

Reg # 352-493

PM-19

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REGISTRATION CODE 0789-002

PACKAGE SIZE  
4 - 1 GALLON JUGS/CARTON



**VENDEX® 4L**

**MITICIDE**

Contains 4 lbs. active ingredient per gallon

**ACCEPTED**  
DEC 2 1991  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 352-493

ACTIVE INGREDIENTS	BY WEIGHT
Fenbutatin-oxide [ Hexakis (2-methyl-2-phenylpropyl)-distannoxane].....	42.0%
INERT INGREDIENTS.....	58.0%
<b>TOTAL</b> .....	<b>100.0%</b>
EPA Reg. No. 352-493	U.S. Patent No. 3,657,451

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER!**

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

**STATEMENT OF PRACTICAL TREATMENT**

- If In Eyes:** Hold eyelids open and flush with plenty of water. Call a physician.
- If On Skin:** Wash with plenty of soap and water. Get medical attention if irritation persists.
- If Swallowed:** Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
- If Inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER! CORROSIVE.** THIS PRODUCT MAY CAUSE SKIN IRRITATION, RESPIRATORY IRRITATION, AND EYE DAMAGE. Do not get in eyes, on skin, or on clothing. Wear suitable eye protection, such as goggles or safety glasses with side shields or their equivalent, when pouring product from container. During commercial application or other prolonged exposure, wear goggles. Wear clean protective clothing that covers the body well.

Do not graze or feed animals on cover crops grown in treated area. Avoid contamination of food, feedstuffs, and domestic water supplies.

Harmful if swallowed. Avoid contamination of food. Avoid breathing spray mist. Wash thoroughly with soap and water after handling, spraying and before eating or smoking. Note Reentry Statements Section.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

For medical emergencies involving this product, call toll free 1-800-441-3637.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift from runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**

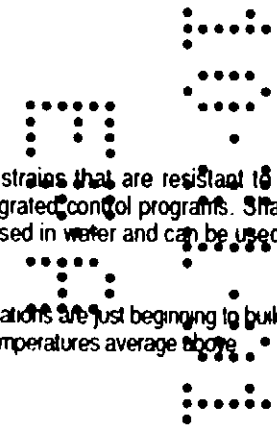
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

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

**SHAKE WELL BEFORE USING.**

VENDEX 4L Miticide is recommended for the control of a wide range of plant feeding mites, including strains that are resistant to other miticides. VENDEX 4L may be applied when honeybees are present and when beneficial mites are important in integrated control programs. Shake VENDEX 4L container to mix contents thoroughly before adding to spray tank. VENDEX 4L Miticide can readily be dispersed in water and can be used in conventional dilute sprayers or concentrate sprayers. Agitation is required during mixing and spraying.

Treat early. Best results are achieved when mite populations are low. Treatment is recommended when mite populations are just beginning to build. Thorough and complete coverage of foliage and fruit is necessary for optimum control. VENDEX performance is best when daily temperatures average above 70 °F, below 70 °F, performance is reduced.



In order to apply the correct amount of VENDEX dilute spray to your orchard, you must know the number of gallons of water needed to spray one acre of your trees to the point of drip. If you do not know this gallonage, you should conduct a test to determine it. Equipment dealers may be of assistance in conducting these tests.

Apply this product only as recommended on this label by ground application.

**REENTRY STATEMENTS**

Do not apply this product in such a manner as to directly or through drift expose workers or others persons. The area being treated must be vacated by unprotected persons.

Do not enter treated fields within 24 hours of application unless long pants and long-sleeved shirt (coveralls); chemical resistant gloves; shoes; and goggles or a face shield are worn.

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. (Indicate specific oral warnings which 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.) 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 VENDEX Mitecide on (date of application). Do not enter without appropriate protective clothing until sprays have dried. (Insert here actions to take in case of accidental exposure. See STATEMENT OF PRACTICAL TREATMENT for details.)"

**MANAGING MITE RESISTANCE**

As with all acaricides, repeated exclusive use of VENDEX may lead to the build-up of resistant strains of mites in some crops. If more than one application of an acaricide is needed to control heavy and prolonged populations of mites, the choice of products with different modes of action should be considered. Additional application(s) of VENDEX during the growing season should be considered only after a minimum spray interval in excess of one generation of mites. Close observation and monitoring of field populations of mites should be an integral part of any resistance management program. If less than economic levels of control are observed and resistance is suspected, it is recommended that an acaricide with an alternate mode of action be used. In this eventuality, promptly consult your local State Agricultural Extension Service for advice on the selection of alternative materials.

