

PM 22

62719-13

File 19 12



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

JAN 14 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Larry E. Hammond  
DOWELANCO  
QUAD IV 9002 PURDUE RD  
INDIANAPOLIS, IN 46268

Subject: Label Amendment Submission of 08/17/93 in Response to PR Notice 93-7  
EPA Reg. No. 62719-13  
DOWELANCO MCP AMINE HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.

**BEST AVAILABLE COPY**



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Larry E Hammond  
DOWELANCO  
QUAD IV 9002 PURDUE RD  
INDIANAPOLIS IN 46268

Subject: Label Amendment Submission of 08/17/93  
to Comply with WPS Labeling Requirements  
EPA Reg Nr. 62719-13  
DOWELANCO MCP AMINE HERBICIDE

The following specific comments pertain to your  
WPS labeling submission concerning the product  
cited above:

You have incorrect wording in the first paragraph in the  
Agricultural Use Requirements box on your proposed label.  
That paragraph must contain the exact wording of the  
paragraph shown as "2" in Section F on Part 2 of the Product  
Worksheet in Supplement Three-A to PR Notice 93-7.

The statement on your proposed label that references the  
Agricultural Use Requirements box in your proposed  
supplemental labeling contains incorrect language. Use the  
exact text and placement of the referral statement as shown  
on page 43 in Supplement Three to PR Notice 93-7.

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WPS Labeling

(Editor's Note: Deleted text indicated by strike-through and added text underlined)  
EPA text accepted via notification 10/19/92 (see revisions section at end of label).

(Container Label)

(logo) DowElanco

**MCP Amine**  
**Herbicide**

For the Selective Control of Many Broadleaf Weeds in Flax, Small Grains, Rice, and Clover, Alfalfa and Grass Pastures; for Whitebrush Control; and for Weed Control in Non-Crop Areas

Active Ingredient(s):

2-methyl-4-chlorophenoxyacetic acid, dimethylamine salt ..... 52.1%

Inert Ingredients ..... 47.9%

Contains Dimethylamine Salt† of MCPA

Acid Equivalent: 4 pounds per gallon.

†Salts are the least volatile forms of MCPA and do not release enough vapors from treated areas to reduce yield of adjacent susceptible crops.

**Precautionary Statements**

Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

**DANGER**

**PELIGRO**

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.)

**Causes Irreversible Eye Damage • Harmful If Swallowed**

Do not get in eyes. Avoid contact with skin or clothing. Avoid breathing spray mist. ~~Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.~~

Under the Federal Insecticide, Fungicide, and Rodenticide Act amended, for the pesticide registered under EPA Reg. No. 6-219-132

ACCEPTED WITH COMMENTS  
EPA Letter 89-01  
JAN 7 1994

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- 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 enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protections 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.

**BEST AVAILABLE COPY**

**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.

**First Aid**

**If in eyes:** Flush with plenty of water for at least 30 minutes. Get medical attention.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If swallowed:** Do not induce vomiting. Call a physician.

**Environmental Hazards**

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters or rinsate.

**Physical or Chemical Hazards**

Do not cut or weld container.

**Refer to label booklet for additional precautionary information including Personal Protective Equipment (PPE), and Directions for Use including Agricultural Use Requirements and Storage and Disposal.**

**Notice:** Read the entire label before using. Use only according to label directions. **Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" in label booklet.**

In case of an emergency endangering health or the environment involving this product, call collect 517-636-4400.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-13

EPA Est. 464-MI-1

\*Trademark of DowElanco

DowElanco • Indianapolis, IN 46268, U.S.A.

**Specialty Herbicide  
Net Contents - XX Gal**

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(Label Booklet)

(logo) DowElanco

# MCP Amine

## Herbicide

**For the Selective Control of Many Broadleaf Weeds in Flax, Small Grains, Rice, and Clover, Alfalfa and Grass Pastures; for Whitebrush Control; and for Weed Control in Non-Crop Areas**

**Active Ingredient(s):**

2-methyl-4-chlorophenoxyacetic acid, dimethylamine salt ..... 52.1%

**Inert Ingredients** ..... 47.9%

Contains Dimethylamine Salt† of MCPA

Acid Equivalent: 4 pounds per gallon.

†Salts are the least volatile forms of MCPA and do not release enough vapors from treated areas to reduce yield of adjacent susceptible crops.

