



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 24, 2020

John F. Wright  
Authorized Representative for Aceto Life Sciences, LLC  
Aceto Life Sciences, LLC  
4 Tri Harbor Court  
Port Washington, NY 11050

Subject: Pesticide Registration Improvement Act (PRIA) Labeling Amendment – Acceptable Revisions to the Precautionary Statements and Direction for Use  
Product Name: DMN EUP  
EPA Registration Number: 2749-586  
Application Date: 03/05/2020  
OPP Decision Number: 561495

Dear Mr. Wright:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 § CFR 152.3.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration

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process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Alex Horansky of my team by phone at (703) 347-0128 or via email at [Horansky.alex@epa.gov](mailto:Horansky.alex@epa.gov).

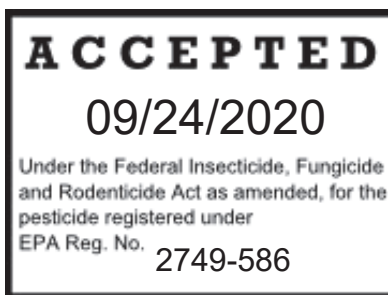
Sincerely,



Andrew Bryceland, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure

# DMN EUP



[Alternate Brand name Aceto DMN]

**Plant Growth Regulator**  
For use on Potato; Seed Potato as  
Dormancy Enhancer

ACTIVE INGREDIENT:	% w/w
1,4-dimethylnaphthalene:*	97.64%
OTHER INGREDIENTS:	2.36%
<b>TOTAL</b>	<b>100.0%</b>

\*Contains 8.3 pounds active ingredient per gallon.

## KEEP OUT OF REACH OF CHILDREN WARNING

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.)

FIRST AID	
<b>IF IN EYES:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>IF SWALLOWED:</b>	Call a poison control center or doctor immediately for treatment advice. Have 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.
<b>IF ON SKIN OR CLOTHING:</b>	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 or going for treatment. FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT, CALL CHEMTREC TOLL FREE 1-800-424-9300 or 1-703-527-3887.	

EPA Reg. No. 2749-586  
EPA Est. No. XXXXXX-XX-XXX

MANUFACTURED FOR:  
Aceto Life Sciences, L.L.C.  
4 Tri Harbor Court  
Port Washington, NY 11050

[See [attached][enclosed] [inside] [outside carton] [booklet] for [First Aid,] [additional] Precautionary Statements and Directions for Use.]

NET CONTENTS: X gallons

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING.** Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, use tobacco or using the toilet. Remove and wash contaminated clothing before uses.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below.

#### Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves such as butyl rubber or nitrile rubber
- Shoes plus socks
- Protective eyewear (goggles or face shield)
- Respirator with an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter.

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.

#### USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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

For terrestrial uses: This product is highly toxic to fresh water fish and aquatic invertebrates. 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 wash waters 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 maybe in the area during application. For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulations.

#### PRODUCT INFORMATION

This product is a plant growth regulator used as an aerosol fog to enhance the dormancy of potatoes; seed potatoes prior to germination or during storage phase.

#### USE RESTRICTIONS

Do not apply this product to potatoes in the field.

Do not allow vapors to come in contact with storage areas used for seed potatoes within 30 days of their planting.

#### USE PRECAUTIONS

This product may be applied any time after the potatoes are placed into the storage area.

This product is a short term dormancy enhancer which should not adversely affect eventual germination of seed potatoes held for future planting.

For seed potatoes, allow 60 days elapse before using a treated storage area as a temporary holding area. Air system components (including ducts) and building must be thoroughly ventilated before area is used for storage of seed potatoes to prevent dormancy effects.

This product is for use on potatoes; seed potatoes.

#### FORCED AIR DISTRIBUTION METHOD

1. Set up aerosol fogging equipment to provide optimum distribution of aerosol fog in the storage area. Take precautions to prevent the spray from coming into direct contact with the potatoes.
2. During the application, run fans to aid disbursement of fog, but it is not required.
3. For optimum effect, keep the storage area closed as long as practical to allow for maximum absorption into the potatoes.

#### TREATMENT OF STORAGE AREAS THAT DO NOT HAVE RECIRCULATING AIR SYSTEMS

These storage areas are more difficult to treat. Additional steps must be taken to treat these storage areas.

1. Set up aerosol fogging equipment to provide optimum distribution of aerosol fog in the storage area. Take precautions to prevent the spray from coming into direct contact with the potatoes.
2. Completely close off the area to be treated. This may include vent doors in the attic and walk doors around the perimeter. The large truck doors may need to be sealed to prevent excess leakage.
3. Begin the treatment by following the listed steps:
  - a. Start the aerosol fogging equipment.
  - b. Adjust the location of the aerosol fog equipment so all the storage area receives an equal amount of aerosol fog. It may be necessary to move the aerosol fog generator during the application or make the application in multiple phases.
4. For reentry into treated areas during application and prior to ventilation or settling of the aerosol fog:
  - a. Coveralls over long-sleeved shirt and long pants
  - b. Chemical-resistant gloves such as butyl rubber or nitrile rubber
  - c. Shoes plus socks
  - d. Protective eyewear (goggles or face shield)
  - e. Respirator with an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter.
5. Wait at least 12 hours before fresh air is introduced into the storage area, then return the storage area to "normal" operation.
6. For optimum effect, keep the storage area closed as long as practical to allow for maximum absorption into the potatoes.

## **TREATMENT in SMALL CONTAINER**

1. Set up application equipment to provide optimum distribution of applicator in the storage area. Take precautions to prevent the spray from coming into direct contact with the potatoes.
2. For optimum effect, keep the storage area closed as long as practical to allow for maximum absorption into the potatoes.

## **APPLICATION TIMING AND RATES**

This product may be applied any time after the potatoes are placed into the storage area.

1. Apply at rates of up to 1 pound of active ingredient per 50,000 lbs. (500 cwt), which is equivalent to 20 ppm on a product to crop basis or 1 gallon per 4,000 cwt.
2. While potatoes may be retreated as necessary for effective control, do not exceed the maximum application of 80 ppm during the storage season.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in closed, original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of at an approved waste disposal facility.

[Metal Containers 5 Gallons or less.]

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into formulating equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into formulating equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into formulating equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over formulating equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. If rinsate cannot be used, follow pesticide disposal instructions. If not triples rinsed or pressure rinsed (or equivalent), these containers may be hazardous waste and must be disposed in accordance with local, state and federal regulations. DO NOT cut or weld metal containers. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures allowed by state and local authorities.

[Metal Containers greater than 5 Gallons.]

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into formulating equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into formulating equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into formulating equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over formulating equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. If rinsate cannot be used, follow pesticide disposal instructions. If not triples rinsed or pressure rinsed (or equivalent), these containers may be hazardous waste and must be disposed in accordance with local, state and federal regulations. DO NOT cut or weld metal containers. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures allowed by state and local authorities.

## WARRANTY DISCLAIMER AND NOTICE

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### IMPORTANT: READ BEFORE USE

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Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks 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 the manner of use or application, all of which are beyond the control of Aceto Life Sciences, L.L.C. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

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Made in China [packaged in USA].

[Active ingredient made [and formulated] in [Japan][China], [formulated in USA] [and] [package in USA]].