

smaller quantity\* and increase as needed to create a milky solution. NOTE: NO OIL SHOULD BE FLOATING ON TOP. (\*Too much soap could cause leaf burn.)

**PESTS:** *Neem Pro 100%* may be used against the following pests:

Aphids	Cotton aphids, Cowpea aphids, Mustard aphids, Okra aphids, Pea aphids, Rice aphids.
Beetles	Brinjal (Egg Plant) Spotted Leaf Beetle, Chick pea beetle, Cow pea beetle, Colorado potato beetle, Cucumber beetle, Mexican Bean beetle, Radish Flea beetle, Red Pumpkin beetle, Spotted cucumber beetle, Soya bean Japanese beetle.
Stink Bugs	Tomato stink bugs.
Caterpillars	Black headed caterpillar, Cabbage caterpillar, Ear cutting caterpillar, Tobacco caterpillar, Yellow hairy caterpillar.
Leafhoppers	Brown plant hopper, Carolina grass hopper, Leaf hopper, Potato leaf hopper, Rice green leaf hoppers.
Leafminers	Leafminers of ornamental plants, Tomato leaf miner.
Whiteflies	Cotton white fly, Sugar cane white fly, Banded wing white flies, Citrus white flies.

Mealy Bugs	Mealy bugs of ornamental plants.
Midges	Brassica pod midge.
Mites	Spider mites.
Nematodes	Root knot nematodes.
Weevils	Black Vine Weevil.
Scales	California red scales, Yellow scales, Coffee green scales.
Thrips	Peanut Thrips.

#### STORAGE AND DISPOSAL

Store in a cool dry place out of reach of children and pets and away from direct sunlight, windows, flames, and other sources of heat or ignitions. Non-refillable 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.

#### NOTICE ON CONDITIONS OF SALE

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully.

However, it is impossible to eliminate all risks 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 Seller. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Seller makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Seller is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Seller disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Seller election, the replacement of product.

Manufactured For:  
**Neem Pro Inc.**  
 5300 W Meadowridge  
 Sherman, TX 75092

**OMRI LISTED**  
For Organic Use

# NEEM PRO 100%

**BIOLOGICAL INSECTICIDE**

**Anti-Feedant, Insect Repellent, Insect Growth Regulator**  
 For Crop and Use on Other Listed Plants including vegetables,  
 fruits, nuts, ornamental plants, and other plants

## CAUTION

**KEEP OUT OF REACH OF CHILDREN**

Refer to inside of label booklet for directions for use and precautionary statements.

**READ ALL DIRECTIONS BEFORE USING THIS PRODUCT.**  
 If you do not understand this label, find someone to explain it to you in detail. (Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.)

<b>Active Ingredient:</b>	Cold Pressed Neem Oil *.100.00%
<b>Other Ingredients.....</b>	0.00%
<b>Total:</b>	100.00%
* Contains azadirachtin 3750 ppm	
EPA Reg.No.: 88760-4-91491	
EPA Est. No.: 91491-TX -1	

**Net Contents**  8 ounce  16 ounce

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMAN AND DOMESTIC ANIMALS**

CAUTION: Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Route of entry	First Aid
<b>If inhaled</b>	Move the person to fresh air. If the person is not breathing, call 911 or an ambulance and then give artificial respiration, preferably mouth-to-mouth if possible. Call a doctor or poison control center for treatment advice.
<b>If on skin or clothing</b>	Remove contaminated clothing. Rinse skin immediately with plenty of water for about 15 minutes. Call a doctor or poison control center for treatment service.
<b>If in eyes</b>	Hold eye open and rinse slowly and gently with water for about 15 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. Call a doctor or poison control center for treatment service.
<b>If swallowed</b>	Call a poison control center or doctor immediately for treatment. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless instructed to do so by a poison control center or doctor.

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For non-emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: [www.npic.orst.edu](http://www.npic.orst.edu)).

