



Vendex[®] 4L

MITICIDE



Contains 4 lbs. VENDEX per gallon

	By Weight
Hexakis (2-methyl-2-phenylpropyl) distannoxane	42.0%
Inert ingredients	58.0%
TOTAL	100.0%

DIRECTIONS FOR USE

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

CROP	MITES CONTROLLED	FOR CONCENTRATE SPRAYS VENDEX 4L/ACRE	FOR DILUTE SPRAYS VENDEX 4L/100 GALS.	REMARKS
Greenhouse & outdoor ornamental (including nursery stock, flowers and plants grown for propagation purposes)	Spruce Spider <i>Oligonychus</i> Two-Spotted Spider	--	8 to 16 fl. oz. (1/2 to 1 pt.)	<ol style="list-style-type: none"> Do not add oil to the spray solution. Apply when mites appear. Repeat as necessary to maintain control. Frequent repeat applications may cause the appearance of visible spray residues on foliage. Apply to the foliage only of chrysanthemums (pre-bloom) and poinsettias (pre-bloss). Under greenhouse conditions, foliage and flowers of certain species may demonstrate sensitivity to repeat applications. If in doubt make test applications prior to general spraying. Occasional sensitive species has been observed on following species:

Salix melanostachya (common willow), *Asplenium bulbiferum* (spoonwort garden fern), *Dryopteris erythrosora* (wood fern), *Cercis canadensis* (common redbud), *Camellia japonica* (red garden camellia), *Pellaea rotundifolia* (button fern), *Bevalia foeniculis* (rabbit foot fern), *Asparagus myriophyllus* (Meyers asparagus fern), *Asplenium nidus* (bird's nest fern), *Adiantum cuneatum* (maidenhair fern), *Calisia argentea* (cockscomb), *Verbena hortensis* (verbena), *Ageratum houstonianum* (floss flower), *Rosa* sp. (common rose - some varieties esp. yellow).

ACCEPTED

MAY 05 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 261-412

IMPORTANT

Before using VENDEX 4L Miticide, read and carefully observe the cautionary statements and all other information appearing on the product label.

This bulletin contains new or supplemental instructions for use of this product which may not appear on package label and must be in possession of the user at the time of application. Follow the instructions carefully.

24(c) Registrant:

Shell Chemical Company
A Division of Shell Oil Company
P. O. Box 3871

RECEIVED

MAR 25 1988



Vendex[®] 4L Miticide

EPA Reg. No. 201-412

Contains 4 lbs. Vendex per gallon

ACTIVE INGREDIENTS

Hexakis (2-methyl-phenylpropyl)-

dicarboxane

INERT INGREDIENTS

BY WEIGHT

42.0%

58.0%

TOTAL 100.0%

NOV 27 1985

Un... Pesticide,
Fungi... and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 201-412

KEEP OUT OF REACH OF CHILDREN

DANGER!

STATEMENT OF PRACTICAL TREATMENT

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes, call a physician.

See additional precautionary statements.

U.S. Patent No. 3,657,451

PELIGRO

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

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, use goggles and a face mask. 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.

For 24-hour emergency medical assistance, call (713) 473-9461.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, ponds, and streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING.

FOR END USE ONLY. DO NOT REPACKAGE OR REFORMULATE WITHOUT MANUFACTURER'S WRITTEN APPROVAL.

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. Thorough and complete coverage of foliage and fruit is necessary for optimum mite control.

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.

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 or (713) 473-9461.

PESTICIDE 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.

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 areas without protective clothing until sprays have dried.

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 Miticide 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.)"

NOTICE OF WARRANTY

SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE EXPRESS OR IMPLIED, concerning this product or its use which extends beyond the use of the product under normal conditions in accord with the statements made on this label.

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. ($\frac{1}{4}$ to $\frac{1}{2}$ 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 8 fl. oz. ($\frac{1}{4}$ to $\frac{1}{2}$ pt.)	
Citrus ²	Citrus Red Citrus Rust Texas Citrus Yums Spider Two-Spotted Spider	2 to 4 pints	4 to 8 fl. oz. ($\frac{1}{4}$ to $\frac{1}{2}$ pt.)	(1) Do not apply more than 1600 gals. dilute spray per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control. (3) Do not apply more than 4 sprays in any 12-month period. (4) Do not apply within 7 days of harvest.
Grapes	Pacific Spider European Red Two-Spotted Spider	1 to 2.5 pints	8 to 16 fl. oz. ($\frac{1}{2}$ 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 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. ($\frac{1}{4}$ to $\frac{1}{2}$ 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. ($\frac{1}{4}$ to $\frac{1}{2}$ 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. ($\frac{1}{4}$ to $\frac{1}{2}$ 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. ($\frac{3}{4}$ 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 assure good coverage of top and underside of leaves.
Greenhouse & Outdoor Ornamentals (including nursery stock, flowers, and plants grown for propagation purposes.)	Spruce Spider <i>Oligonychus</i> Two-Spotted Spider		8 to 16 fl. oz. ($\frac{1}{2}$ to 1 pt.)	(1) Do not add oil to the spray solution. (2) Apply when mites first appear. Repeat as necessary to maintain control, but not more than once every 28 days. (3) Apply to the foliage only of chrysanthemums (pre-bloom) and poinsettias (prebract).

