaf Weed List, Including ALS¹, Glyphosate and Triazine-Resistant Biotypes (cont.)
(Apply at the postemergence broadcast rate of 0.75 fl oz/A.)

Annual Broadleaf Weeds	Maximum Size (inches) ²
Nightshade, Black , Eastern Black , Hairy	6 6 6
Pigweed, Prostrate , Redroot , Smooth , Tumble	6 6 6 4
Prickly Lettuce	4
Ragweed, Common , Giant	6 8
Shepherdspurse	4
Sida, Prickly	3
Smartweed, Ladysthumb , Pennsylvania	3 3
Sunflower, Volunteer , Wild (common)	8 8
Thistle, Canada , Russian	6 ³ 4
Velvetleaf	8
Waterhemp, Common , Tall	6 6

¹ALS (acetolactate synthase)-resistant weeds include those weeds resistant to the sulfonylurea (e.g. **Spirit**[®] and **Exceed**[®]), imidazolinone (e.g. **Lightning**[®]), or sulfonamide (e.g. **Python**[™]) family of herbicides.

²For best performance, spray before weeds exceed the maximum stem height or vine length listed in this table.

³Growth suppression.

Table 2. Annual Grass Weed List, Including ALS¹-Resistant Biotypes
(Apply at the postemergence broadcast rate of 0.75 fl oz/A.)

Annual Grass Weeds	Maximum Leaf Stage ²	Maximum Size (inches) ²
Barnyardgrass	4	4
Crabgrass, Large , Smooth	4 4	3 3
Cupgrass, Woolly	3 ³	3 ³
Foxtail, Giant , Green , Yellow	4 3 ³ 3 ³	4 3 ³ 3 ³
Goosegrass	4	3
Johnsongrass, Seedling	3 ³	4 ³
Millet, Wild Proso	3	3
Panicum, Fall	3 ³	3 ³
Signalgrass, Broadleaf	3 ³	3 ³

¹ALS-resistant weeds include those weeds resistant to the sulfonylurea (e.g. **Accent**[®] and **Option**[®]) family of herbicides.

²For best performance, spray before grasses exceed the maximum leaf stage and/or height listed in this table.

³Growth suppression.

Mode of Action

Topramezone 2.8 SC herbicide is absorbed by leaves, roots, and shoots and translocated to the growing points of sensitive weeds to provide control of emerged weeds. **Topramezone 2.8 SC** controls weeds by inhibiting carotenoid biosynthesis (HPPD inhibitor). Temperatures and moisture conditions for active plant growth are important for optimum **Topramezone 2.8 SC** activity. **Topramezone 2.8 SC** applications to weeds during periods of stress conditions, such as cold temperatures and/or drought, may result in reduced performance.

Herbicide Resistance

No resistance to **Topramezone 2.8 SC** or cross resistance to other HPPD inhibitor herbicides is known to exist. Repeated applications of a single mode of action in a weed management plan increase the probability of selecting for naturally occurring biotypes* with less susceptibility to herbicides using that mode of action. Therefore, **Topramezone 2.8 SC** should be tank mixed with a herbicide having a different mode of action and/or be used in a rotation with herbicides having a different mode of action. Other HPPD inhibitor herbicides include **Balance**[®] (isoxaflutole) and **Callisto**[™] (mesotrione).

*A weed biotype is a naturally occurring individual within a given species that has a slightly different but distinct genetic makeup from other plants.

Crop Tolerance

Topramezone 2.8 SC should be applied during favorable growing conditions for optimum crop tolerance and weed control. Crops under environmental stress are more likely to show injury from any herbicide application. Rarely, plants under these conditions treated with **Topramezone 2.8 SC** may show some transient bleaching of the portion of the leaves intercepting the spray application. These symptoms are temporary and occur infrequently; crop growth is not affected.

Cultivation

Avoid disturbing (e.g. cultivation) treated areas for at least 7 days following an application of **Topramezone 2.8 SC** to allow best herbicide uptake, translocation, and weed control.

Insecticide Information

Topramezone 2.8 SC may be used sequentially or in combination with soil or foliar applied insecticides registered for use in corn.

Cleaning Spray Equipment

To avoid injury to sensitive crops, drain and clean application equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions, and then triple rinse the equipment before and after applying this product.

