



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

January 10, 2023

Anna Armstrong  
Senior Regulatory Specialist, Authorized Agent  
Decco US Post-Harvest, Inc.  
1713 South California Avenue  
Monrovia, CA 91016

Subject: PRIA Label and CSF Amendment – Revision to Basic CSF, updates to the mitigation language based on the Thiabendazole Interim Decision, and other minor label changes  
Product Name: Deccozole A  
EPA Registration Number: 2792-75  
Application Date: 05/21/2021 & 03/02/2021  
Decision Number: 576088, 571783

Dear Anna Armstrong:

The amended label and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Thiabendazole Interim Decision, and has concluded that your submission is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling before you release the 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 12 months from the date of this letter. After 12 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.

Please note that the record for this product currently contains the following CSF:

- Basic CSF dated 05/21/2021

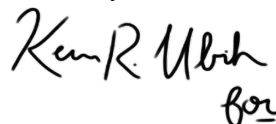
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements 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 process. Therefore, should the Agency 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.

The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of this letter to provide these data.

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

If you have any questions, please contact Elisha Graham at [graham.elisha@epa.gov](mailto:graham.elisha@epa.gov).

Sincerely,

Handwritten signature of Kristy Crews in black ink, appearing to read "Kristy Crews" with a stylized flourish at the end.

Kristy Crews, Product Manager 22  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure: Stamped Label



THIABENDAZOLE	GROUP	1	FUNGICIDE
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# DECCOZOLE A

For control of blue mold, bull's eye rot and gray mold (cluster rot, nest rot) of apples and pears.

**Active Ingredient:**

2-(4-thiazolyl)-benzimidazole  
 (thiabendazole/TBZ) ..... 99.4%

**Other Ingredients:** ..... 0.6%

**TOTAL:** ..... **100.0%**

Net Contents: 10 lbs (9.94 lbs. thiabendazole active ingredient)

EPA Registration Number: 2792-75

EPA Est. No. 2792-CA-1

EPA Est. No. 33967-NJ-1

**KEEP OUT OF THE REACH OF CHILDREN**  
**CAUTION**  
**SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS**

<b>FIRST AID</b>	
<b>If swallowed</b>	<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 the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<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>
<b>If in eyes</b>	<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 the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.</p> <p style="text-align: center;"><b>HOTLINE NUMBER</b></p> <p>For chemical emergency assistance (spill, leak, fire, or accident), call CHEMTREC: (800) 424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Hotline at 1-800-222-1222 for emergency medical treatment information 24 hours per day, 7 days per week.</p>	

**ACCEPTED**  
 01/10/2023  
 Under the Federal Insecticide, Fungicide  
 and Rodenticide Act as amended, for the  
 pesticide registered under  
 EPA Reg. No. 2792-75

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION**

Harmful if swallowed or inhaled. Avoid breathing dust. Harmful if absorbed through skin. Avoid contact with skin, eyes, and/or clothing. Causes moderate eye irritation. Wear long-sleeved shirt, long pants, shoes and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet. Remove contaminated clothing and wash before reuse.

#### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes, plus socks,
- Waterproof gloves, and
- A dust mist filtering respirator (MSH / NIOSH approval number prefix TC-21 C), or a NIOSH approved respirator with any N, R, P or HE filter.

#### **USER SAFETY REQUIREMENTS:**

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, 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.
- User 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 HAZARD**

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or regional office of the EPA.

#### **PHYSICAL OR CHEMICAL HAZARDS**

Do not mix or allow coming in contact with oxidizing agents. Hazardous Chemical reaction may occur.

#### **DIRECTIONS FOR USE:**

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

**APPLICATION RESTRICTION:**

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.

**Resistance Management Recommendations**

For resistance management, Deccozole A contains a Group 1 fungicide, a methyl-benzimidazole carbamate class of chemistry, which disrupts *B*-tubuline assembly mitosis. Any fungal population may contain individuals naturally resistant to Deccozole A and other Group 1 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Follow appropriate resistance-management strategies.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of Deccozole A or other Group 1 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Monitor treated fungal populations for resistance development.
- For further information or to report suspected resistance, contact your local Decco representative, your local university extension specialist or certified crop advisor. Additional information is also available at Fungicide Resistance Action Committee (FRAC) website: <http://www.frac.info>.

**Use Information:**

- Treat only dry apples and pears as received from the field
- Apply to fruit within 48 hours after harvesting, prior to long-term storage
- In case of treatment of a room that is not completely filled, calculate the dosage of DECCOZOLE A by adding a tonnage value of 20% of the empty volume to the real tonnage of the fruit

**Application Rate**

0.125 oz per US ton (3.55 gram per 909 Kilograms) of apples and/or pears.

