

7969-138

1-12-2004

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Melvin Graben  
BASF Corporation  
26 Davis Dr., P.O. Box 13528  
Research Triangle Park, NC 27709-3528

JAN 12 2004

Dear Mr. Graben:

Subject: Isopropylamine Salt of Dicamba  
EPA Registration Number 7969-138  
Application Dated December 16, 2003

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable, provided you make the following changes before you release the product for shipment.

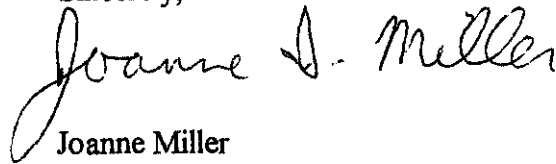
1. It is recommended you add a "Note to Physician" section after Hotline Number under FIRST AID statements, with appropriate directions following.
2. Change "Causes eye irritation" to "Causes substantial but temporary eye injury" under PRECAUTIONARY STATEMENTS. Also add "Wear protective eyewear."
3. Remove "In case of contact, wash skin with soap and water, for eyes, flush with water for 15 minutes and get medical attention." from under Precautionary Statements
4. Add chemical resistant gloves to Personal Protective Equipment.
5. Change "waterproof gloves" to "Chemical resistant gloves made of any waterproof material" under Agricultural Use Requirements.
6. Change the subheading "STORAGE" to "PESTICIDE STORAGE" under STORAGE AND DISPOSAL.
7. Move the phrase "Do not contaminate water, food, or feed by storage and disposal" to directly following the heading STORAGE AND DISPOSAL, and before the subheading "PESTICIDE STORAGE".
8. Under the sections RATES AND TIMINGS and TANK MIX TREATMENTS, make sure the headings for these sections do not interfere with the text that follows.

9. Remove extra slash (/) under TANK MIX TREATMENTS for the rate of atrazine per treated acre.

Submit three (3) copies of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,



Joanne Miller  
Product Manager 23  
Herbicide Branch  
Registration Division (7505C)

# BASF

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JAN 12 2004

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
7969-138

## ISOPROPYLAMINE SALT OF DICAMBA FOR USE IN REDUCED TILLAGE FALLOW SYSTEMS

### FOR USE IN REDUCED TILLAGE FALLOW SYSTEMS

**Active Ingredient:**

Isopropylamine salt of dicamba  
3,6-dichloro-o-anisic acid\* .....40.32%

**Inert Ingredients:** .....59.68%

**Total** .....100.0%

\*This product contains 31.81% 3,6-dichloro-o-anisic acid (dicamba) or 3 pounds per gallon (360 g/L)

EPA Reg. No. 7969-138

EPA Est. No.

**Net contents:**

**KEEP OUT OF REACH OF CHILDREN.  
WARNING/AVISO**

Si usted no entiende la etiqueta, busque a alguien 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.)

See inside panel for additional precautionary statements.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> <li>•Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>•Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.</li> <li>•Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>•Take off contaminated clothing.</li> <li>•Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>•Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>•Call a poison control center or doctor immediately for treatment advice.</li> <li>•Have person sip a glass of water if able to swallow.</li> <li>•Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>•Do not give anything by mouth to an unconscious person.</li> </ul>
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)	

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING**

Causes eye irritation. Do not get in eyes, on skin, or on clothing. Harmful if swallowed. Avoid breathing spray mist. In case of contact, wash skin with soap and water; for eyes, flush with water for 15 minutes and get medical attention.

**Personal Protective Equipment:**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear

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, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering controls statements:**

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 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 HAZARDS**

Keep out of lakes, streams or ponds. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as directed on label.

**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 24 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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Do not apply this product through any type of irrigation system

Refer to the DIRECTIONS FOR USE booklet attached to this container for proper use directions and additional precautionary statements.

## STORAGE AND DISPOSAL

### STORAGE

Do not contaminate water, food or feed by storage or disposal.

Store in original container in a well-ventilated area separately from fertilizer, feed and foodstuffs. Avoid cross-contamination with other pesticides. Spillage or leakage should be contained and absorbed with clay granules, saw dust, or equivalent material for disposal.

### PESTICIDE DISPOSAL

Triple rinse pesticide from containers and use rinsates in the pesticide application. Wastes which cannot be used according to label instructions may be disposed of on site or at an approved waste disposal facility.

### CONTAINER DISPOSAL

Plastic or Metal: After triple rinsing (or equivalent), offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities, such as burning of plastic containers. If burned, stay out of smoke.

### 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 should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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. 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. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, 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.

(DIRECTIONS FOR USE)

IPA SALT OF DICAMBA

DIRECTIONS FOR USE: IT IS 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 24 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
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

FOR USE IN REDUCED TILLAGE FALLOW SYSTEMS.

THIS LABEL MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION.

EPA REG. NO.: 7969-138

CONTENTS

- IMPORTANT
- WEEDS CONTROLLED
- RATES AND TIMINGS
- TANK MIX TREATMENTS
- PLANTBACK CROPS.
- REGISTERED TRADEMARKS

**IPA SALT OF DICAMBA**

For annual broadleaf weed control in Reduced Tillage Fallow (RTF) Systems.

