



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Jeffrey H. Birk, Ph.D.
BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709-3528

DEC 7 2011

Dear Dr. Birk:

Subject: Two Supplemental Labels
Armezon Herbicide
EPA Registration No. 7969-262
Your e-mail Submissions Dated September 12, 2011

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you submit one (1) copy of your final printed labeling before you release the product for shipment.

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

If you have any questions concerning this letter, please call Mr. James Stone at 703-305-7391.

Sincerely yours,

A handwritten signature in black ink that reads "Kathryn V. Montague".

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

Enclosure

ACCEPTED
DEC 7 2011
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-262

Supplemental Label

Armezon™

HERBICIDE

Increased seasonal maximum use rate in field corn, popcorn, and sweet corn

This supplemental label expires September 15, 2014.

Active Ingredient:

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

Other Ingredients: 70.3%

Total: 100.0%

1 gallon contains 2.8 pounds of topramezone free acid.

EPA Reg. No. 7969-262

Directions For Use

Refer to the Armezon™ herbicide main label, EPA Reg. No. 7969-262, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Armezon container label in possession at the time of pesticide application.

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

Use Information

Armezon may be applied in field corn (grown for grain, silage, or seed); popcorn (ear, kernel, or seed); and sweet corn (ear, kernel, or seed) as a single application or multiple applications within the growing season.

DO NOT exceed the maximum cumulative application rate of 1.0 fl oz/A per season.

A single application at 1.0 fl oz/A may be used to control the following additional weeds if they have not exceeded the 3-leaf growth stage:

- Broadleaf signalgrass
- Fall panicum
- Seedling johnsongrass
- Yellow foxtail
- Woolly cupgrass

Refer to the container label for recommended spray adjuvants and tank mixtures.

Restrictions and Limitations

- **Maximum seasonal use rate - DO NOT** apply more than 1.0 fl oz/A Armezon (0.022 lb topramezone/A) during the growing season.
- For crop loss because of weather, any corn type can be replanted following an Armezon application.
- **DO NOT** apply Armezon 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 Armezon.

Amended Rotational Crop Restrictions

NOTE: The **Rotational Crop Restrictions** on this supplemental label supersede the **Rotational Crop Restrictions** on the container label.

The following rotational crops may be planted after applying **Armezon** at 1.0 fl oz/A.

Planting earlier than the specified interval may result in crop injury. Avoid overapplication by minimizing overlap of spray swaths and by switching off spray boom when turning (end rows).

Plant-back Interval (months)	Crops
Anytime	Corn - All types of field corn, sweet corn, popcorn
3	Cereal crops - barley, oats, rye, wheat Grass grown for seed
9	Alfalfa, cotton, peanut, potato, sorghum, soybean, sunflower Idaho, Oregon, and Washington ONLY: dry bean (excluding cranberry bean), snap bean, pea, sugarbeet
18	All other crops not listed in categories above

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



The Chemical Company

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ACCEPTED
DEC 7 2011
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-262

Supplemental Label

Armezon™ HERBICIDE

Weeds controlled or suppressed with Armezon™ herbicide applied at 0.50 fl oz/A for use in field corn, popcorn, and sweet corn

Amended rotational interval for dry bean, snap bean and sugarbeet

This supplemental label expires September 15, 2014.

Active Ingredient:

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

Other Ingredients: 29.7%
Total: 70.3%
..... 100.0%

1 gallon contains 2.8 pounds of topramezone free acid.

EPA Reg. No. 7969-262

Directions For Use

Refer to the Armezon™ herbicide main label, EPA Reg. No. 7969-262, for complete Directions For Use and all applicable restrictions and precautions. When following the instructions on this supplemental label, the user must have this label and the entire Armezon container label in possession at the time of pesticide application.

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

Use Information

Armezon may be applied at the rate of 0.50 to 0.75 fl oz/A.

When applied as directed at the reduced postemergence broadcast rate of 0.5 fl oz/A, Armezon will control or suppress the broadleaf weeds listed in Table 1 and suppress the grass weeds listed in Table 2.