<b>Number of 900 lbs Apple or Pear Bins</b>	<b>US Tons of Apples or Pears</b>	<b>Amount of Deccozole A in oz (grams) or amount of thiabendazole active ingredient</b>
100	45	5.6 oz. (158 g) or 0.4 lb. thiabendazole active ingredient
500	225	28.1 oz. (797 g) or 0.1.8 lbs. thiabendazole active ingredient
1000	450	56.2 oz. (1594 g) or 3.5 lbs. thiabendazole active ingredient
1500	675	84.3 oz. (2392 g) or 5.3 lbs. thiabendazole active ingredient
2000	900	112.4 oz. (3189 g) or 7 lbs. thiabendazole active ingredient

## Preparation for DECCOZOLE A Treatment

### In combination with DECCO NO SCALD DPA AEROSOL (EPA Reg. No. 2792-73)

- Mixers, Loaders, Applicators, and other Handlers must use PPE from the most restrictive product (i.e., Deccozole A, or DECCO NO SCALD DPA AEROSOL).
- Following the label direction of DECCO NO SCALD DPA AEROSOL melt the DPA using an appropriate container. Cover and place the container on an electrical heater and melt the DPA at 180°F.
- Calculate the amount of DECCOZOLE A according to the application rate.
- Weigh the amount of DECCOZOLE A to the nearest gram into a clean and dry container.
- Add the Deccozole A slowly and under gentle mixing to the molten DECCO NO SCALD DPA AEROSOL.

### Thermal Fogger Operation

- Place the thermal fogger machine horizontally outside the treatment room at a height of about 3 feet from the floor. Cover the door or window to the treatment room with a plastic sheet and insert the fogging pipe through a hole in the plastic. Seal the opening around the nozzle with duct tape.
- Adjust the pump and mount the nozzle to deliver up to 120 mL per minute.
- Turn on the thermal fogger machine.
- Insert the insulated input pipe into the aerosol mixture. Start the pump. Keep the product temperature at 160-180°F.

### Application Procedures

- Do not breathe fog.
- Turn off room cooling systems and humidifiers 12 hours prior to and during treatment.
- Turn off room circulation fans immediately prior to and during treatment.
- Turn on room circulation fans one hour after the treatment. Allow the fog totally to disappear (about 5 hours post-treatment) before restarting cooling systems.
- Fruit must have shipping cartons marked: “Treated with Thiabendazole to retard spoilage.” If applied in combination with DECCO NO SCALD DPA AEROSOL fruit shipping cartons must be marked: “Treated with Thiabendazole and Diphenylamine to retard spoilage.”

### Re-Entry

Entry into the treatment area by another person other than properly trained and equipped handlers is prohibited from the start of application until the treated area is ventilated as follows:

- 8 hours with no ventilation followed by 1 hour of mechanical ventilation
- 24 hours with no ventilation

In case it is necessary to enter the treatment area during treatment or before ventilation requirements have been met, handlers must wear chemical resistant headgear and a self-contained breathing apparatus (SCBA, MSHA/NIOSH approval number prefix TC-13F) in addition to PPE listed under the PRECAUTIONARY STATEMENTS.

## **STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool dry place.

**PESTICIDE DISPOSAL:** Pesticide, or spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

### **CONTAINER HANDLING:**

**[[Nonrefillable Outer Bag:]** DO NOT reuse or refill the outer bag. Completely empty bag into application equipment. Offer bag for recycling if available. If recycling is not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.]

**[[Nonrefillable Plastic Containers (Capacity Equal to or Less Than 50 Pounds):]** Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. DO NOT burn, unless allowed by State and local ordinances.]

**[[Nonrefillable Plastic Containers (Capacity Greater Than 50 Pounds):]** Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application 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 application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. DO NOT burn, unless allowed by State and local ordinances.]

## **WARRANTY AND DISCLAIMER**

DECCO US POST-HARVEST INC. warrants that this material 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 risks referred to therein. DECCO US POST-HARVEST INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT ALLOWED BY APPLICABLE LAW, IN NO CASE SHALL DECCO US POST-HARVEST INC. OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST, OR

OTHER EXPENSES INCURRED IN REPACKAGING, SORTING OR REPROCESSING.

DECCO US POST-HARVEST INC. and 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 DECCO US POST-HARVEST INC.

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