

PM 92

67702-4

4-28-98

10410



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division  
(7501W) 401 M St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

67702-4

Date of Issuance:

APR 28 1998

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

NEU 1160 Vegetable Oil  
Insecticide

Name and Address of Registrant (include ZIP Code):

W. Neudorff GmbH KG  
c/o Walter G. Talarek  
1008 Riva Ridge Drive  
Great Falls, VA 22066

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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/reregistered 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 sec.3(c)(5) provided you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec.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.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 67702-4"
3. Submit five copies of the revised final printed label for the record.

Signature of Approving Official:

Date:

4/28/98

20410

# NEU1160

## Vegetable Oil Insecticide

Active Ingredient	By Wt.
Canola Oil .....	96%
Inert Ingredients .....	4%
Total .....	100%

This product contains 7.368 lbs. of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

### CAUTION

#### FIRST AID

**IF SWALLOWED:** Ingestion may irritate the digestive tract, seek medical attention if symptoms persist or if material is ingested in large quantities. Call a physician for advice.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

NET CONTENTS:       Gallons

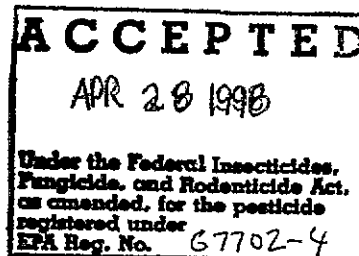
EPA Registration #: 67702-U

EPA Establishment # 67702-WG-1

#### PRECAUTIONARY STATEMENTS - COMMERCIAL AGRICULTURE

**Hazards to Humans and Domestic Animals:** Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE) Requirements:** Applicators and other handlers must wear: long-sleeved shirts and long pants; shoes plus socks; and waterproof gloves. Follow manufacturer's instructions for maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.



30410

### User Safety Recommendations - Commercial Agriculture

- Users should wash hands before eating, drinking chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove clothing immediately after handling the product. If gloves are worn, wash the outside of the gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

### PRECAUTIONARY STATEMENTS - HOUSEHOLD

**Hazards to Humans and Domestic Animals:** Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**Environmental Hazards:** Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

### STORAGE AND DISPOSAL - COMMERCIAL AGRICULTURE

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

**STORAGE:** Store this product in its original container and keep in a secure storage area out of reach of children and domestic animals.

**DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### STORAGE AND DISPOSAL - HOUSEHOLD

**STORAGE:** Store this product in its original container and keep in a secure storage area out of reach of children and domestic animals.

**DISPOSAL:** Do not reuse container. Securely wrap original container in several layers of newspaper and discard in trash.

40/10

#### **DIRECTIONS FOR USE - HOUSEHOLD**

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

Please read entire label. Use only as directed. Shake well before each use. Thoroughly wet all parts of the pests and plants. Repeat treatment in 1 - 2 weeks if needed.

#### **DIRECTIONS FOR USE - COMMERCIAL AGRICULTURE**

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

Please read entire label. Use only as directed. Shake well before each use. Thoroughly wet all parts of the pests and plants. Repeat treatment in 1 - 2 weeks if needed.

Do not apply this product in a manner that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency representative responsible for pesticide regulation.

#### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted-entry interval, and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

There is a restricted-entry interval of 4 hours.

PPE required for early reentry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: long-sleeved shirts and long pants; and shoes plus socks.

Conflicting Instructions: If the requirements of the WPS conflict with instructions listed elsewhere on this product label, users must obey the more protective requirements.

50410

#### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural workers (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

There is a restricted entry interval of 4 hours.

#### **DIRECTIONS FOR MIXING - HOUSEHOLD**

For 2% formulation: mix 4 teaspoons of concentrate with 1 quart water (or 2 fluid oz. concentrate with 3 quarts water). Shake well before each use and stir or shake diluted spray frequently during use. Apply one quart of formulation for 3 square yards.

#### **DIRECTIONS FOR MIXING - COMMERCIAL AGRICULTURE**

For field applications, apply 2% formulations, 2 gal per 100 gal, at a rate of 400 gal/acre.

1. Add sufficient water to the mixing tank to allow proper agitation by pump or paddles.
2. Continue stirring while adding first the oil then the remaining water.
3. Continue to stir throughout use.
4. If using equipment without pump or paddle, shake often during use.
5. Flush fluid in sprayer hose lines back into the tank if the solution has remained unstirred for more than 20 minutes.