**Keep Out of Reach of Children**

### DANGER

### PELIGRO

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.)

**Refer to inside of label booklet for additional precautionary information including Personal Protective Equipment (PPE), and Directions for Use including Agricultural Use Requirements and Storage and Disposal.**

**Notice:** Read the entire label before using. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" in label booklet.

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DowElanco • Indianapolis, IN 46268, U.S.A.

## Precautionary Statements

### Hazards to Humans and Domestic Animals

Keep Out of Reach of Children

### **DANGER**

### **PELIGRO**

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### **Causes Irreversible Eye Damage • Harmful If Swallowed**

~~Do not get in eyes. Avoid contact with skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.~~

### Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- 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 enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protections 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.

### **First Aid**

**If in eyes:** Flush with plenty of water for at least 30 minutes. Get medical attention.

**If on skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.

**If swallowed:** Do not induce vomiting. Call a physician.

### **Environmental Hazards**

Drift or runoff may adversely affect nontarget plants. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters or rinsate.

### **Physical or Chemical Hazards**

Do not cut or weld container.

**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.

**Note to User - Reentry**

~~Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. The front panel **Precautionary Statements** should be read to workers as well as the instructions not to enter until sprays have dried. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: **WARNING, Area treated with MCP Amine Herbicide on (date of application). Do not enter without appropriate protective clothing or until sprays have dried. (Insert here Statements of Practical Treatment as on front panel.)**~~

**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 exemptions 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 48 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

**STORAGE AND DISPOSAL**

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

**Storage:** Keep container tightly closed when not in use. DowElanco MCP Amine, exposed to subfreezing temperatures, should be warmed to at least 40° F and mixed thoroughly before using.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. 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 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 other procedures approved by state and local authorities.

## **General Information**

Apply DowElanco MCP Amine Herbicide during warm weather when weeds are young and growing actively. Obtain uniform spray coverage for best results. Weeds that can be controlled include beggarticks, burdock, buttercup, catsear, cocklebur, croton, burcucumber, galinsoga, goatsbeard, hempnettle, honeysuckle, jimsonweed, lambsquarters, marshelder, pennycress, pepperweed (annual), plantain, puncturevine, ragweed, redstem, shepherdspurse, sicklepod, sneezeweed, stinkweed, whitebrush, wild mustard, witchweed, yellowrocket and other species.

Generally, the lower dosages listed will be satisfactory for young, succulent growth of sensitive weed species. For less sensitive species and under conditions where control is more difficult, the higher dosages will be needed. Use moderate spray pressure (20 pounds) and enough spray volume for good coverage, usually 5 to 20 gallons per acre by ground equipment and at least 3 to 5 gallons per acre by air. Higher spray volumes may be useful in some situations to provide better spray coverage of weed foliage and to reduce spray drift. The use of adjuvants such as wetting agents may increase herbicidal effectiveness but may increase risk of crop injury.

**Do not apply where spray drift may be a problem due to proximity of susceptible crops or other desirable plants. Read and follow all Use Precautions given on this label.**

### **General Use Precautions**

**Chemigation:** Do not apply this product through any type of irrigation system.

**Avoid contact with MCPA susceptible crops and other desirable broadleaf plants.** DowElanco MCP Amine herbicide is injurious to most broadleaf plants. Therefore, do not apply directly to or otherwise permit even minute amounts (as in spray mist) to contact cotton, grapes, tobacco, fruit trees, vegetables, flowers, ornamentals or other desirable plants susceptible to MCPA. Do not use in or near a greenhouse.

**Do not apply in the vicinity of cotton, grapes, tobacco, tomatoes, or other desirable MCPA susceptible crops or ornamental plants.**

**Do not spray when wind is blowing toward susceptible crops or ornamental plants.**

**Avoid Spray Drift:** Applications should be made only when there is no hazard from spray drift since very small quantities of the spray, which may not be visible, may severely injure susceptible crops during both growing and dormant periods. Use coarse sprays to minimize drift since, under certain weather conditions, fine spray droplets may drift a mile or more. A spray thickening agent such as Nalco-Trol may be used with this product to aid in reducing spray drift. If used, follow all use recommendations and precautions on the product label.

