

352-882

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

352-882

Date of Issuance:

DEC 12 2013

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:
Unconditional

Name of Pesticide Product:
DuPont DPX-LEM17 20 SC
Seed Treatment

Name and Address of Registrant (include ZIP Code):

DuPont Crop Protection
Stine-Haskell Research Center
P.O. Box 30
Newark, DE 19714-0030

Attn.: Lesley Palmer Czochor

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Signature of Approving Official:

Handwritten signature of Tony Kish

Date:

DEC 12 2013

Tony Kish, Product Manager, Team 22
Fungicide Branch, Registration Division (7504P)

Notice of Pesticide Registration

Product Name: DuPont DPX-LEM17 20SC Seed Treatment

EPA Reg. No. 352-882

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2. The basic CSF dated 11/26/13 is acceptable.
3. Submit one copy of the revised final printed label (listing EPA Reg. No. 352-882) before the product is released for shipment.

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

A copy of the label stamped "Accepted" is enclosed for your records.



DuPont™ DPX-LEM17 20SC

SEED TREATMENT

GROUP 7 FUNGICIDE

A Fungicide Seed Piece Treatment Product for Protection against Listed Seed-Borne and Soil-Borne Potato Diseases

Suspension Concentrate

Active Ingredient	By Weight
Penthiopyrad	20.4%
Other Ingredients	79.6%
TOTAL	100.0%

Contains 1.67 pounds of penthiopyrad per gallon of product

EPA Reg. No. 352-XXX

Nonrefillable Container

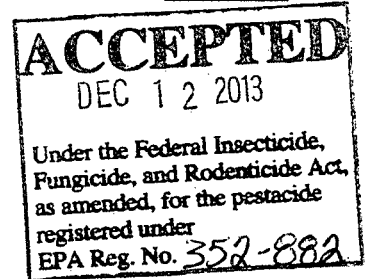
Net: _____

OR

Refillable Container

Net: _____

EPA Est. No. _____



**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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

IF SWALLOWED: 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 by a poison control center or doctor. Do not give anything to an unconscious person.

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 toll-free 1-800-441-3637. See Label for Additional Precautions and Directions for Use.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. May be harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

- Long-sleeved shirt
- Long pants
- Shoes and socks

See engineering control statements for additional requirements.

Follow the 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.

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ENGINEERING CONTROL 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. 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

This pesticide is toxic to fish, aquatic invertebrates, and oysters. 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.

DIRECTIONS FOR USE

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

PRODUCT INFORMATION

DuPont™ DPX-LEM17 20SC seed treatment, a suspension concentrate containing penthiopyrad, is recommended for use as a seed piece protectant against listed seed-borne and soil-borne potato diseases. When used as directed, DPX-LEM17 20SC will provide protection against *Rhizoctonia solani* (causes stem canker and tuber black scurf), *Fusarium dry rot*, and *Helminthosporium solani* (causes silver scurf). DPX-LEM17 20SC will not protect against diseases caused by Oomycete or bacterial pathogens. Use tank mixtures with other appropriate fungicides to control these diseases or to otherwise extend the control spectrum (see Tank Mixing).

Treating damaged or significantly bruised seed pieces or seed pieces that are low vigor or overall poor quality may result in reduced germination, seedling vigor and plant stand. Before treating an entire seed piece lot with the proposed seed piece treatment, treat a small portion of the seed piece lot and conduct subsequent germination tests. Treat the test lot using equipment similar to the equipment planned for treating the whole seed piece lot. DuPont makes no guarantee regarding the germination of damaged treated seed pieces since seed piece quality and storage conditions are beyond the control of DuPont.

