



# Neem MAX

Ready-to-Spray

**4-in-1**

**FUNGICIDE, INSECTICIDE,  
MITICIDE AND NEMATICIDE\***

Cold Pressed Neem Oil

**READ ALL DIRECTIONS BEFORE USING THIS PRODUCT.**

**Shake Well Before Use** \*For residential use on listed crops including vegetables, fruits, citrus, nuts, ornamental plants, lawns and other listed plants.

**Keep Out Of Reach Of Children**

(See back label for additional precautionary statements, directions for use, storage and disposal statements, and warranty.)

**ACTIVE INGREDIENT:**

Cold Pressed Neem Oil . . . 70.0%

**OTHER INGREDIENTS:** . . . 30.0%

**TOTAL** . . . . . 100.0%

EPA REG. NO. 88760-13-4

EPA EST. NO. 4-NY-1

2010

TRUSTED SINCE 1926

**BONIDE®**



## NeemMAX *Ready-to-Spray*

- ✓ Captain Jack's™ NeemMAX Ready-to-Spray (RTS) is an effective biological fungicide, insecticide, miticide and nematocide for organic gardening use on vegetables, fruits, nuts, vines, citrus, ornamentals, shrubs and trees, grass lawns, and houseplants
- ✓ Controls spider mites, aphids, whiteflies, caterpillars, and listed fungal diseases and soil nematodes
- ✓ For organic gardening
- ✓ Spray up to time of harvest
- ✓ Kills over wintering insect eggs

EPA Reg. 88760-13-4 EPA Est. No. 4-NY-1  
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Bonide Products, LLC  
6301 Sutliff Road  
Oriskany, NY 13424

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## **DIRECTIONS FOR USE**

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

## **READ ALL DIRECTIONS BEFORE USING THIS PRODUCT**

Shake well before use.

## **GENERAL INFORMATION**

This product controls listed insects on contact or by ingestion. The product acts on insects by way of repellence, anti-feedant action and interference with the molting process. This product controls listed diseases by inhibiting mycelial (vegetative part of a fungus) fungal growth. The efficacy of this product is dependent on weather conditions, intensity of pest population, area of application, and physical stages of pests and crops.

Do not store this product above 104°F for extended periods of time. Avoid storing below 70°F where possible to prevent freezing. If frozen, follow the thawing instruction below to completely thaw before use. Keep containers tightly closed and in original containers when not in use. Do not store exposed to ultraviolet light (sunlight) or moisture.

## **THAWING (MELTING) INSTRUCTIONS**

If product is solidified, thaw (melt) it by standing product container in warm water. Make sure cap is tightly closed. Or set out in temperatures over 80°F for 24 hours or at 72°F or higher for 7 days. Avoid direct exposure to temperatures over 104°F.

## USES

This product may be used on fruit trees, bulbs, cucurbits, fruiting vegetables, leafy and brassica (cole) vegetables, legumes, root and tuber vegetables, small fruit and berries, citrus and tropical fruits, pome and stone fruits, tree nuts, herbs and spices, grass, lawn, and ornamentals. This product is most effective when applied before insects or eggs are present in large numbers.

## FRUIT & NUT TREES

This product can be applied to fruit trees including Apples, Avocados, Crabapples, Loquat, Mayhaw, Oriental Pear, Pear, Quince, Apricot, Cherry (sweet & Tart), Citrus, Oranges, Grapefruit, Limes, Lemons, Nectarine, Peach, Plum, Plumcot, Prune, Almond, Beechnut, Brazil nut, Butternut, Cashew, Chinquapin, Filbert (Hazelnut), Hickory, Macadamia nut, Pecan, and Walnut (Black & English).

## FRUIT TREE STAGES AND SPRAY SCHEDULE

<b>Dormant:</b> Absence of growth in late fall, winter and early spring.	Ideal time to apply as a Dormant spray for control of over-wintering insects.
<b>Green Tip Stage:</b> When branch tips show new, green tissue. <b>Pre-Bloom/</b> <b>Pink Bud Stage:</b> When blossom buds show full color before opening.	Second application can be made anytime in this period of growth
<b>Bloom Stage:</b> When blossoms are open.	To protect pollinating insects, such as bees, do not spray during this period.
<b>Petal Fall Stage:</b> When the last of petals have fallen from the blossoms (when bees are gone).	Third application can be made.
<b>Fruit Set:</b> Fruit is established and clearly visible	Fourth and subsequent applications can be made every 10 – 14 days

## SPRAY DIRECTIONS

Spray to control listed pests. Ensure thorough coverage of plant surfaces but avoid pooling or run off.