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water bodies. Do not contaminate water when cleaning equipment or disposing wash water. 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.

**DIRECTIONS FOR USE**

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

**GENERAL INFORMATION**

Neem Pro 100% controls target pests on contact or by in-

gestion. The product acts on pests by way of repellence, anti-feedant action and interference with the molting process. The buyer or user is reminded that the degree of efficacy of the product is largely dependent on weather conditions, intensity of pest population, area of application, type of pest, and physical stages of pests and crops.

Do not store this product above 104°F or below 20°F for extended periods of time. Keep containers tightly closed and in original containers when not in use. Do not store exposed to ultraviolet light (sunlight) or moisture. Neem oil clouds and solidifies at temperatures below 59°F. If oil has solidified, gently thaw by exposing to temps over 80°F. Avoid spraying under conditions of high humidity and high temperature (>90°F).

**THAWING (MELTING) INSTRUCTIONS**

Thaw (melt) solidified or frozen oil as suggested below:

8oz, 32oz and 1-Gallon bottles	If oil has solidified, thaw by standing bottle in warm water. Make sure cap is tightly closed. Or set out in temps over 80°F. Avoid direct exposure to temperatures over 140°F.
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**MIXING INSTRUCTIONS**

Neem Pro 100% contains pure cold pressed Neem Oil and requires a surfactant/emulsifier, such as soap (hand or dish

soap may be used), a non-ionic surfactant/emulsifier or other organic emulsifier for dilution with water. NOTE: Do not attempt application without adding adequate quantity of surfactant or soap as improper emulsification will result in phytotoxicity such as leaf burn.

Add the soap/surfactant/emulsifier and Neem Pro 100% to a mixing tank or spray bottle with a little water and agitate thoroughly. Then add remaining water to the spray tank or spray bottle with continuous agitation. Use warm water (not hot) if water temperature is below 60°F.

**Use Sites:** Neem Pro 100% may be used on various plants including beans, berries, corn, citrus trees, cole crops, cucurbits, herbs, fruit and nut trees, vegetables, roots and tubers, grass, lawns and ornamentals.

**Use Rates:** For best results, apply Neem Pro 100% at 0.5-2.0% (2.0% only for trees, other applications 0.5% to 1.0%) plus soap, surfactant or emulsifier in sufficient amounts of water to achieve complete coverage. Neem Pro 100% is most effective when applied before insects or eggs are present in large numbers. Repeat application every 7 to 14 days.

**Spray Directions:** Apply Neem Pro 100% as a foliar spray or as soil drench to control insects. When needed, soil drenches can also be used to control soil borne pests and larvae of pests. When needed as a soil drench, avoid excessive run off.

**Instructions for 1 Gallon Sprayer**

Concentration	Fluid Ounces (oz) Neem Oil per Gallon Water	Tablespoons (approx.) per Gallon Water	Soap (approx.) Recommendation
0.5%	2/3 oz	1 1/3 Tbs	1/3-2/3 teaspoon
1.0%	1 1/3 oz	2 1/2 Tbs	2/3-1 1/3 teaspoon
2.0% (trees only)	2 1/2 oz	5 Tbs	1 1/3-2 1/2 teaspoon

**Instructions for 32 oz. (1 Qt.) Spray Bottle**

Concentration	Teaspoons (approx.) Neem Oil per 32 ozs. (1 Qt) Water	Soap (approx.) Recommendation
0.5%	1 teaspoon	1/12-1/6 teaspoon
1.0%	2 teaspoons	1/6-1 1/3 teaspoon
2.0% (trees only)	4 teaspoons	1 1/3-2 1/2 teaspoon

Note:

1. Use adequate amount of soap/surfactant to form a good emulsion. Initially, use 1/2 to 1 teaspoon soap/surfactant/emulsifier per ounce of Neem Pro 100%. Use more as needed.
2. Amount of soap required varies according to the nature of the soap/surfactant/emulsifier used. Start with a