Restrictions

- Treated seed pieces must not be used for, or mixed with food or animal feed.
- DPX-LEM17 20SC seed treatment must be used only in accordance with this label.
- Do not formulate this product into other end-use products.
- When DPX-LEM17 20SC is used as a seed piece treatment for potato, do not use DuPont™ VERTISAN™ fungicide in furrow. VERTISAN™ may be used in-season in potatoes for control of *Alternaria* early blight and brown spot, gray mold, powdery mildew, and black dot, and suppression of white mold. When DPX-LEM17 20SC is used as a seed piece treatment for potato, do not apply more than two in-season foliar potato applications using VERTISAN™. Do not apply more than 0.23 pound of active ingredient per acre (3.75 oz a.i./acre) when used as a seed piece treatment. For example, if applying at 0.6 fl oz of product per cwt seed pieces, do not seed more than 3000 lbs of seed pieces per acre. The maximum use rate from seed treatment plus foliar treatments must not exceed 11.25 ounces of active ingredient per acre.

APPLICATION INFORMATION

Mixing Procedures

Apply DuPont™ DPX-LEM17 20SC using standard, calibrated equipment that will give thorough and uniform coverage of each potato seed piece. DPX-LEM17 20SC is intended for commercial seed treaters, and is also for treating seed on agricultural establishments prior to placing seed in hopper-box, planter box, slurry-box or other seed treatment planting equipment. Treatment equipment must be clean and free of previous pesticide deposits before applying DPX-LEM17 20SC. Mix the listed amount of DPX-LEM17 20SC with the required amount of water as per treatment equipment manufacturer recommendations. For commercial seed treatments, add an EPA approved dye or colorant to assure that all treated seed pieces are an unnatural color. Note: this requirement does not apply to equipment box treatments where pre-treated seed pieces are immediately planted and not sold.

Tank Mixtures

Tank mixtures with other fungicides may be used to broaden spectrum and/or manage potential resistance. Use tank mixtures with effective fungicides from different target site of action groups (DPX-LEM17 20SC seed treatment is in Group 7, carboxamide fungicides) that are registered for the same crop use. Apply at least the minimum labeled rate of each fungicide in the tank mix. Avoid mixtures of several materials and very concentrated spray slurries. Observe the most restrictive label limitations and precautions of all products used in mixtures. Do not mix this product with any product that prohibits such mixing.

Mixing Tank Cleanout

Prior to application, start with clean, well maintained application equipment. Immediately following application, thoroughly clean all mixing equipment to reduce the risk of forming hardened deposits, which might become difficult to remove.

Integrated Pest Management

DuPont recommends the use of Integrated Pest Management (IPM) programs to control pests. DPX-LEM17 20SC may be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. Application of this product should be based on IPM principles and practices including field scouting or other detection methods, correct target pest identification, population monitoring, and treating when disease forecasting models reach locally determined action levels. Consult your state cooperative extension service, professional consultants, or other qualified authorities to determine the appropriate management, cultural practice and treatment threshold levels for the specific crop, geography and diseases.

Resistance Management

Penthiopyrad, the active ingredient in DPX-LEM17 20SC seed treatment, is one of EPA's Target Site of Action Group 7 fungicides (carboxamides). Repeated and exclusive use of DPX-LEM17 20SC or other Group 7 fungicides may lead to the buildup of resistant strains of fungi and result in a reduction of disease control.

Because the development of resistance cannot be predicted, this product may be used as part of resistance management strategies established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of mode-of-action classes of fungicides (non-Group 7) on succeeding generations, and targeting the most susceptible life stage. Consult your local or state agricultural authorities for details.

Compatibility

DPX-LEM17 20SC may be applied with other products registered for potato seed treatment use. However, since the formulations of products are always changing, it is advisable to test the physical compatibility of desired tank mixes and check for adverse effects like settling out or flocculation. To determine the physical compatibility, add the recommended proportions of the tank mix products to water, mix thoroughly and allow to

stand for 20 minutes. If the combination remains mixed, or can be re-mixed readily, it is considered physically compatible.

