



Soluble Liquid (SL)

Chemical group: Potassium salts of fatty acids

Neudosan®

NEW



suitable for use in organic farming, according to the requirements of EU Regulation 848/2018 & 1165/2021

Guaranteed composition: Active substance: Fatty acids C7-C18 and C18 unsaturated potassium salts: 51.5% w/v, Auxiliary substances: 49.05% w/w

Insecticide for the control of Aphids, Mealybugs and Tetranychus in closed greenhouse cultures

Special agricultural, phytosanitary or environmental conditions under which the preparation can be used or excluded: The preparation contains the d.o. fatty acids C7-C18 and C18 unsaturated potassium salts with an unknown mechanism of action (unknown UNE group) according to IRAC. Resistance management: To avoid the development of resistance it is recommended to alternate applications with insecticides from another group with a different mode of action.

Safety interval between application and i) sowing or planting of the protected crop: --, ii) sowing or planting of the following crops: --, iii) human or animal access to the crop to which the preparation has been applied: Do not enter the sprayed crop before the spray liquid has completely dried on the plants.

Evidence of phytotoxicity, sensitivity of varieties and any other side effects on plants or their products: It is not phytotoxic on the approved crops for the recommended doses and application instructions.

Method of application: Foliar sprays ensuring good wetting of both sides of the leaves of the crop.

How to make spray liquid: Fill the sprayer tank halfway with water. Add the recommended amount of the formulation to the sprayer tank while stirring and top up with the remaining water while continuing to stir. Do not use hard water to prepare the spray solution. Do not leave the prepared solution for a long time, use it after preparation. Ideally, use water with a low salt content.

Sprayer cleaning: Empty the spray can completely. Rinse the barrel and all parts of the sprayer with water and detergent, then rinse three (3) times with clean water.

Instructions for the safe withdrawal of the plant protection product and packaging: The empty packaging (bottles/barrels) are rinsed under pressure with a special mechanism or triple rinsed (we pour the rinse water into the spray liquid) and after being destroyed beforehand by piercing for the ensuring non-further use, are deposited in collection points for recycling or energy recovery.

Compatibility: --.

Last operation before harvest or before placing on the market in the case of post-harvest uses: Not specified for all crops of this scope of action.

Storage conditions, time stability of the formulation: In its original closed packaging in a cool, dry and well-ventilated area, protected from direct sunlight, it remains stable for two (2) years from the date of manufacture.

Packages: 500cc / 1LT / 5LT / 10LT / 20LT

THE INFORMATION WRITTEN IN THIS FORM HAS AN INFORMATIONAL CHARACTER AND DOES NOT SUBSTITUTE IN ANY CIRCUMSTANCES.

PLANT PROTECTION PRODUCTS ARE INTENDED FOR USE BY PROFESSIONAL USERS.

INSTRUCTIONS FOR USE AND PRECAUTIONS, WRITTEN ON THE LABEL MUST BE OBSERVED.

FOR MORE INFORMATION CONTACT THE TECHNICAL DEPARTMENT OF OUR COMPANY OR CONSULT THE LOCAL AGRONOMISTS.

NitroFarm SA is certified with EN ISO 9001:2015 Quality Management System and EN ISO 14001:2015 Environmental Management System



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NitroFarm

— since 1976 —

Neudosan®

ACTION RANGE & DOSAGE

Category and mode of action: Insecticide for the control of aphids, mealybugs and spider mites in closed greenhouse crops. Acts by contact against juvenile and mature individuals of the enemies. It works in a natural way, disrupting the function of the lipoprotein plexus of the cell membrane of the enemies, causing their death, with immediate effect.

