



# Ferti-Organic

## TECHNICAL SHEET

**Ferti-Neem Oil** is a highly pure, non-diluted, cold-extracted oil from organic neem seed kernels without the use of heat, chemicals, or petrochemicals. The cold-press extraction is done through a temperature control process with zero ingredient loss. Due to its fatty acid content Ferti-Neem Oil will begin to solidify at or below 60°F.

It is effective against insecticide-resistant pests and yet does not harm beneficial insects. Additionally, Ferti-Neem Oil active ingredient, azadirachtin, works by inhibiting the development of immature insects.

Ferti-Neem Oil possesses germicidal and anti-bacterial properties which are useful to protect the plants from a variety of pests. One of the most important advantages of Neem Oil versus its synthetic counterparts is the fact that it does not leave any residue on the plants.

### BENEFITS:

- Ideal for soil based insect control.
- Environmentally friendly, non-toxic.
- Has been proved to control 200 species of pests.
- Instead of killing pests it affects the life cycle of the pests.
- Anti-feedant properties found in Ferti-Neem Oil help to protect plants.
- Pests generally do not develop a resistance to Ferti-Neem Oil.
- Acts as a pest reproduction controller.

## Ferti - Neem Oil

### SPECIFICATION

Azadirachtin A	1645
Azadirachtin B	1355
Azadirachtin(A+B)	3000 ppm
Iodine	60-70
Saponification	190-199

### SOIL CONDITIONER:

As a natural soil conditioner it helps improve the quality of soil, thereby enhancing the growth of plants and fruits. It not only helps the plants grow, but also prevents them from being destroyed by certain pests and insects.

### STORAGE:

Store at room temperature. Avoid direct sunlight and cool to freezing temperatures. After use, keep container tightly closed.



**Ferti-Organic**

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### APPLICATION:

Once every 15 to 30 days depending on desirability. Shake Ferti-Neem Oil vigorously before opening and spray within 8 hours of mixing.

Ferti-Neem Oil/acre: 1 to 2 liters. Varies according to standing plant density or infestation.

Gardens: Mix 1 liter of water and 10 ml of a natural emulsifier (e.g. ecologically friendly detergent), stir vigorously. Add 50 ml of Ferti-Neem Oil and continue to stir vigorously. Add this mixture into 2.5 gallons of water, stir vigorously. Start application.

Large fields (acres, hectares): Mix 13 gallons of water and 9 pounds of a natural emulsifier (e.g. ecologically friendly detergent), stir vigorously. Add 7 gallons of Ferti-Neem Oil and continue to stir vigorously. Add this mixture into 1,321 gallons of water, stir vigorously.

**NOTE: TO REDUCE EMULSIFIER/DETERGENT USE WARM WATER.**

### RECOMMENDATIONS:

Spray very early morning or late afternoon to avoid hurting beneficial insects. Ferti-Neem Oil is not toxic but may suffocate them if sprayed directly on beneficial insects. Spray when insects are not active. Even though Ferti-Neem Oil is safe, a test application is recommended on plants that are known to be sensitive to oils (i.e. impatiens, hibiscus, some roses, fuchsias, tree like maples, etc.)



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