Avoid spraying under conditions of high humidity and higher temperature (>90°F). To avoid potential leaf burn, apply the product in early morning or late evening. Always test the product on a small portion of plants for compatibility before treating the entire plants.

## MIXING INSTRUCTIONS

This ready-to-spray container will mix water with the product for the appropriate use dilution when used according to the following instructions.

## READY-TO-SPRAY INSTRUCTIONS

- 1) Make sure control knob is in "OFF" position, then connect to garden hose.
- 2) Turn water on at faucet. When spraying low growing plants and small shrubs, twist the control knob right, to the "FAN" position. When spraying taller trees, shrubs and other plants, twist the control knob left to the "STREAM" position for extended reach and more uniform coverage. The product mixes automatically with the water as you spray.
- 3) To stop spraying, turn the control knob lever to the "OFF" position. Turn off water at the faucet and disconnect sprayer from garden hose.

## PESTS

This product may be used to control a variety of insects and diseases listed below.

**Aphids such as:**

Cotton Aphid  
Cowpea Aphid  
Pea Aphid  
Green Peach Aphid

**Beetles such as:**

Cucumber Beetle  
Japanese Beetle  
Spotted Cucumber Beetle

**Borers such as:**

Peachtree Borers  
Peach Twig Borers

**Caterpillar/Moths/Worms such as:**

Armyworms  
Budworms  
Cutworms  
Diamondback Moth  
Gypsy Moth

Leafrollers  
Loopers  
Naval Orange Worm

**Grasshoppers such as:**

Carolina Grasshopper  
Rice Grasshopper

**Leafhoppers such as:**

Grape Leafhopper  
Potato Leafhopper

**Leafminer such as:**

Citrus Leafminer  
Tomato Leafminer  
Vegetable Leafminer

**Maggots/Grubs such as:**

Apple Maggots  
Onion Maggots

**Mealy Bugs such as:**

Citrus Mealy Bug

**Mites such as:**

Pacific Spider Mites  
Red Spider Mite  
Spider Mites  
Two Spotted  
Spider Mite

**Scales such as:**

California Red Scale  
Coffee Green Scale  
San Jose Scale  
Soft Scale

**Thrips such as:**

Flower Thrip  
Grape Thrip  
Onion Thrip  
Western Flower Thrip

## PESTS

This product may be used to control a variety of insects and diseases listed below (continued).

### **True Plant Bugs**

#### **such as:**

Lygus Bug  
Phylloxera  
Spittle Bug  
Stink Bug  
Tomato Stink Bug

#### **Weevils such as:**

Black Vine Weevil  
Boll Weevil  
Pepper Weevil

#### **Wireworms such as:**

Field/Wheat Wireworm

#### **Flies/Gnats such as:**

Fruit Fly  
Fungus Gnat  
Walnut Husk Fly

#### **Psyllids such as:**

Asian Citrus Psyllid  
Pear Psyllid  
Potato Psyllid

#### **Whiteflies such as:**

Cotton Whitefly  
Silverleaf Whitefly  
Greenhouse Whitefly

#### **Foliar Fungal Diseases**

Alternaria  
Anthracnose  
Blight (early, late, leaf)  
Botrytis  
Black Spot  
Brown Rots or Fruit Rots  
Downey Mildew  
Molds

#### **Powdery Mildew**

Rust  
Scab  
Stem Mildew  
Southern Blight  
Sour Rot Grapes

#### **Soil Fungal Diseases**

Fusarium Oxysporum  
Pythium  
Rhizoctonia Solani

#### **Nematodes such as:**

Dagger Nematode  
Lance Nematode  
Lesion Nematode  
Reniform Nematode  
Root Knot Nematode  
Soybean Cyst Nematode  
Sting Nematode

## STORAGE AND DISPOSAL

For optimal use experience, store in room temperature (>60°F) where possible to prevent thickening. If product has started to solidify, refer to “Thawing Instruction”. Store in tightly closed original container when not in use. Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## PRECAUTIONARY STATEMENTS | HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### ENVIRONMENTAL HAZARDS

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.



## NOTICE

Bonide Products, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Bonide Products, LLC, and, (2) buyer and user assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, BONIDE PRODUCTS, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

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Lift & Peel Here