The crop safety of all potential tank-mixes, including additives and other pesticides has not been tested. Before applying any tank-mixture not specifically recommended on this label or other DuPont supplemental labeling, the safety to the target crop must be confirmed. To test for crop safety, apply the combination to a small portion of the target crop in accordance with the label instructions to ensure that a phytotoxic response will not occur. Before treating an entire seed lot with the proposed seed treatment, treat a small portion of the seed lot and conduct subsequent germination tests.

Potato Use Rate

Use DuPont™ DPX-LEM17 20SC for potato seed piece treatment at the rate of 0.3- 0.6 fl oz/100 lbs. of seed pieces for protection against Rhizoctonia stem canker and tuber black scurf, Fusarium dry rot, and tuber silver scurf. Use the higher rate for greater disease pressure. After cutting the seed pieces in preparation for planting, apply DPX-LEM17 20SC to a single layer of seed pieces. If an inert dust application is to be applied, such as non-treated Alder or Douglas fir bark dusts or treated potato dust products, make the application of DPX-LEM17 prior to any dust application to ensure thorough coverage of the seed pieces by the seed treatment.

Treated seed should either be planted in soil with a minimum soil temperature of 46 F or stored a maximum of 7 days at 60° F with adequate ventilation and relative humidity (85-90%).

For optimal control of Rhizoctonia stem canker and black scurf in potatoes, a program approach should be followed. Follow DPX-LEM17 20SC seed piece treatment with an in-furrow application of a fungicide with a different mode-of action against Rhizoctonia (DPX-LEM17 20SC is a FRAC group 7 fungicide).

COMMERCIAL SEED BAG LABELING

In accordance with the Federal Seed Act and EPA 40CFR, seeds commercially treated with a pesticide must be labeled as follows:

- Treated seed. Do not use for food or feed purposes.
- This seed has been treated with DPX-LEM17 20SC seed treatment (penthiopyrad).
- Treated seed pieces exposed on soil surface may be hazardous to fish and aquatic invertebrates. Cover or collect seed pieces spilled during loading.
- Store away from food or feed.
- Dispose of all excess treated seed pieces by burying seed pieces away from bodies of water.

Crop Rotation

The following list of crops and crop groups may be planted immediately after harvest:

Alfalfa, brassica (cole) leafy vegetables crop group, bulb vegetables crop group (onion, garlic), cereal grains crop group (barley, oats, rye, sorghum, wheat; except rice), corn (all types), cucurbit vegetables crop group (cucumber, melons, squash), fruiting vegetables crop group (tomato, pepper), leafy vegetables crop group (lettuce, celery, spinach), legume vegetables crop subgroup 6A (edible podded), legume vegetables crop subgroup 6B (succulent shelled), legume vegetables crop subgroup 6C (dried shelled pea and bean), low-growing berries crop subgroup (strawberries, lowbush blueberries), oilseed crop group (canola, cotton, sunflower), peanuts, pome fruits, root vegetables crop subgroup (carrot, radish, turnip), soybean, stone fruits, sugarbeet, tree nuts crop group (almond, filbert, pecan, pistachio), tuberous and corm vegetables and leaves crop subgroup (potato).

All other crops cannot be planted until 120 days after the last application of DPX-LEM17 20SC seed treatment.”

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container closed when not in use. Always store pesticides in the original container only, away from other pesticides, food, pet food, feed, seed, fertilizers, and veterinary supplies. If a leaky container must be contained within another, mark the outer container to identify the contents. Storage areas must be locked and secure from vandalism, with precautionary signs posted. The storage area must be dry, well-lit, and well-ventilated. Keep pesticide storage areas clean. Clean up any spills promptly. Protect pesticide containers from extreme heat and cold. Store herbicides, insecticides and fungicides in separate areas within the storage unit. Place liquid formulations on lower shelves and dry formulations above. Maintaining a spill kit and fire extinguisher on hand and having emergency phone numbers posted will allow you to be prepared for emergencies. If spill cleanup PPE is stored nearby, but outside the pesticide storage area, it will be accessible when needed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Refer to the Net Contents section of this product's labeling for the applicable "Nonrefillable Container" or "Refillable Container" designation.