**Ground Equipment:** With ground equipment, spray drift can be lessened by keeping the spray boom as low as possible; by applying 20 gallons or more of spray per acre; by using no more than 20 pounds spraying pressure with large-droplet producing nozzle tips; by spraying when wind velocity is low; and by stopping all spraying when wind exceeds 8 miles per hour. Do not apply with hollow cone-type insecticide or other nozzles that produce hazardous amounts of fine spray droplets.

**Determine Air Movement and Direction Before Foliar Application:** Use a smoke generator or other means at or near the application site for the detection of air movement, air stability or temperature inversions. Such a condition exists when there is little or no wind and air temperature is lower near the ground than at higher levels. Use appropriate drift control measures or avoid application when smoke is moving toward nearby desirable susceptible plants or sensitive areas.

**Aerial Application:** With aircraft, drift can be lessened by applying a coarse spray; by using no more than 20 pounds spray pressure at the nozzles; by using nozzle types and positions which do not produce



fine spray droplets; by using a spray boom no longer than 3/4 the wing or rotor span of the aircraft; and by spraying only when wind velocity is less than 6 mph.

Excessive amounts of this herbicide in the soil may temporarily inhibit seed germination or plant growth. Violent windstorms may move soil particles. If MCPA is on soil particles and they are blown onto susceptible plants, visible symptoms may appear. Serious injury is unlikely. The hazard of movement of MCPA on dust is reduced if treated fields are irrigated or if rain occurs shortly after application.

To avoid injury to desirable plants, do not handle or apply other agricultural chemicals with the same equipment used for MCPA unless appropriately cleaned first. Local conditions may affect the use of herbicides. Consult your State Agricultural Experiment Station or Extension Service weed specialist for cleaning methods which are in compliance with local regulations and for advice in selecting treatments from this label to best fit local conditions. Be sure that the use of this product conforms to all applicable regulations. Apply this product only as specified on this label.

**Mixing and Loading:** Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**Cleaning of Equipment:** When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

## Preparing the Spray

Mix DowElanco MCP Amine with water, unless otherwise directed on this label. Fill the mixing tank or spray tank about half full with water, then add the required amount of DowElanco MCP Amine with agitation, and finally add the rest of the water with continuing agitation. **Note:** Adding oil, wetting agent or other surfactant to the spray may reduce selectivity to crops, possibly resulting in crop injury.

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## Approved Uses

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### Crop Uses

**Agricultural Use Requirements for Crops:** For the following crop uses, follow PPE and Reentry instructions in the "Agricultural Use Requirements" section of this label.

### Weed Control in Flax

For control of susceptible weeds, use 1/2 pint of DowElanco MCP Amine per acre. Treat flax when 3 to 6 inches tall **before** buds begin to form. Rates of 3/4 to 1 pint per acre may be needed to control some weeds such as wild buckwheat, smartweed and thistles but flax may be injured at these rates. Consult local Extension Service or University Specialists for advice on herbicide use in flax. Do not forage or graze meat animals on treated areas within seven days of slaughter.

### Weed Control in Small Grains

**Note:** Do not permit dairy animals or meat animals being finished for slaughter to forage or graze treated grain fields within 2 weeks after treatment. Do not forage or graze meat animals on treated areas within seven days of slaughter.

**Wheat, Barley, Oats and Rye Not Underseeded to Legumes:** Use 1/2 to 1 pint of DowElanco MCP Amine per acre for the more susceptible weeds when grains are in the 3 to 5 leaf stage or up to early boot stage. Apply when weeds are very small for best results. Use up to 3 pints DowElanco MCP Amine

per acre for less susceptible weeds after crop has tillered but not later than early boot stage. Do not apply during the boot to dough stage of the grain.

**Wheat, Barley, Oats and Rye Underseeded to Alfalfa, Birdsfoot Trefoil, Lespedeza, Red, White, or Ladino Clover:** For emergency control of susceptible weeds such as mustard and lambsquarters, use 1/3 to 1/2 pint of DowElanco MCP Amine per acre as soon as possible after weeds emerge, but after seedling grain is at least 3 inches tall. The grain and weeds should form a protective canopy over the clover seedlings. Treatment may be made up to the full tiller stage but not in the boot to dough stages of the grain. To control certain weed species, 1 pint per acre may be needed. Do not use where small seeded legumes, especially vetch, sweet clover, trefoil or alfalfa, are seeded unless injury to them can be tolerated.

