

PRODUCT SHEET

# NEEMSHIELD



**NEEM OIL PREMIUM SELECTION FROM COLD PRESSING  
EMULSIFIABLE**

**COMPOSITION:**

100 g of product contain:

Neem Oil	g 85	containing 0.3 g of Azadirachtin
Other	g 15	Bio emulsifier

**Smileybee Ltd.**

Strovolou, 77 Strovolos Centre II/204, Strovolos, 2018, Nicosia, Cyprus – VAT CY10414692W

**Commercialized by :**

Smileybee Ltd - Strovolou, 77 Strovolos Centre II/204, Strovolos, 2018, Nicosia, Cyprus



# NEEMSHIELD

Active ingredient:  
Azadirachtin 3000 ppm

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## GENERAL INFORMATION

Azadirachtin is a substance extracted from the seeds of Neem (*Azadirachta indica*), an arboreal species belonging to the Meliaceae family, native to the Indian subcontinent, but currently also widespread in the tropical and subtropical areas of Africa, America and Australia.

The fundamental characteristic of this meliaceae is the presence, in different parts of the plant (leaves, seeds, fruits, wood and bark) of numerous active ingredients of phytoiatric interest.

Of the more than one hundred substances present, the most active from a biological point of view are limonoids, among which azadirachtin is the most active component.

## FEATURES

Effective towards: Rhyncotes (e.g. Aphids, Aleurodids, Cicaline, Bedbugs, Metcalfa, Psilla), larvae of Ledipotteri (e.g. Nottue, Leaf Miners, Moths, Cheimatobia), Tisanotteri (Thrips), Beetles (e.g. Colorado potato beetle), Diptera (Leaf miners) and mites.

The substance acts mainly by ingestion but also by contact with a regulatory mechanism of growth action, inhibiting the formation and release of ecdysone, the main hormone involved in the control of insect molting; leading to the formation of the so-called "permanent larvae", unable to molt due to the destruction of the cuticle.

The substance causes loss of appetite and reduces the fecundity of females and the fertility of eggs.

The behavior of the substance on the plant is translaminar and moderately systemic if absorbed radically.

The product has no negative effects on non-target organisms and despite the wide spectrum of action, it shows a remarkable selectivity towards useful organisms and pollinators as it acts mainly by ingestion.



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## **FIELDS, DOSES AND METHODS OF USE**

NEEMSHIELD has to be used at the indicated doses which are to be considered indicative as they may vary depending on environmental conditions and / or plant development.

Ensure a complete and uniform wetting of the vegetation.

Perform the spray in the coolest hours of the day.

The product must be used in a preventive and / or timely manner at the first appearance of phytophagous, possibly repeating the treatment with an interval of 7-14 days.

Perform up to 3 applications on the following cultures:

- grapefruit, lemon, mandarin, orange
- apple, pear
- apricot, cherry, peach, nectarines, plum
- vine, strawberry, blackberry, bramble, raspberry, blueberry, currant, gooseberry
- fig, actinidia, kaki,
- olive tree
- almond, chestnut, hazel, walnut
- carrot, onion, shallot, tomato, pepper, eggplant
- cucumber, zucchini, melon, watermelon
- cauliflower, cabbage, savoy cabbage, lettuce, escarole, endive, arugula, chicory, radicchio, garlic, pumpkin, spinach, chard and chard, celery, parsley, basil, green beans, fennel, leek,
- cultivated mushrooms, potato
- cotton, tobacco, floral, ornamental, forestry.

Dosage: 6 liters of product per hectare, diluting 8 ml of product for each liter of water.

**Shake well before use.**



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## COMPATIBILITY WITH OTHER PRODUCTS

NEEMSHIELD lends itself to being used in combination with other products for hobby use as often suggested in the main gardening and amateur agriculture magazines.

## WARNINGS

The doses reported are indicative as they depend on environmental conditions  
Store between 5°C and 40°C, away from sunlight

- In case of leakage of the product collect the liquid with sawdust and sand
- Keep out of reach of children and animals
- During use use gloves and avoid contact with eyes and mouth and in case of contamination, wash thoroughly with soap and water.

NEEMSHIELD does not have the characteristics of either a fertilizer or a phytosanitary product.

The packaging, composition and quality of the products used provide sufficient information to consumers in accordance with applicable regulations.

