



**NATURAL WAX®**

IMPROVES AND ENHANCES THE EFFECTIVENESS OF  
FOLIAR TREATMENTS WITH INSECTICIDES AND ACARICIDES



**STRENGTHS**

- FOLIAR ADJUVANT WITH SURFACE-ACTIVATED AND **HUMECTANT** ACTIVITY
- IDEAL PARTNER FOR INSECTICIDES, ACARICIDES AND FUNGICIDES
- **100% NATURAL, DOES NOT SOIL**
- CONSTITUENTS OF PLANT AND NATURAL ORIGIN EXTRACTED BY NON-CHEMICAL PROCESSES
- NATURAL REPELLENT
- NON-TOXIC TO THE USER AND THE ENVIRONMENT
- ZERO RESIDUES



Product suitable for use in Organic Agriculture according to EU regulation 2018/848, annex II EU regulation 2021/1165 and of NOP Regulation. Inspected by ECOCERT SA F - 32600



**PACKAGE**

Bottles 500 ml (20x500 ml)  
Bottle 1L (20x1) • Jerrycans 5L (4x5)  
Jerrycans 20L • Tank 1000L



**FEATURES**

**Natural Wax** is an innovative, non-toxic, biodegradable product of Fertenia research, made from a selected mixture of **plant extracts** (Fern, Nettle, Horse chestnut, Citrus extract) and **natural waxes**.

These constituents have a strong **surfactant-surface activating** activity, capable of lowering the surface tension of liquids and improving the penetration and effectiveness of foliar and plant protection treatments.


This is especially important for smooth-leaved species such as leafy and cut vegetables (**Fresch-cut**), citrus, olive, vine, pome and stone fruit, persimmon, onion, pepper, ficus, banana, etc. In most cases, animal pests cause significant damage to agricultural crops both in terms of production and aesthetics (production of honeydew, sooty, etc.).

The production of honeydew is generally due to the presence of insects such as aphids, scale insects, leaf miners, psyllids, etc., whose sugar-rich excrement soils the vegetation, damaging the leaves and forming a film that reduces gas exchange. In addition, microscopic saprophytic fungi (sooty mold) usually grow on the honeydew, creating a dark patina that hinders photosynthesis and aggravates the already precarious gas exchange.


**NATURAL WAX** is a blend of several constituents with the ability to limit the formation of resistant strains (Feng & Isman, 1995\*), it has no negative activity on Phytoseidae and also **repels** some harmful phytophagous insects: *mites, eriophids, thrips, scale insects on citrus and fruit trees* in general.

The use of **Natural Wax** also leads to stronger leaf blades, shiny fruit, **natural repellence** to harmful pests and increased tolerance to biotic and abiotic stresses. It is therefore an excellent "**adjuvant**" when used in combination with plant protection products distributed by foliar application to increase their effectiveness.

\* Feng, R., Isman, M.B., 1995. Selection for resistance to azadirachtin in the green peach aphid, *Myzus persicae*. *Experientia* 51, 831-833. <https://doi.org/10.1007/BF01922438>

DOSES AND METHODS OF USE	FOLIAR APPLICATION IN COMBINATION WITH OTHER PRODUCTS	
CROPS		
Citrus, Olive, Vine, Kiwi, Persimmon, Pomegranate Fruit trees (Pome fruit, Stone fruit)	250-300 ml/hl (normal volume), 2.5 - 3.0 l/ha (low volume) Treat at regular intervals from vegetative regrowth onwards	
Nuts (walnut, hazelnut, chestnut) Tropicals crops (banana, mango, avocado, pineapple...)	250-300 ml/hl (normal volume), 2.5 - 3.0 l/ha (low volume) Treat at regular intervals from vegetative regrowth onwards	
Strawberry*, Potato, Carrot, Bean, Onion, Fennel	250-300 ml/hl (normal volume), 2.5 - 3.0 l/ha (low volume) Treat at regular intervals	
Solanaceae (Tomato, Pepper, Ginger) Cucurbitaceae (Melon, Watermelon, Courgette) Industrial crops	250-300 ml/hl (normal volume), 2.5 - 3.0 l/ha (low volume) Treat at regular intervals	
<b>Fresh-cut leaf, baby leaf</b> (lettuce, spinach, rocket, chard, etc.) - <b>Aromatic crops</b>	250-300 ml/hl (normal volume), 2.5 - 3.0 l/ha (low volume) Treat at regular intervals	
Vegetable and fruit plants in nurseries Floriculture and ornamentals* (Ficus, Magnolia...)	250-300 ml/hl (normal volume)	
Rice, Wheat, Grains and Leguminosae	300-400 ml/hl (normal volume)	
Lawns and turfgrass	400-500 ml/hl (normal volume)	

**Foliar application alone: 400-500 ml/hl (normal volume), 4.0-5.0 L/ha (low volume) (natural repellent)**  
**\*NB: Rose and Strawberry not to exceed 250-300 ml/hl**

COMPOSITION	
PLANT EXTRACTS:	
Extracts of Fern, Nettle and Horse chestnut	30,0%
Aqueous citrus extract (Lemon and Mandarin)	10,0%
Fatty acids	35,0%

CHEMICAL-PHYSICAL PROPERTIES
Formulation: <b>Liquid</b>
Density: <b>1,170</b>
pH (sol.1%): <b>4.5 ±1</b>
Conductivity (1‰) mS/cm 18°: <b>0.39</b>

THE EXPERT  
ADVISES

**NATURAL WAX**<sup>®</sup>



**FERTIZOLFO BIO**<sup>®</sup>



**ZEOLITE FERTENIA**  
Micronizzata

Repellence towards:  
mites, moths, thrips, phylloxera,  
aphids, aleurodes...

**NATURAL WAX**<sup>®</sup>



**SAPONE MOLLE**  
di POTASSIO FERTENIA



**CITROACID**

Honeydew from mealybugs,  
psyllid, fruit fly, aleurodes

NATURAL CONSTITUENTS EXTRACTED BY PHYSICAL AND NON-CHEMICAL PROCESSES



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