60410

# **PESTS/SITES AND APPLICATION INSTRUCTIONS - COMMERCIAL AGRICULTURE**

Repeat, as needed, up to three applications per complex.

Crop	Pest	Application	Rate
Fruit and nut trees - apples, apricots, cherries, nectarines, peaches, pears, plums, prunes, nuts (pecans and almonds)	aphids, apple red bug, scales, European red mite, fruittree leafroller, leafhoppers, mites, pear psylla, certain caterpillars	Dormant, pre-bloom and summer use	2%
Flowering, foliage and bedding plants - greenhouse and outdoors	aphids, fungus gnats, lace bugs, leafminers, mealybugs, mites, scales, whiteflies	Apply as needed	2%
Cotton	aphids, spider mites, whiteflies	When insects appear - repeat weekly as needed	2%
Corn (field, sweet)	aphids, corn rootworm, earworms, fall armyworm	Early spring and summer use	2%
Sugar beets	leafminer, mites	As needed	2%
Soybeans, melons, tomatoes, vegetables (asparagus, beans, beets, cabbage, cauliflower, celery, corn, cucurbits, eggplant, lettuce, lima beans, peas, potatoes, peppers, radishes, squash)	aphids, adelgids, armored scale, beetle larvae, cankerworms, certain caterpillars, leafhoppers, leafminers, leafrollers, mealybugs, mites, psyllids, plant bugs, soft scales, webworms, whiteflies	Summer use	2%
Figs	fig scale	Dormant or pre-bloom	2%
Olives	spider mites, scales: parlatoria, oleander and black	Pre-bloom or post-bloom	2%

Crop	Pest	Application	Rate
Small fruits (grapes, strawberry, blueberry, raspberry, cranberry)	aphids, grape phylloxera, leafhoppers, mealybugs, mites, scales	Dormant and summer use	2%
Citrus	aphids: citrus mealybug; mites; scale: red, black, yellow & purple	Post-bloom, summer or fall	2%
Ornamental and shade trees (flower and foliage plants, birch, flowering cherry, dogwood, evergreens, hawthorn, holly, magnolia, maple, oak, flowering peach, privet, pyracantha, sycamores)	aphids, adelgids, certain caterpillars, gall mites, lace bugs, leaf beetle larvae, leafhoppers, mealybugs, mites, plant bugs (immature), psyllids (immature), scales (immature), spider mites, whiteflies (immature)	Dormant, pre-bloom and summer use	2%
Houseplants	aphids, fungus gnats, mealybugs, mites, scales, springtails, whiteflies		2%
Forage (alfalfa)	spider mites	As needed	2%

#### PESTS/SITES AND APPLICATION INSTRUCTIONS- HOUSEHOLD

NEU1160 will control insect pests such as: aphids, mealybugs, mites, leafhoppers, scale, whitefly, adelgids, immature plant bugs, sawfly larvae, psyllids, leaf beetle larvae, and phylloxera. Apply at a rate of 2% formulation. Using hand-held trigger sprayers, hand sprayers or backpack sprayers, thoroughly spray insect pests with diluted product until plants are wet. Repeat treatment in 1-2 weeks if needed. Apply one quart of formulation for 3 square yards.

For use indoors, outdoors and in greenhouses on fruit and nut trees (e.g., apples, cherries, peaches, pears, nuts); flowering, foliage and bedding plants; corn; soybeans; melons; tomatoes; vegetables (e.g., beans, cabbage, cucurbits, peas, potatoes); figs; small fruits (e.g., grapes, strawberry, raspberry); citrus; ornamental and shade trees (e.g., birch, evergreens, holly, oak); houseplants.

#### DIRECTIONS FOR DORMANT USE - COMMERCIAL AGRICULTURE

Controls egg stages of pests present in dormant season and scale insects, mites and mealybugs on dormant shrubs, evergreens, woody plants, fruit trees and shade trees.

80410

NEU1160 LABEL  
7/9

For field applications apply 2% formulation, 2 gal. per 100 gal., at a rate of 400 gal/acre.

#### **DIRECTIONS FOR DORMANT USE - HOUSEHOLD**

Controls egg stages of pests present in dormant season and scale insects, mites and mealybugs on dormant shrubs (such as roses), evergreens, woody plants, fruit trees and shade trees. For dormant use apply a 2% formulation, mix 4 teaspoons of concentrate with 1 quart water (or 2 fluid ounces concentrate with 3 quarts water). Thoroughly wet the dormant plants or trees.