Nonrefillable Rigid Plastic and Metal Containers (Capacity Equal to or Less Than 5 Gallons): 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 and drain for 10 seconds after the flow begins to drip. 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, for Plastic Containers, 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. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable Rigid Plastic and Metal Containers (Capacity Greater Than 5 Gallons): 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, for Plastic Containers, 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. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Nonrefillable Rigid Plastic and Metal Containers, e.g., Intermediate Bulk Containers [IBC] (Size or Shape Too Large to be Tipped, Rolled or Turned Upside Down): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying the contents from this container into application equipment or mix tank and before final disposal using the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system. Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

All Refillable Containers: Refillable container. Refilling Container: Refill this container with DuPont™ DPX-LEM17 20SC seed treatment containing penthiopyrad only. Do not reuse this container for any other purpose. Cleaning before refilling is the responsibility of the refiller. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, worn out threads and closure devices. If damage is found, do not use container, contact DuPont at the number below for instructions. Check for leaks after refilling and before transporting. If leaks are found, do not reuse or transport container, contact DuPont at the number below for instructions. Disposing of Container: Do not reuse this container for any other purpose other than refilling (see preceding). Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, use the following pressure rinsing procedure. Insert a lance fitted with a suitable tank cleaning nozzle into the container and ensure that the water spray thoroughly covers the top, bottom and all sides inside the container. The nozzle manufacturer generally provides instructions for the appropriate spray pressure, spray duration and/or spray volume. If the manufacturer's instructions are not available, pressure rinse the container for at least 60 seconds using a minimum pressure of 30 PSI with a minimum rinse volume of 10% of the container volume. Drain, pour or pump rinsate into application equipment or rinsate collection system: Repeat this pressure rinsing procedure two more times. Then, for Plastic Containers, 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. For Metal Containers, offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Do not transport if container is damaged or leaking. If the container is damaged, leaking or obsolete, or in the event of a major spill, fire or other emergency, contact DuPont at 1-800-441-3637, day or night.

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NOTICE TO BUYER--Purchase of this material does not confer any rights under patents of countries outside of the United States.

DuPont will not be responsible for losses or damages resulting from the use of this product in any manner not specifically stated on this label or other labels or bulletins published by DuPont. User assumes all risks associated with such non-recommended use.

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LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read this Limitation of Warranty and Liability Before Buying or Using This Product. If the Terms Are Not Acceptable, Return the Product at Once, Unopened, and the Purchase Price Will Be Refunded. It is impossible to eliminate all risks associated with the use of this product. Such risks arise from weather conditions, soil factors, off target movement, unconventional farming techniques, presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of DuPont. These risks can cause: ineffectiveness of the product, crop injury, or injury to non-target crops or plants.

WHEN YOU BUY OR USE THIS PRODUCT, YOU AGREE TO ACCEPT THESE RISKS.

DuPont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, DUPONT MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL DUPONT OR SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BUYER'S OR USER'S BARGAINED-FOR EXPECTATION IS CROP PROTECTION. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF DUPONT OR SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, TORT OR STRICT LIABILITY), WHETHER FROM FAILURE TO PERFORM OR INJURY TO CROPS OR OTHER PLANTS, AND RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT, OR AT THE ELECTION OF DUPONT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

To the extent consistent with applicable law that allows such requirement, DuPont or its Ag Retailer must have prompt notice of any claim so that an immediate inspection of buyer's or user's growing crops can be made. Buyer and all users shall promptly notify DuPont or a DuPont Ag Retailer of any claims, whether based on contract, negligence, strict liability, other tort or otherwise, or be barred from any remedy.

This Limitation of Warranty and Liability may not be amended by any oral or written agreement.

For product information call: 1-888-6-DUPONT [1-800-638-7668]

Internet address: www.cropprotection.dupont.com

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