

Code 2749

Pounds Net Weight

**RESTRICTED USE PESTICIDE**

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification

# EPN 25 Wettable Powder

## Insecticide

For Agricultural or Commercial Use Only

EPA Reg. No. 279-2675

EPA Est., 279-

Active Ingredient:	By Wt
O-Ethyl O-p-nitrophenyl phenylphosphonodithioate .....	25.0%
Inert Ingredients: .....	75.0%
	100.0%

\*EPN

**KEEP OUT OF REACH OF CHILDREN**



### PELIGRO

**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

See Other Panels for First Aid and Precautionary Information.



FMC Corporation  
Agricultural Chemical Group  
2000 Market Street  
Philadelphia Pennsylvania 19103

**First Aid:**

**If swallowed:** Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Have victim lie down and keep quiet. Call a Physician immediately.

**If on skin:** In case of contact, remove contaminated clothing and immediately wash skin with soap and water.

**If in eyes:** Flush eyes with water for 15 minutes. Get medical attention.

EPN is a cholinesterase inhibitor and treatment of poisoning should include the use of atropine.

**ATROPINE IS ANTIDOTAL — CONSULT PHYSICIAN FOR EMERGENCY SUPPLY**

**NOTE TO PHYSICIAN:** Repeated therapeutic doses of atropine may be effective. Do not use morphine.

**Danger:** Extremely hazardous by skin contact, inhalation or swallowing. Rapidly absorbed through skin. Repeated exposure may, without symptoms, be increasingly hazardous.

For Emergency Assistance Call 716-735-3765.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans (& Domestic Animals)

**Danger**

Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. **Protective Clothing Required:** Wear clean protective clothing, goggles, and respirator approved by NIOSH or the American National Standards Institute when applying or handling, or when reentering fields within at least 24 hours of treatment. The following protective clothing must be worn: lightweight, unlined, natural rubber gloves at least midforearm in length; a wide brimmed waterproof hat or waterproof hood; a protective suit or coveralls of a nonpermeable, non-cloth material covering the body from ankles to wrists; lightweight, unlined, natural rubber boots at least midcalf in length; full-face respirators are recommended, half-face respirators and goggles are required. Aerial applicators in positive pressure cockpits and other applicators in comparable ground equipment with appropriate filters and a full face seal, or comply with these protective clothing requirements.

Keep animals and unprotected persons away during treatment and while there is danger from drift of residues.

Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking. Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before reuse.

### Environmental Hazards

This product is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Birds feeding in treated areas may be killed. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues blooming crops and weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treated area.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner not consistent with its labeling.

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.

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. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. 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:

#### DANGER

Area treated with EPN <sup>1500</sup> (insert date). Do not enter without appropriate protective clothing for 24 hours (insert State Department of Agriculture's re-entry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

### Storage and Disposal

#### Pesticide Storage

Do not store in or around the home.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect (716) 735-3765.

To confine spill, if liquid, dike surrounding area of absorbent with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

#### Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue 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

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or as allowed by State and local authorities by burning. If burned, stay out of smoke.

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Store in a cool, dry place.

Except where noted, amounts listed indicate the pounds of EPN 25 WP to use per 100 spray gallons (as applied by high-pressure hydraulic equipment). When using other types of ground equipment, adjust the concentration to apply the proper amount of EPN 25 WP per acre. Do not use this product as a dust. The use of concentrations of this material greater than recommended for conventional hydraulic sprayers increases the hazards. If higher concentrations are employed with equipment such as Speed Sprayers, the most rigid precautions to avoid contact with the spray mixture must be followed. The use of EPN in mist blower type or thermal aerosol type (fog) equipment is not recommended.

Use sufficient volume of spray to thoroughly cover all plant surfaces. Mix the required amount of EPN 25 WP with a small quantity of water and then add to tank with agitator running when nearly full, or through the screen while filling with water. Spray operators should stay to the windward of the spray drift.

Begin treatments with the first signs of infestation, for fruits begin with first cover spray following bloom. Apply one spray and re-treat as necessary. Do not apply during bloom of fruits. Observe days interval between last application and harvest as indicated in ( ) following the crop. Do not use on home plantings.

Do not apply this product when weather conditions favor drift from treated area.

Do not apply when trees or a substantial number of weeds in the orchards or groves are in bloom.

**Compatibility** — EPN 25 WP is compatible with most other insecticides and fungicides, specifically, liquid Lime-Sulfur, BHC, Lindane, Sulfur, Methoxychlor, Nicotine, Naphthalene Acetic Acid, Mercurial and Dithiocarbamate fungicides. Do not use in combination with Bordeaux or Zinc Sulfate-Lime Sprays.

**Almonds (21):** Mite control (European Red, Pacific, Red Spider, Schoene, Twospotted, Williamette)—Use  $\frac{1}{2}$  to  $\frac{3}{4}$  lb. Do not exceed 8 pounds of EPN 25 WP per acre in any one application.