II. APPLICATION INSTRUCTIONS

Topramezone 2.8 SC herbicide is effective for post-emergence control of annual weeds in conservation or conventional tillage production systems.

DO NOT apply **Topramezone 2.8 SC** within 30 feet of native plant community.

The applicator is responsible for any loss or damage that results from spraying **Topramezone 2.8 SC** in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

Topramezone 2.8 SC Application

Rate and Timing:

- **DO NOT** exceed a total of 0.75 fluid ounce per treated acre per growing season.
- **Topramezone 2.8 SC** can be applied postemergence up to 45 days prior to corn harvest.
- Apply **Topramezone 2.8 SC** as a postemergence treatment to corn when weeds are actively growing.
- For optimal weed control, apply **Topramezone 2.8 SC** before weeds exceed labeled height.
- **Topramezone 2.8 SC** should be applied a minimum of one hour before rainfall or overhead irrigation.

Coverage

Weeds must be thoroughly covered with spray. Dense leaf canopies shelter small weeds and can prevent adequate spray coverage.

Topramezone 2.8 SC applications should be made with drop nozzles if the crop canopy prevents adequate weed coverage.

Ground Application Methods and Equipment

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. Use higher water volumes treating larger weeds and/or high-density weed infestation. Flat-fan nozzle tips are recommended for postemergence applications. A spray pressure of 20 to 40 psi is recommended.

Spray Drift

DO NOT apply when weather conditions may cause drift to adjacent crops and vegetation; injury may result if this occurs. To avoid spray drift from treated areas, **DO NOT** make applications when wind speeds exceed 10 mph or during periods of temperature inversions.

Use of larger droplet sizes will reduce spray drift. Agriculturally approved drift-reducing additives may also be used.

Aerial Application Methods and Equipment

Uniformly apply with properly calibrated aerial equipment in 2 or more gallons of water per acre. Adequate spray volume must be used to provide accurate and uniform distribution of spray particles over the treated area and to avoid drift of spray particles to non-target areas.

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following **SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS**:

- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- **DO NOT** spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift.

III. ADDITIVES

Postemergence applications of **Topramezone 2.8 SC** require the addition of an adjuvant and a nitrogen fertilizer source to achieve optimum weed control.

I. ADJUVANTS:

Unless specific recommendations are given in section **VII. Crop Use Directions -Tank Mixes**, always use a methylated seed oil (MSO) or a petroleum-based or vegetable seed-based oil concentrate (COC) with **Topramezone 2.8 SC**. For best performance across a wide range of environmental conditions, including when weeds are under moisture and/or temperature stress, use of an MSO adjuvant is recommended. Apply these oil-based adjuvant concentrates at the rates of 1.0 to 1.5 gallons per 100 gallons of water (1.0% to 1.5% v/v). Use the higher rate when making an application during periods of hot, dry weather.

AND

II. NITROGEN FERTILIZER SOURCE:

Recommended nitrogen-based fertilizers include urea ammonium nitrate (UAN; 28 to 34%) or ammonium phosphate (10-34-0) at 1.25 to 2.5 gallons per 100 gallons of water (1.25% to 2.5% v/v). Instead of a liquid fertilizer, spray grade ammonium sulfate (AMS) at a minimum rate of 8.5 to 17 pounds per 100 gallons of water may be used. Use the higher rate when making application during periods of hot, dry weather.

Agriculturally approved drift-reducing additives may be used in applications with **Topramezone 2.8 SC**.

IV. MIXING ORDER

Liquid fertilizer as a carrier for postemergence applications of **Topramezone 2.8 SC** is not recommended. Use only water as a carrier.

WATER:

1. Fill the spray tank $\frac{1}{2}$ to $\frac{3}{4}$ full with clean water.

2. Add the required amount of **Topramezone 2.8 SC herbicide** to the spray tank while agitating.
3. After the **Topramezone 2.8 SC** has visibly dispersed, add spray additives and fill the remainder of the tank with water.

TANK MIX PREPARATION:

When tank mixing **Topramezone 2.8 SC** with recommended herbicides, add the other herbicides and other components in the following order while agitating:

1. Fill spray tank 1/2 to 3/4 full with clean water.
2. Add soluble packet products and thoroughly mix.
3. Add **Topramezone 2.8 SC** and thoroughly mix.
4. Add WP (wetable powder), DG (dispersible granule), DF (dry flowable), or LF (liquid flowable) formulations.
5. Add EC (emulsifiable concentrate) products.
6. Add spray adjuvants to the spray tank.
7. While agitating, fill the remainder of the tank with water.