Apply Armezon sequentially or tank mix with other herbicide(s) for increased soil residual control or weeds controlled.

Weeds* Controlled or Suppressed at 0.50 fl oz/A Postemergence Broadcast

Table 1. Annual Broadleaf Weeds* Controlled or Suppressed at 0.50 fl oz/A

Common Name	Maximum Size ² (inches)
Amaranth, Palmer	4
Amaranth, Powell	4
Burcucumber	4
Carpetweed	4
Chickweed, common	2
Cocklebur, common	5
Galinsoga, hairy	4
Henbit	3
Horseweed (Marestail)	4
Jimsonweed	4
Kochia	4

(continued)

Table 1. Broadleaf Weeds* Controlled or Suppressed at 0.50 fl oz/A (continued)

Common Name	Maximum Size ² (inches)
Lambsquarters, common	4
Lettuce, prickly	2
Mallow, common	2
Mallow, Venice	2 ³
Morningglory spp.	4 ³
Mustard spp.	4
Nightshade, black	4
Nightshade, Eastern black	4
Nightshade, hairy	4
Pigweed, prostrate	4
Pigweed, redroot	4
Pigweed, smooth	4
Pigweed, tumble	2
Pusley, Florida	2
Ragweed, common	4
Ragweed, giant	5
Shepherdspurse	2
Sida, prickly	2
Smartweed, ladythumb	2
Smartweed, Pennsylvania	2
Sunflower, volunteer	5
Sunflower, wild (common)	5
Thistle, Canada	4 ³
Thistle, Russian	2
Velvetleaf	4
Waterhemp, common	4
Waterhemp, tall	4

* Including ALS¹, glyphosate and triazine-resistant biotypes

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

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

³ Partially controlled or suppressed

Table 2. Grass Weeds Suppressed at 0.5 fl oz/A

Common Name	Maximum Leaf Stage ¹	Maximum Size ¹ (inches)
Barnyardgrass	4	4
Crabgrass, large	4	3
Crabgrass, smooth	4	3
Cupgrass, woolly	3	3
Foxtail, giant	4	4
Foxtail, green	3	3
Foxtail, yellow	3	3
Goosegrass	4	3
Johnsongrass, seedling	3	4
Millet, wild proso	3	3
Panicum, fall	3	3
Shattercane	3	4
Signalgrass, broadleaf	3	3

¹ For best performance, spray before grass exceeds the maximum leaf stage and/or height listed in this table.

Amended Rotational Crop Restrictions

NOTE: The **Rotational Crop Restrictions** on this supplemental label supersede the **Rotational Crop Restrictions** on the container label.

Normal growth of dry beans, snap beans, or sugarbeets is expected following **Armezon™ herbicide** use the previous season; however, varied environmental and agronomic factors make it impossible to eliminate all risks of possible crop injury.

If the **Armezon**-treated corn crop is furrow-irrigated, thoroughly mix and level soil in the furrowed field following harvest in the fall prior to spring planting of dry beans or snap beans.

**Dry Bean, Snap Bean, and Sugarbeet
Rotational Crop Restrictions**

0.75 fl oz/A

When **Armezon** is uniformly broadcast applied at **0.75 fl oz/A**, dry bean, snap bean, or sugarbeet may be planted back into treated area nine (9) months or more after application **except in the states of Colorado, Michigan, Minnesota, Montana, Nebraska (west of Highway 83), North Dakota, South Dakota, Wisconsin, Wyoming**

**Dry Bean or Snap Bean
Rotational Crop Restrictions**

0.50 fl oz/A

When **Armezon** is uniformly broadcast applied at **0.50 fl oz/A**, dry bean or snap bean may be planted back into treated area nine (9) months or more after application in the states of **Colorado, Michigan, Minnesota, Montana, Nebraska (west of Highway 83), North Dakota, South Dakota, Wisconsin, Wyoming**

Conditions of Sale and Warranty

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BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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