#### **USE PRECAUTIONS - COMMERCIAL AGRICULTURE:**

Oil removes the glaucous (blue) bloom from such evergreens as Colorado blue spruce and Koster spruce. Use caution on blooms and buds and on oil sensitive plants such as: Chamaecyparis, Cryptomeria, Japanese Holly, Red Cedar and Smoke Tree. If concerned about sensitivity of plants, test spray a portion of the plant and wait several days to determine if burn occurs before spraying larger areas.

For foliage application the spray tank must be free of any sulfur residue before using this material. Do not combine sulfur sprays with this material on foliage during spring and summer months and do not follow a previous application of sulfur or apply sulfur following an application of this material until sufficient time has elapsed for safety (at least 30 days). If in doubt, spray a portion of one tree previously treated with sulfur and wait several days to determine if burn occurs.

When used in combination with or immediately before or after spraying, this product may increase the phytotoxicity of dinitro compounds, or fungicides such as Captan, Folpet, Karathene and Morestan, or copper compounds. If in doubt, treat a small area with a combination spray and wait several days to determine if burn occurs.

Do not use NEU1160 spray when temperatures are above 90°F. When temperatures drop below 32°F during the night, do not spray tree and vine crops until daytime temperatures have warmed to a point above 35°F and crops are free from moisture due to melting frost or heavy dews.

Use of the NEU1160 on citrus after October 1 may increase the tree's susceptibility to cold damage.

#### **USE PRECAUTIONS - HOUSEHOLD:**

Oil removes the glaucous (blue) bloom from such evergreens as Colorado blue spruce and Koster spruce. Use caution on blooms and buds and on oil sensitive



plants such as: Chamaecyparis, Cryptomeria, Japanese Holly, Red Cedar and Smoke Tree. If concerned about sensitivity of plants, test spray a portion of the plant and wait several days to determine if burn occurs before spraying larger areas.

Do not combine with sulfur and do not follow a previous application of sulfur or apply sulfur following an application of this material until sufficient time has elapsed for safety (at least 30 days).

When used in combination with or immediately before or after spraying, this product may increase the phytotoxicity of dinitro compounds, or fungicides such as Captan, Folpet, Karathene and Morestan, or copper compounds. If in doubt, treat a small area with a combination spray and wait several days to determine if burn occurs.

Do not use NEU1160 spray when temperatures are above 90°F. When temperatures drop below 32°F during the night, do not spray tree and vine crops until daytime temperatures have warmed to a point above 35°F and crops are free from moisture due to melting frost or heavy dews.

Use of the NEU1160 on citrus after October 1 may increase the tree's susceptibility to cold damage.

#### **IRRIGATION SYSTEM USE - COMMERCIAL AGRICULTURE**

Sprinkler irrigation system must contain anti-siphon valve, check valves, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. It must contain interlocking controls between the metering device and the water pump to ensure simultaneous shutoff. Do not connect an irrigation system (including greenhouse systems) used for pesticide application, to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

Maintain constant agitation in the chemical supply tank during insecticide application period. Inject NEU1160 with a positive displacement pump into the main line ahead of a right angle turn to ensure adequate mixing. Application is not recommended when any leakage is occurring at system connections and fittings, when nozzles do not provide uniform distribution, when lines must be dismantled or drained or when wind speed favors drift.

Accuracy in distribution is important as adequate coverage must occur for insect control yet excessive coverage may cause crop injury. To improve accuracy in calibration inject a larger volume of a more dilute suspension per unit of time.

## NOTICE TO BUYER

Seller warrants that this product conforms to the chemical description on this label and is reasonably fit for purposes stated on this label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. Buyer assumes all risk of any such use. Seller makes no other warranties, either expressed or implied.

Marketing claims and product information that may or may not be presented on the container or supplemental labeling:

- Dormant and growing season insect spray.
- Kills all stages of insects, including eggs.
- Based on plant oils.
- Residual protection against mites.
- Does not persist in the environment.
- Contact insecticide, ovicide.
- Insecticide from plants for plants.
- Acts as a repellent (ovipositional and feeding deterrent).

Registrant: W. Neudorff GmbH KG, Postfach 1209, an der Mühle 3,  
D-31860 Emmerthal, Germany