### **Weed Control in Rice**

For control of certain broadleaf weeds and sedges, apply 2 to 3 pints of DowElanco MCP Amine in 10 to 30 gallons of water per acre. Treat when rice is fully tillered and 6 to 8 inches above water, usually 35 to 65 days after planting. Do not treat when rice is in the early seedling, boot or early heading stages, or when air temperature is over 90°F. Some rice varieties may be less tolerant to MCPA than others. Consult your Agricultural Experiment Station or Extension Service Weed Specialists for appropriate rates and timing of MCPA spray and on the tolerance of rice varieties. Do not grow crayfish or catfish in treated rice fields.

**Rice in California:** For early season broadleaf weed and sedge control in rice, apply 1 to 1 1/2 pints of DowElanco MCP Amine Herbicide per acre by air in 8 to 10 gallons of total spray volume when rice is in the 3 to 4 leaf stage, and has a well established root system, usually 18 to 24 days after planting. Applications made during hot weather or at the higher dosage range may cause temporary stunting of the rice. For maximum effectiveness the weeds should be exposed at the time of treatment. If retreatment is necessary, usually 35 to 65 days after planting, the total amount per acre of DowElanco MCP Amine applied in the two applications must not exceed 3 pints in one season. Do not grow crayfish or catfish in treated rice fields.

### **Weed Control in Peas**

Use on peas to control susceptible weeds only where recommended by local agricultural Extension Service or Experiment Station specialists. Use 1/4 to 1/3 pint of DowElanco MCP Amine in at least 15 gallons of water per acre before first flowering when peas are 3 to 7 inches tall and when weeds are small. Higher rates of 1/2 to 3/4 pint per acre may be used to improve control of difficult weeds but crop injury is more likely to occur. Do not apply if peas are taller than 7 inches or when they are stressed for lack of soil moisture. Do not apply when air temperature is over 90°F. **Note: MCPA can cause injury and delayed maturity in the pea crop.**

### **Weed Control in Established Stands of Alfalfa or Red Clover**

For control of yellow rocket and other susceptible annual weeds such as pennycress or fanweed, use 1 pint per acre of DowElanco MCP Amine. Apply in late fall after frost has killed legume top growth and legumes are dormant. The temperature at time of spraying should be above 40° F.

## Rangeland, Pasture and Non-crop Uses

**Use Requirements for Rangeland, Pasture and Non-cropland Areas: No Worker Protection Standard worker entry restrictions or worker notification requirements apply when this product is applied to rangeland, pasture or non-cropland areas.**

### **Weed Control in Grass Pastures**

Use 2 to 4 pints per acre of DowElanco MCP Amine. Apply when weeds are small and actively growing for best results. Use the higher rates for whitetop, Canada thistle, buttercup and other more difficult to control weeds. Spray perennials in early bud to full bloom stage and regrowth in fall. Legumes may be injured or killed. Do not use this treatment where legumes, especially alfalfa, are present and desirable. Do not use on newly seeded areas until grass is well established. Do not use from early boot to milk stage where grass seed production is desired.

### **Control of Whitebrush on Rangeland**

Use 3 pints of DowElanco MCP Amine with 1 gallon of diesel oil and enough water for good spray coverage, usually 6 to 10 gallons per acre by aircraft. Apply in spring or fall when plant foliage is well developed and actively growing. Spraying during bloom is recommended but not immediately after shedding of blossoms. Retreatments may be needed in succeeding years. **Note:** First mix the DowElanco MCP Amine in the water, then add the oil with agitation. Spray should be kept agitated during spraying to avoid separation in the tank.

### **Spot Treatment**

For weed control in pastures, rangeland, and in non-crop areas such as fence rows, farm yards, shelter-belts and roadsides: Use 1/4 pint of DowElanco MCP Amine in 3 gallons of water to control weeds such as Canada thistle, whitetop, meadow buttercup and Texas blueweed. Apply when weeds are growing vigorously, usually prior to bloom, and spray fall regrowth if necessary.

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### **WARRANTY DISCLAIMER**

DowElanco warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **DowElanco makes no other express or implied warranty of merchantability or fitness for a particular purpose or any other express or implied warranty.**

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### **INHERENT RISKS OF USE**

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to the label instructions (including adverse conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of DowElanco or the seller. All such risks shall be assumed by the buyer.