¹ For Concentrate Sprays — Adjust the dosage to apply an amount not exceeding that used in a dilute spray.

² Do not use Vendex 4L on the following citrus: Tangerines, tangelos.

4-F-6



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EPA Reg. No. 201-412

Contains 4 lbs. Vendex per gallon

ACTIVE INGREDIENTS

BY WEIGHT

Hexakis (2-methyl-phenylpropyl)-

distannoxane 42.0%

INERT INGREDIENTS 58.0%

TOTAL 100.0%

OCT 17 1985

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EPA Reg. No. 201-412

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DOSAGE AND CROP RECOMMENDATIONS

Crop	Mites Controlled	For Concentrate Sprays Vandex 4L Per Acre ¹	For Dilute Sprays Vandex 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 leaf set. (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 8 fl. oz. (1/4 to 1/2 pt.)	
Citrus	Citrus Red Citrus Rust Texas Citrus Yuma Spider Two-Spotted Spider	2 to 4 pints ²	4 to 8 fl. oz. (1/4 to 1/2 pt.)	(1) Do not apply more than 800 gals. dilute spray per acre. (2) Apply when mites first appear. Repeat as necessary to maintain control. (3) Do not apply more than 4 sprays in any 12-month period. (4) Do not apply within 7 days of harvest.
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 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 600 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 assure good coverage of top and underside of leaves.
Greenhouse & Outdoor Ornamentals (including nursery stock, flowers, and plants grown for propagation purposes.)	Spruce Spider <i>Oligonychus</i> 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, but not more than once every 28 days. (3) Apply to the foliage only of chrysanthemums (pre-bloom) and poinsettias (prebtract).

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

² Only use dilute spray applications on lemons.

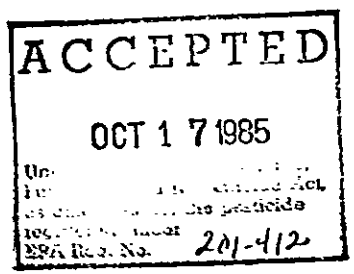
 Shell	<h1 style="margin: 0;">Vendex[®] 4L</h1> <h2 style="margin: 0;">MITICIDE</h2> <p style="margin: 5px 0;">Contains 4 lbs. VENDEX per gallon</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 70%;">Active Ingredient</td> <td style="width: 30%; text-align: right;">By Weight</td> </tr> <tr> <td>Hexakis (2-methyl-2-phenylpropyl) distannoxane</td> <td style="text-align: right;">42.0%</td> </tr> <tr> <td>Inert Ingredients</td> <td style="text-align: right;">58.0%</td> </tr> <tr> <td style="text-align: right;">TOTAL</td> <td style="text-align: right;">100.0%</td> </tr> </table>	Active Ingredient	By Weight	Hexakis (2-methyl-2-phenylpropyl) distannoxane	42.0%	Inert Ingredients	58.0%	TOTAL	100.0%	 Shell
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SUPPLEMENTAL LABELING FOR USE ON EGGPLANTS
EPA Reg. No. 201-412

DIRECTIONS FOR USE

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

Refer to package label for spray mixing direction and general use instructions.



Crop	Mites Controlled	For Concentrate Sprays-Vendex [®] 4L/Acre	Remarks
Eggplant	Glover's Mite Two-Spotted Spider Mite	2 - 4 pints	<ol style="list-style-type: none"> 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. 5. Not registered in California.

IMPORTANT

Before using VENDEX 4L Miticide, read carefully and observe the precautionary statements and all other information appearing on the product label.

This bulletin contains new or supplemental instructions for use of this product which may not appear on package label and must be in possession of the user at the time of application. Follow the instructions carefully.

Shell Chemical Company
 A Division of Shell Oil Company
 P.O. Box 3871
 Houston, TX 77001