**Apples (21), Pears (14):** Plum Curculio—Use 1 to 1 $\frac{1}{2}$  lbs. Codling Moth—Use 1 lb. Fruitree Leafroller—Use  $\frac{3}{4}$  lb. Pear Psylla—Use  $\frac{1}{2}$  lb. Mite control (European Red, Pacific, Red Spider, Schoene, Twospotted, Williamette)—Use  $\frac{1}{2}$  to  $\frac{3}{4}$  lb. Do not use on McIntosh and related varieties of Apples. Do not exceed 12 pounds of EPN 25 WP per acre in any one application.

**Apricots (21), Cherries (21), Olives (\*), Peaches (21), Plums (21), Prunes (21):** Plum Curculio, Oriental Fruit Moth—Use 1 to 1 $\frac{1}{2}$  lbs. Peachtree Borer, Lesser Peachtree Borer—Use 1 $\frac{1}{4}$  to 3 lbs. For Peachtree Borer, apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Lecanium Scale (Crawlers), Peach Cottony Scale (Crawlers)—Use 1 $\frac{1}{4}$  lbs. Olive Scale (Crawlers)—Use 1 lb. plus 1 $\frac{1}{2}$ % light medium oil or 2 $\frac{1}{2}$  lbs. alone. Fruitree leafroller on Cherries and Budmoth on Prunes—Use  $\frac{3}{4}$  lb. Do not exceed 12 pounds of EPN 25 WP per acre in any one application on Apricots, Cherries, Peaches, Plums, or Prunes. Do not apply on Olives after July 15, nor exceed 16 pounds of EPN 25 WP per acre in any one application. **Cherries, Peaches, Prunes, Plums only:** Mite control (European Red, Pacific, Red Spider, Schoene, Twospotted, Williamette)—Use  $\frac{1}{2}$  to  $\frac{3}{4}$  lb.

**Bean (21):** Mexican Bean Beetle—Use  $\frac{1}{2}$  to 1 lb. Make 2 to 4 applications beginning 5 to 7 days after eggs are laid. Twospotted Spider Mite—Use  $\frac{1}{2}$  lb. Do not exceed 4 pounds of EPN 25 WP per acre in any one application.

**Citrus (Grapefruit, Lemons, Limes, Oranges, Tangeloes, Tangerines (30):** Citrus Red Mite—Use 2 lbs. (8 to 12 lbs. per acre). Orangeworm—Use 3 to 6 lbs. per acre. Citrus Thrips—Use 6 to 8 lbs. per acre—outside coverage. Fruitree Leafroller, Orange Tortix—Use 3 to 9 lbs. per acre. Do not use treated rinds for food or feed. Do not exceed 12 pounds of EPN 25 WP per acre in any one application.

**Corn (14):** European Corn Borer—Use 1 lb. per acre. On Sweet Corn apply 5 to 7 days after eggs are laid; repeat 7 to 10 days later and at intervals of 5 to 7 days during periods when moths are actively depositing eggs. On Field Corn apply 10 days after eggs first hatch or when 75% of plants show evidence of feeding in leaf whorls, repeat 7 to 10 days later if new evidence of leaf feeding is present. For second brood borers, apply when eggs begin to hatch. Do not exceed 3 pounds of EPN 25 WP per acre in any one application.

Do not apply to corn during the pollinated period if bees are visiting the treatment area.

**Grapes (21), Pecans (21):** Grape Berry Moth—Use 1 lb. Pecan Nut Casebearer—Use 1 lb. Mite control, European Red, Pacific Red Spider, Schoene, Twospotted, Willamette—Use 1 to 2 lb. Do not exceed 5 pounds of EPN 25 WP in any one application.

**Tomatoes (3):** Leafminers, Serpentine and certain other species, Tomato Aphid, Southern Armyworm, Tomato Fruitworm—Use 1 to 2 lb. per acre at 7 to 10 day intervals as needed. Twospotted and Russet Mite—Use 1 lb. Do not exceed 1 pound of EPN 25 WP per acre in any one application.

**Walnuts (21):** Codling Moth, Walnut Aphid—Use 1 lb. Fruittree Leafroller—Use 2 lb. Mite control, European Red, Pacific Red Spider, Schoene, Twospotted, Willamette—Use 1 to 2 lb. Do not exceed 8 pounds of EPN 25 WP per acre in any one application.

**Dealers Should Sell in Original Packages Only.**

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

(2749-10/81 PA)

BEST DOCUMENT AVAILABLE

Ms. Eunice I. Cuirle  
EPA Corporation  
2000 Market Street  
Philadelphia, PA 19103

Dear Ms. Cuirle:

Subject: EPA 25 Wettable Powder  
EPA Registration No. 275-2675  
EPA P.K. Notice of August 31, 1983  
Your letter dated October 25, 1983

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Before you release the product for shipment, make the following label change, and submit to us five copies of the final printed labels:

For aerial applications, flagging must be fully automated mechanical means or by humans working in totally enclosed vehicles.

Sincerely yours,

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (25-7e7)

Enclosure

IRB/RL:ELLENBERGER:LCH-26436:WAG-12640:HK:kaven:475-2613:12/18/83

CONCURRENCES


(48)

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