**DIRECTIONS FOR USE**

**BEFORE USING IPA SALT OF DICAMBA READ AND FOLLOW THE PRECAUTIONS APPEARING ON THE CONTAINER.**

**IMPORTANT**

Do not contaminate irrigation ditches or water used for domestic purposes.

Do not graze or harvest for livestock feed prior to crop maturity.

Do not apply to sorghum grown for seed production.

Broadleaf crops are sensitive to IPA Salt of Dicamba and contact may result in crop injury. Do not apply when weather conditions favor drift from target areas.

Consult your local or state authorities for possible application restrictions and advice concerning these and other special local use situations.

**REFER TO THE CONTAINER LABEL FOR INSTRUCTIONS CONCERNING DISPOSAL OF WASTE AND CLEANING RINSES.**



WEEDS CONTROLLED

IPA Salt of Dicamba, when applied at recommended rates, will control the following ANNUAL broadleaf weeds or give growth suppression of the following PERENNIAL broadleaf weeds.

ANNUALS

buckwheat, wild  
chickweed, common  
clover  
cockle, com  
cocklebur  
cowcockle  
gromwell  
henbit  
knotweed spp.  
kochia  
lambsquarters, common  
lettuce, prickly  
mayweed  
mustard, tumble  
mustard, wild  
nightshade, cutleaf (<2")  
pennycress, field

pigweed, prostrate  
pigweed, redroot  
pigweed, smooth  
pigweed, tumble  
puncturevine  
purslane, common  
ragweed, common  
shepherdspurse  
spurry, com  
sunflower, common  
sunflower, volunteer  
tansymustard  
thistle, musk  
thistle, Russian  
velvetleaf

PERENNIALS

alfalfa  
bindweed, field  
bursage  
dogbane, hemp

sowthistle, perennial  
thistle, Canada  
whiteweed

## RATES AND TIMINGS

Apply IPA Salt of Dicamba as a broadcast or spot treatment to emerged and actively growing weeds during the fallow period.

Ground or aerial application equipment which will give good spray coverage of weed foliage should be used. Apply 5 to 40 gallons of diluted spray per treated acre when using ground application equipment or 3 to 5 gallons of diluted spray per treated acre when using aerial application. Spray additives such as surfactants or oils may be used to enhance spray coverage and herbicide's penetration of weed foliage. Use the higher rate when treating dense weed growth.

- For control of actively growing kochia, redroot pigweed, lambsquarters, wild buckwheat, and Russian thistle that are less than 4 inches in height, apply 8 ounces per treated acre.
- For control of listed annual broadleaf weeds that are less than 6 inches in height, apply 13 ounces per treated acre.
- For suppression of listed perennial broadleaf weeds, apply 13 ounces per treated acre.

Avoid disturbing treated areas for at least 7 days following application. These treatments may not kill weeds which develop from seed or underground plant parts, such as rhizomes or bulbets. A follow-up program for seedling control or other cultural practices should be instituted. When sorghum is to be planted do not exceed 1 pint per growing season. See PLANTBACK CROPS section for recommended interval between application and planting to prevent crop injury.

Maximum application rate of the IPA salt of dicamba per growing season is 13 ounces (0.3 lbs. dicamba) per acre.

## TANK MIX TREATMENTS

IPA Salt of Dicamba may be tank mixed with one or more of the following herbicides for control of grasses or additional annual broadleaf weeds. Read and follow the label of each tank mix product used for precautionary statements, directions for use, rates and timings, weeds controlled and geographic or other restrictions.

Herbicide	Rate per treated acre (lbs. a.i.)
atrazine	1/2 to 3
chlorsulfuron (Glean®)*	0.016 to 0.024 (1/3-1/2 wt. oz. prod.)
cyanazine (Bladex®)	1 3/5 to 3 1/5
glyphosate (Roundup®)	1/4 to 1/2
metribuzin (Sencor®, Lexone®)	1/3 to 3/4
paraquat	1/2 to 1
promamide (Kerb®)	1/4 to 3/8
2,4-D	1/4 to 1/2

\*must use surfactant in tank mix

## PLANTBACK CROPS

Wheat, sorghum, barley and oats may be planted into treated areas. Spot applications may be made anytime prior to crop emergence if crop injury can be tolerated in treated areas. Injury may occur if the interval between application and planting is less than specified. Delay planting 15 days per 1/2 pint IPA Salt of Dicamba per treated acre. Exclude days when ground is frozen.

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**REGISTERED TRADEMARKS**

Glean® and Lexone® are registered trademarks of E.I. duPont de Nemours and Company, Inc.  
Sencor® is a registered trademark of Mobay Chemical Corporation  
Roundup® is a registered trademark of Monsanto Agricultural Products Company  
Bladex® is a registered trademark of Shell Chemical Company  
Kerb® is a registered trademark of Rohn and Haas Company

**THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION**

**USE PESTICIDES PROPERLY**

**PROSPER WITH PESTICIDES BY USING THEM PROPERLY! READ AND FOLLOW LABEL DIRECTIONS**

**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 should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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. All such risks shall be assumed by the Buyer.

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**BASF**

BASF Corporation  
Research Triangle Park, NC 27709