nano ELEMENT

Mg, Fe, Zn, Cu, Co, Mn, Mo, Se, Nd

FAST ACTING MICROELEMENT FERTILIZER FOR ALL TYPES OF CROPS

IN FORM OF NANOCARBOXYLATES

FOR TREATMENT OF SEEDS, BULBS AND CUTTINGS AND FOLIAR TREATMENT

CAPACITY – 1 l

CHARACTERISTICS

- microelements of natural origin in the form that can be easily absorbed by plants
- due to microelements of nano size (<100 nm) easily bounds with nucleic acids, proteins, penetrates into and through plant membranes
- ensures necessity and compensates lack of microelements
- chemical compatibility with other fertilizers and plant protection products

THE WAY IT WORKS

Manganese (Mn) – 800 mg/l	Iron (Fe) – 500 mg/l
Magnesium (Mg) – 1300 mg/l	Zinc (Zn) – 400 mg/l
Molybdenum (Mo) – 160 mg/l	Cobalt (Co) – 140 mg/l
Selenium (Se) – 40 mg/l	Copper (Cu) – 200 mg/l
Neodimium (Nd) – 50 mg/l	

- cooper and manganese energize succesfull germination and development
- zinc, copper, selenium and neodimium improve immunity and stress resistance to climate changes or chemicals, help to recover. Zinc is mandatory for successful maize pollination
- magnesium, copper, iron, molybdenum and cobalt improve plant metabolism ensuring balanced nutrition and nitrogen exchange
- copper presents fungicidal properties
- manganese, iron and magnesium raise intensity of photosynthesis

BENEFITS

- more intensive processes of photosynthesis
- healthy plants with higher resistance to fungal diseases
- advanced endurance during stress caused by climate or pesticides
- improved overwintering
- improved maintenance of fruit buds during period of vegetation
- harvest increased by up to 30%

ADVANTAGES

- easy to handle product
- easy to include in the Fertilizer and PPP management plan with the same treatment order
- applicable at any water hardness and pH 3-12
- non-toxic and do not harm the environment

DOSAGE

TREATMENT OF SEEDS AND BULBS

Potatoes	0.1 l/t	Tomatoes, paprika, cucumbers	0.3 l/t
Beets	0.3 l/t	Carrots	0.1 l/t
Bulbous plants	0.3 l/t	Strawberries	0.1 l/ha

Atpūtas iela 1, Carnikava, LV-2163
Phone: +371 29285155, +371 27798935
www.anagro.lv, info@anagro.lv

AnAgro

LEAF TREATMENT

Fruit trees, berry bushes	0,05-0,1 l/ha x 2	(budding stage and begginning of formation of fruits and berries)
Strawberries	0,05-0,1 l/ha x 2	(budding stage and begginning of formation of berries)
Potatoes	0,05 l/ha x 2	(booting stage and budding stage)
Beets	0,1 l/ha x 2	(before closing of spacing of line and before closing of spacing between furrows)
Bulbous plants	0,1 l/ha x 2	(stage of 3-4 leaves and 2 weeks later)
Tomatoes, paprika, cucumbers	0,1 l/ha x 3	(rooting stage, budding stage and beginning of massive fruit formation)
Carrots	0,05 l/ha x 2	(stage of 3-5 leaves and 2 weeks later)

STATEMENTS AND EXPERIENCE

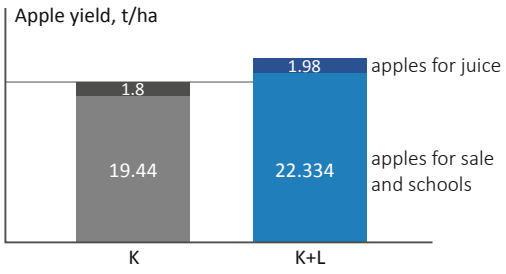
In 2015, a farm "Auseklitis", Tukums district, used Nano ELEMENT for treatment of apple trees (*Kortland*). During the period of vegetation the apple trees were twice treated with Nano ELEMENT. The first treatment was in the beginning of formation of fruits and the second – when the fruits reached 30% of reference size of this cultivar. Both the control and experimental rows were treated with fungicide, insecticide, calcium nitrate, and calcium chloride.

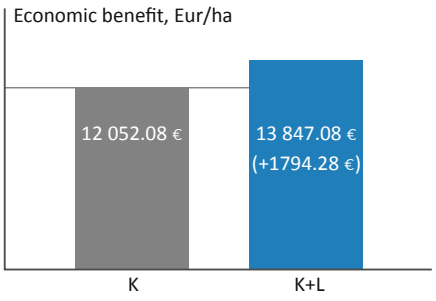
At the harvest a difference was noted already in a speed of picking apples. After weighing it turned out that the difference between the treated group and control group was extra 3 tones.

Apples on the treated apple trees were visually bigger and more intensive in colour. Moreover, the treated apple trees had less signs of powdery mildew and scab. Lower percent of total harvest was allocated for juice-squeezing, which means that higher percent of harvest was of top quality.

Marks:
K = control
K+L = leaf treatment with Nano ELEMENT

Price of sale apples – 0,62 Eur/kg
Price of juice apples – 0,20 Eur/kg





Atpūtas iela 1, Carnikava, LV-2163
Phone: +371 29285155, +371 27798935
www.anagro.lv, info@anagro.lv