V. GENERAL TANK MIX INFORMATION

Topramezone 2.8 SC is recommended to be used sequentially or tank mixed with other herbicides as part of a complete weed control program. Tank mix recommendations are for use only in states where the sequential or tank mix product and application site are registered. Refer to section **VII. Crop Use Directions** for more details and for specific tank mix restrictions. Read and follow the applicable **Restrictions and Limitations** and **Directions For Use** on all products included in any tank mix. **The most restrictive labeling applies to tank mixes.**

VI. GENERAL RESTRICTIONS AND LIMITATIONS

- No more than 0.75 fluid ounce per acre (0.0164 lbs ai/acre) of **Topramezone 2.8 SC** may be applied during the growing season.
- In the event of a crop loss due to weather, any corn type can be replanted following an application of **Topramezone 2.8 SC**. If **Topramezone 2.8 SC** was tank mixed with other herbicides, the label restrictions for these herbicides must also be followed.
- **DO NOT** apply **Topramezone 2.8 SC** within 45 days of corn harvest (fresh market sweet corn, silage, fodder, or grain).
- **DO NOT** graze or feed treated corn forage, silage, fodder, or grain for at least 45 days after an application of **Topramezone 2.8 SC**.

ROTATIONAL CROPS GUIDELINE: The following rotational crops may be planted after applying **Topramezone 2.8 SC** at the recommended rate in corn. Planting earlier than the recommended interval may result in crop injury. Avoid over applications by minimizing overlaps of spray swaths and by switching off spray boom when turning (end rows).

Minimum Time From Application to Planting	Crops
Anytime	All types of field corn, sweet corn and popcorn.
Three months	Cereal crops (wheat, barley, oats, and rye).
Nine months	Alfalfa, cotton, peanut, pea, potato, sorghum and sunflower. Soybean (except for geographic areas defined in eighteen months category).
Eighteen months	Soybean – For use in SD, ND, MN, MI, WI, IA (north of I-80), IL (north of I-80) and NE (north of Hwy 92). All other crops not listed in categories above.

VII. CROP USE DIRECTIONS

**Corn
(Field, Pop, Seed, and Sweet)**

Topramezone 2.8 SC can be applied postemergence on all corn types including conventional, **CLEARFIELD®**, **Roundup Ready®**, and **LibertyLink®** hybrids. In addition, **Topramezone 2.8 SC** may be used on inbred lines used in field corn, popcorn and sweet corn seed production. Refer to seed company recommendations before use on inbred lines.

Topramezone 2.8 SC may be used in tank mixtures or sequential applications with other herbicides registered for use in corn. If **Topramezone 2.8 SC** is tank mixed with other herbicides, the label restrictions for the most restrictive of the tank mix products should be followed.

TANK MIXES

Recommended Tank Mixes for Postemergence Applications of Topramezone 2.8 SC when used at 0.75 fluid ounces per acre include:

- | | |
|------------------------------|------------------------------|
| 2,4-D ¹ | Harness® |
| atrazine | Harness® Xtra |
| Basagran® | Hornet™ |
| Bicep II Magnum® | Keystone™ |
| Bicep Lite II Magnum® | Keystone™ LA |
| Buctril® | Laddok® |
| Cinch® | Marksman®¹ |
| Clarity®¹ | Outlook® |
| Degree™ | Permit® |
| Degree Xtra® | Prowl® H₂O |
| Distinct®¹ | Stinger™ |
| Dual II Magnum® | Surpass™ |
| G-Max Lite™ | TopNotch™ |
| Guardman Max® | Tough® |

Recommended Tank Mixes for Postemergence Applications of Topramezone 2.8 SC herbicide when used at 0.5 to 0.75 fluid ounces per acre include²:

Accent[®]
 glyphosate brands
Liberty[®]
Lightning[®]
Option[®]

Roundup[®] brands
Steadfast[®]
Stout[™]
Touchdown[®] brands

¹Use of methylated seed oil (MSO) or crop oil concentrate (COC) in tank mixes of **Topramezone 2.8 SC** plus 2,4-D, **Clarity[®]**, **Distinct[®]**, or **Marksman[®]** may result in crop injury if applied during periods of cold, wet weather or hot and/or humid weather. Under these environmental conditions, the use of a nonionic surfactant in place of an oil-based adjuvant is recommended.

