

DINAMICO[®]

DINAMICO[®] MICRO

STRENGTHEN AND FORTIFY PLANTS
SPECIAL FORMULATION WITH SILICON



STRENGTHS



- IDEAL PARTNER FOR SELECTIVE FUNGICIDES
- SILICON (SiO₂) ENHANCES LIGHT FORCES AND ENHANCES THE ACCUMULATION OF SUGARS IN FRUIT AND PROTEINS IN GRAINS (RICE AND WHEAT)
- THE SURFACES ARE INHOSPITABLE TO HARMFUL ORGANISMS (REPELLENT ACTIVITY)
- ENCOURAGES STRENGTHENING OF THE LEAF LAMINA AND INCREASES RESISTANCE TO BIOTIC AND ABIOTIC ADVERSITIES (*Downy mildew, Bacteriosis, Scab, Rusts, Anthracnos*; THERMAL STRESS AND CLIMATE ADVERSATIONS).



Dinamico Micro
is allowed in organic
farming



PACKAGE

- Bottles 1L (20x1)
- Jerrycans 5L (4x5)
- Jerrycans 15L
- Tank L 1000

DINAMICO and DINAMICO MICRO FEATURES

Dinamico and **Dinamico Micro** are innovative **PHYTO-FORTIFICANTS** resulting from **FERTENIA's** research, composed of plant extracts, natural, organic and mineral substances suitable for use in **organic** and integrated agriculture.

Thanks to their special constituents, they can be used in all phenological phases. They are blends of several constituents that can limit the formation of resistant strains (Feng & Isman, 1995).

Their use elevates and enhances resistance to biotic and abiotic adversities; they provide plants with **SILICON** in a fully and quickly available form along with **POTASSIUM** and trace elements that help strengthen and reinforce the cell wall.

The **PROPOLIS** extract they contain has antioxidant activity and acts as a self-defence enhancer.

Their constant use in viticulture has shown an increased accumulation in grape skins of **RESVERATROL**, a phenol-phytoalexin naturally produced by the host to defend against pathogens such as powdery mildew and downy mildew.

Dinamico and **Dinamico Micro** are safe for the auxiliary fauna, the environment and the operator, leaving no final residue.



**THE EXPERT
ADVISES**

DINAMICO and **DINAMICO Micro** are ideal when mixed with **Fertilzolfo Bio**, **Zeolite** or **Zeorame** for general improvement of the nutritional and health status of crops.

DINAMICO[®]



FERTIZOLFO^{BIO}



ZEOLITE FERTENIA
Micronizzata

RESISTANCE INDUCERS

DOSES AND METHODS OF USE



CROPS

FOLIAR APPLICATION

Wine and table grapes

From sprouting to the beginning of fruit setting: 250-300 ml/hl, every 10-12 days, alone or in combination with the covering products.
From halfway through grape filling: 250-300 ml/hl, every 10-12 days, alone or in combination with the covering products.

Pome fruits - Stone fruits

Kiwi - Citrus and other (tropical) fruit crops Hazelnut - Walnut - Chestnut - Pomegranate

From sprouting to the beginning of fruit setting: 200-250 ml/hl, every 12-14 days.
From start of fruit swelling: 250-300 ml/hl every 10-15 days.

Horticultural crops in greenhouse

(tomato, pepper, aubergine, strawberry, courgette, melon, etc.)

Starting with 3rd-4th leaf: 200-250 ml/hl every 10-12 days

Open field vegetable crops

(processing tomato, carrot, potato, onion, watermelon, tobacco and beet)

250-300 ml/hl every 10-12 days throughout the growing cycle

Fresh-cut leaf, baby leaf

(lettuce, spinach, rocket, chard, etc.) - **Aromatic crops**

200-250 ml/hl every 8-10 days throughout the growing cycle

Gardening nursery - Vegetable and fruit plants in the Nursery

150-200 ml/hl every 12-14 days

Rice, Wheat, Corn, Barley, Soy, Sorghum, Rape, Sunflower, Leguminosae

200-300 ml/hl - at intervals of every 14-16 days

Turfgrass

(lawns, golf courses, football field, etc.)

200-300 ml/hl - at intervals of every 30 days

NB: The indication of the dose per hectolitre (hl) refers to the reference water volume of 1000 l/ha. In the case of **low-volume** treatments, adjust concentrations to maintain a constant dose per hectare. **(E.g. ml 200/hl = L 2.0/ha)**

ALWAYS CARRY OUT PRELIMINARY BLENDING TESTS WITH OTHER FORMULATIONS BEFORE USE

DINAMICO COMPOSITION

PLANT EXTRACTS:

Aqueous extraction of selected and specific plant extracts (<i>Aloe vera barbadensis</i> , <i>Potentilla erecta</i> , <i>Yucca schidigera</i> ...)	30,0%
Propolis extract	3,0%
Water-soluble potassium oxide (K ₂ O)	9,0%
Water-soluble silicon dioxide (SiO ₂)	4,5%



CHEMICAL-PHYSICAL PROPERTIES

Formulation: **liquid**
Density: **1,310**
pH (sol.1%): **5.0 ± 1**
Conductivity (1‰) mS/cm 18°: **0.26**

DINAMICO MICRO COMPOSITION

IRON (Fe) soluble in water	0,5%
IRON (Fe) chelated with DTPA	0,5%
MANGANESE (Mn) soluble in water	0,8%
MANGANESE (Mn) chelated with EDTA	0,8%
ZINC (Zn) soluble in water	0,7%
ZINC (Zn) chelated with EDTA	0,7%



CHEMICAL-PHYSICAL PROPERTIES

Formulation: **liquid**
Density: **1,200**
pH (sol.1%): **5.0 ± 1**
Conductivity (1‰) mS/cm 18°: **0.50**



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