Field of Application-Target-Doses-How and time of application:

Tomato (G), Eggplant (G), Pepper (G): For Aphids (*Aphis fabae*), Mealybugs (*Bemisia tabaci*, *Trialeurodes vaporariorum*), Tetranychus *urticae*. **Cucumber (Θ)/Cucumber (G), Pumpkin (G), Watermelon (G), Melon (G), Pumpkin (G):** For Aphids (*Aphis gossypii*), Mealybugs (*Bemisia tabaci*, *Trialeurodes vaporariorum*). **Cauliflower (G):** For Aphids (*Myzus persicae*), Mealybugs (*Bemisia tabaci*, *Trialeurodes vaporariorum*). **Ornamentals (G):** For Aphids (*Aphis gossypii*, *Macrosiphum rosae*, *Macrosiphum euphorbiae*), Mealybugs (*Bemisia tabaci*, *Trialeurodes vaporariorum*), Tetranychus *urticae*. **Nurseries (G):** For Aphids (*Aphis fabae*, *Macrosiphum euphorbiae*), Mealybugs (*Trialeurodes vaporariorum*). **Doses:** i) 2000 ml/100 liters spray. liquid/hectare or 1800 ml in 90 liter spray liquid/hectare at the beginning of the infestation, depending on the height of the crop (< 50 cm), ii) 2000 cc/100 liters spray. liquid/acre or 2700 cc in 135 liter cc. liquid/hectare, with the onset of the infestation, depending on the height of the crop (50-125 cm), iii) 2000 cc/100 liters of spray. liquid/acre or 3600 cc in 180 liter spray liquid/hectare, at the onset of the infestation, depending on the height of the crop (> 125 cm).

Cabbage (G), Brussels Sprouts (G), Broccoli (G), Turnip (G), Chinese Cabbage (G): For Mealybugs (*Bemisia tabaci*, *Trialeurodes vaporariorum*). **Doses:** i) 2000 ml/100 liters spray. liquid/hectare or 1800 ml in 90 liter spray liquid/hectare at the beginning of the infestation, depending on the height of the crop (< 50 cm), ii) 2000 cc/100 liters spray. liquid/acre or 2700 cc in 135 liter cc. liquid/hectare, with the onset of the infestation, depending on the height of

the crop (50-125 cm).

Leafy vegetables, herbs and edible flowers (G), Lettuce (G), Radish (G), Arugula (G), Endives (Picride)(G)/ broadleaf endives (G), Chicory (G), Watercress (G), Chives (G), Cardamom (G) and other sprouts and sprouts (G), Red mustard (G), Cardamom (G), Horseradish (G), Beet leaves (G), Spinach (G), Young leaf crops (including types of rape) (G), Herbs (G), Rosemary (G), Parsley (Θ), Sage (G), Basil (G), Chives (G), Thyme (G), Parsley (G), Tarragon (G), Celery leaves (G): For Aphids (*Aphis fabae*). **Dose:** 2000 ml/100 liters spray. liquid/hectare or 1800 ml in 90 liter spray liquid/hectare at the onset of the infestation, depending on the height of the crop (< 50 cm).

Maximum number of applications per growing season/application interval in days: Ornamentals (G): Up to 2 applications per 14-21 days. For all other crops of the current range of action: Up to 5 applications every 5-7 days.

Remarks: 1. The use in Scaroles (*Picrida*)(Θ)/ broad-leaf endives also includes Katsara endives (Θ). 2. The use in *Lycotrivolo* also includes *Valerianella the eriocarpo*. 3. The use in Beet leaves (*seksula*) also includes *Seskla/seksula*. 4. The use of Tarragon also includes Dragonfly/Hyssop the medicinal Nettle and Stevia. 5. The use in Thyme includes Marjoram, Oregano, Thyme and Lemon Thyme. 6. The use in Basil also includes Calendula, Peppermint, St. John's wort and St. John's wort. 7. The use in Celery Leaves also includes Lapathos, Fennel Leaves, Dill Leaves and Coriander Leaves. 8. It is preferably applied early in the morning. The use of the product in high temperatures and sunlight should be avoided. 9. The formulation should be applied with a sufficient amount of water to achieve good washing of the target organism and culture. It is important to completely wet both the upper and lower sides of the leaves. 10. For the best effectiveness for use on head lettuce, the product should be applied until the beginning of head formation (BBCH 41). 11. Before using the formulation in cosmetics, a test application on a



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