²**Topramezone 2.8 SC** may be applied at a reduced rate of 0.5 to 0.75 fluid ounce per acre to provide additional control of emerged broadleaf weeds when used in tank mixes with listed postemergence herbicides. For best performance on targeted broadleaf weeds, **DO NOT** exceed the maximum labeled weed height found in **Table 1** under **General Information**.

Topramezone 2.8 SC tank mixes or sequential applications with products containing mesotrione (e.g. **Callisto[™]**, **Lumax[®]**, **Camix[®]**, **Lexar[™]**) are not recommended.

Sequential Herbicide Combinations and Uses

In addition to control of many emerged broadleaf weeds, **Topramezone 2.8 SC** controls or suppresses growth of several emerged grass weed species. To target a broader spectrum of grasses, **Topramezone 2.8 SC** should be used as a sequential postemergence treatment following a preemergence grass herbicide such as **Outlook[®]**, **Prowl[®]**, **Guardsman Max[®]**, **Dual II Magnum[®]**, **Harness[®]**, or **Surpass[™]**. **Topramezone 2.8 SC** may also be used in sequential programs with registered burn-down herbicides.

Topramezone 2.8 SC may be applied in sequence with products containing isoxaflutole (e.g. **Balance[®] Pro**, **Epic[®]**) if the isoxaflutole rate used is less than or equal to 0.0625 pounds active ingredient per acre (equal to 2 fluid ounces per acre of **Balance Pro**).

Pests Listed in this Label

Common Name	Scientific Name
Amaranth, Palmer	<i>Amaranthus palmeri</i>
Barnyardgrass	<i>Echinochloa crus-galli</i>
Burcucumber	<i>Sicyos angulatus</i>
Carpetweed	<i>Mollugo verticillata</i>
Chickweed, Common	<i>Stellaria media</i>
Crabgrass, Large	<i>Digitaria sanguinalis</i>
, Smooth	<i>Digitaria ischaemum</i>
Cocklebur, Common	<i>Xanthium strumarium</i>
Cupgrass, Woolly	<i>Eriochloa villosa</i>
Foxtail, Giant	<i>Setaria faberi</i>
, Green	<i>Setaria viridis</i>
, Yellow	<i>Setaria lutescens</i>
Goosegrass	<i>Eleusine indica</i>
Jimsonweed	<i>Datura stramonium</i>
Johnsongrass	<i>Sorghum halepense</i>
Kochia	<i>Kochia scoparia</i>
Lambsquarters, Common	<i>Chenopodium album</i>
Mallow, Common	<i>Malva neglecta</i>
, Venice	<i>Hibiscus trionum</i>
Millet, Wild Proso	<i>Panicum miliaceum</i>
Morningglory	<i>Ipomoea sp.</i>
Mustard	<i>Brassica sp.</i>
Nightshade, Black	<i>Solanum nigrum</i>
, Eastern Black	<i>Solanum ptycanthum</i>
, Hairy	<i>Solanum sarrachoides</i>
Panicum, Fall	<i>Panicum dichotomiflorum</i>
Pigweed, Prostrate	<i>Amaranthus blitoides</i>
, Redroot	<i>Amaranthus retroflexus</i>
, Smooth	<i>Amaranthus hybridus</i>
, Tumble	<i>Amaranthus album</i>
Prickly Lettuce	<i>Latuca serriola</i>
Ragweed, Common	<i>Ambrosia artemisiifolia</i>
, Giant	<i>Ambrosia trifida</i>
Shepherdspurse	<i>Capsella bursa-pastoris</i>
Sida, Prickly	<i>Sida spinosa</i>
Signalgrass, Broadleaf	<i>Brachiaria platyphylla</i>
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</i>
, Ladythumb	<i>Polygonum persicaria</i>
Sunflower, Volunteer	<i>Helianthus sp.</i>
, Wild (common)	<i>Helianthus annuus</i>
Thistle, Canada	<i>Cirsium arvense</i>
, Russian	<i>Salsola iberica</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Waterhemp, Common	<i>Amaranthus rudis</i>
, Tall	<i>Amaranthus tuberculatus</i>

Conditions of Sale and Warranty

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