**DOSAGE AND CROP RECOMMENDATIONS**

Crop	Mites Controlled	For Concentrate Sprays Vendex 4L Per Acre[1]	For Dilute Sprays Vendex 4L Per 100 Gal.	Remarks
Apples	Apple Rust Carpini Spider European Red McDaniel Spider Two-Spotted Spider	1 to 3 pints	4 to 8 fl. oz. (1/4 to 1/2 pt.)	(1) Do not apply more than 600 gals. dilute spray per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control. (3) Do not apply more than 4 times per season including a pre-bloom spray; apply this product no more than 3 times between petal fall and harvest. (4) Do not apply within 14 days of harvest.
Pears	European Red McDaniel Spider Pear Rust Two-Spotted Spider	1 to 3 pints	4 to 6 fl. oz. (1/4 to 1/2 pt.)	(1) Do not apply more than 1600[2] gals. dilute spray per acre. (2) Apply when mites first appear. (3) Do not apply more than 2 sprays in any 12-month period. Do not apply at less than 60 day intervals (4) In Florida, for consistent control, Vendex should not be applied with copper or oil. (5) Do not apply within 7 days of harvest.
Citrus	Citrus Red Citrus Rust Texas Citrus Yuma Spider Two-Spotted Spider	2 to 4 pints	4 to 8 fl. oz. (1/4 to 1/2 pt.)	(1) Apply when mites appear. Repeat as necessary to maintain control. Thorough coverage of all leaf surfaces is required for best control. (2) In Florida, apply when needed or every 1-2 weeks. (3) Do not exceed 6 applications per season with a total of no more than 6 pounds of active ingredient per acre per year. (4) Do not harvest within 3 days of last application.
Eggplant	Clover Mite Two-Spotted Spider	2 to 4 pints	..	(1) Apply when mites appear. Repeat as necessary to maintain control. Thorough coverage of all leaf surfaces is required for best control. (2) In Florida, apply when needed or every 1-2 weeks. (3) Do not exceed 6 applications per season with a total of no more than 6 pounds of active ingredient per acre per year. (4) Do not harvest within 3 days of last application.

Crop	Mites Controlled	For Concentrate Sprays Vendex 4L Per Acre[1]	For Dilute Sprays Vendex 4L Per 100 Gal.	Remarks
Grapes	Pacific Spider European Red Two-Spotted Spider	1 to 2.5 pints	8 to 16 fl. oz. (1/2 to 1 pt.)	(1) Do not apply more than 250 gals. per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control but not more often than once every 21 days. (3) Do not apply more than 2 times per season. (4) Do not apply within 28 days of harvest.
Peaches Nectarines Plums Prunes	European Red McDaniel Spider Pacific Spider Two-Spotted Spider Big Beaked Plum Peach Silver Plum Nursery	1 to 2 pints	4 to 8 fl. oz. (1/4 to 1/2 pt.)	(1) Do not apply more than 400 gals. dilute spray per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control. (3) Do not apply more than 2 times per season. (4) Do not apply within 14 days of harvest.
Cherries (including both sweet and sour varieties)	European Red McDaniel Spider Cherry Rust	1.5 to 3 pints	4 to 8 fl. oz. (1/4 to 1/2 pt.)	(1) Do not apply more than 600 gals. dilute spray per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control. (3) Do not apply more than 2 sprays while fruit is on the trees. (4) Do not apply within 14 days of harvest.
Almonds	Pacific Spider European Red Two-Spotted Spider Hickory Spider	1 to 2.5 pints	4 to 8 fl. oz. (1/4 to 1/2 pt.)	(1) Do not apply more than 500 gals. per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control. (3) Do not apply more than 2 times per season. (4) Do not apply within 14 days of harvest
Pecans	Pecan Hickory			
Walnuts	Two-Spotted Spider European Red Pacific Spider			
Strawberries	Two-Spotted Spider	1.5 to 2 pints	12 to 16 fl. oz. (3/4 to 1 pt.)	(1) Apply in 150-200 gal. per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control but not more than 4 times per season. (3) Do not apply within 1 day of harvest. (4) Good coverage is essential to good mite control. Adjust spray volume and nozzle placement to adjust good coverage of top and underside of leaves.
Green house and outdoor ornamentals (including nursery stock, flowers, and plants grown for propagation purposes)	Spruce Spider Olingonychus Two-Spotted Spider	--	8 to 16 fl. oz. (1/2 to 1 pt.)	(1) Do not add oil to the spray solution. (2) Apply when mites first appear. Repeat as necessary to maintain control. Frequent repeat applications may cause the appearance of visible spray residues on foliage. (3) Apply to the foliage only of chrysanthemums (pre-bloom) and poinsettias (post-bloom). (4) Under green house conditions, foliage and flowers of certain species may demonstrate sensitivity to repeat applications. If in doubt, make test applications prior to general spraying. Occasional minor sensitivity has been observed on the following species [3]

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[1] For Concentrate Sprays -- Adjust the dosage to apply an amount not exceeding that used in a dilute spray

[2] Do not exceed 4 pints VENDEX 4L per acre per application

[3] Salix melanostachys (common willow), Asplenium bulbiferum (spleenwort garden fern), Dryopteris erythrosora (wood fern), Cercis canadensis (common redbud), Camellia japonica (red garden camellia), Pellaea rotundilolia (button fern), Davallia fejeensis (rabbit foot fern), Asparagus meyeri (Meyers asparagus fern), Asplenium nidus (birdnest fern), Adiantum cuneatum (maidenhair fern), Celosia argentea (cockscomb), Verbena hortensis (verbena), Ageratum houstonianum (floss flower), Rosa sp. (common rose -- some varieties esp. yellow).

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a secure, dry and temperate area. Keep container closed when not in use. Do not store near food or feed. Do not use or store around the home. Avoid contact with water. In case of spill or leak, soak up with sand, earth or synthetic absorbent and dispose of wastes in compliance with local, State and Federal regulations.

In case of a significant spill, call CHEMTREC: (800) 424-9300.

**PRODUCT 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 according to label instructions, contact your State Pesticide or Environmental Control Agency or Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.

**NOTICE OF WARRANTY**

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently 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 Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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