

organikanova

# ORGALIFE®



The best way is the natural way

## ORGALIFE® FOR VEGETABLES



IN ACCORDANCE WITH OUR LONG-TERM EXPERIENCE, WE RECOMMEND THE FOLLOWING TREATMENTS

### FOLIAR TREATMENT

Each 15-20 days, with 20 litres of Orgalife per hectare. Water diluted

The number of foliar treatments and the Orgalife quantity depend on the plant variety and on the soil quality. In foliar treatment, it is important to apply the recommended Orgalife quantity per hectare. Water quantity depends on the pump (consumed water litres per hectare)

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**First treatment:** 10 days prior to nursery plant production, the soil for the nursery is treated.

**Second treatment:** Treatment of nursery plants in 5-7 days.

**Third treatment:** The soil for nursery plants is treated prior to transplanting.

**Fourth treatment:** before blooming – so as to ensure additional and more intense blooming.

**Fifth treatment:** During fruit creation, and after each harvest, for larger and more equal fruits and faster fruit maturation.

When blooming and fruit quantity exceed the regular ones, and the root cannot manage to feed all fruits, we recommend more frequent foliar treatment.

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**DRIP IRRIGATION SYSTEM** In 15-20 days, with 20-30 litres/hectare, for additional blooming, faster maturation, and larger and more equal fruits

Orgalife is safe from overdosing

## ORGALIFE® FOR FRUITS



Fruit plantations treated with Orgalife have more intense blooming, bigger and more equal fruits with stronger colours and better flavour and aroma.

Following the harvest, prolonged freshness of the fruit and improved transport tolerance is ensured. Fruits mature 7-15 days earlier as compared to plants treated with chemical fertilizers. Plants provide their full yield one year earlier compared to plants treated with chemical fertilizers. Vitamin C in fruits is increased 2-7 times, thus increasing the plant immunity and resistance to all types of diseases, drought, ice, and heat shocks. - Insect infestation is reduced.

IN ACCORDANCE WITH OUR LONG-TERM EXPERIENCE, WE RECOMMEND THE FOLLOWING TREATMENTS

**FOLIAR TREATMENT** 2-3 treatments with 20 litres Orgalife per hectare. Diluted with water

The number of foliar treatments and the Orgalife quantity depend on the plant variety and age, and on the soil quality. In foliar treatment, it is important to apply the recommended Orgalife quantity. Water quantity depends on the pump type (consumed water litres per 1 hectare)

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**First treatment:** Following the harvest 10 litter/hectare\* of Orgalife, the plant should be prepared for the winter, so as to start the spring with more young offshoots.

**Second treatment:** in flowering, 10 l/ hectare\*

**Third treatment:** Upon formation of fruits, 10 days after blooming –10l/ hectare\* of Orgalife so as to keep the fruits.

**Fourth treatment:** During fruit formation, 20 l/ hectare – to produce larger and more equal fruits.

**Fifth treatment:** (if there is a need): There is more yield, the plant need to be fed more. 10-20 l/ hectare\* of Orgalife

\* The amount of Orgalife depends on the quality of the soil and the age of the plants.

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**DRIP IRRIGATION SYSTEM**

2 treatments with 20-litres/hectare

With foliar treatment, Orgalife on leaves generates feeding through leaves, and feeding through the soil is generated when the one falls on the ground.

### WE RECOMMEND

After pruning, branches are grinded (with attached grinder machine on branches), are treated with Orgalife, followed by shallow ploughing or tiller processing. The microbiological flora, significant number of beneficial microorganisms and mature humus in the soil represent the basis for fine, health, and quality yield planning.

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# ORGALIFE® FOR VITICULTURE



Wineries producing top wines shall reduce the treatment with protective means, and could also produce higher yield which will be of significantly higher quality as compared to the yield treated with chemical fertilizers. - Vitamin C in fruits treated with Orgalife and Orgalife solid is increased 2-7 times, thus increasing the plant immunity and resistance to all types of diseases, drought, ice, and heat shocks.

The large number of beneficial microorganisms (above 100 billion in 1ml) shall largely destroy the harmful microorganisms causing plant diseases.

New plantations treated with Orgalife and Orgalife solid shall provide their full yield one year earlier as compared to plantations treated with chemical fertilizers.

In accordance with our long-term experience, we recommend the following treatments.

## FOLIAR TREATMENT

### 2-3 treatments – 20 litres / hectare. Diluted with water.

**First treatment:** In autumn, following the harvest. With this treatment, plants shall be able to more easily deal with the extremely low temperatures, and shall be ready in spring for larger and healthier yield.

**Second treatment:** Immediately following growth of young off shoots.

**Third treatment:** After blooming.

Fourth and subsequent treatments: During fruit formation

The number of foliar treatments and the Orgalife quantity depends on the vineyard variety and age, and on the soil quality. In foliar treatment, it is important to apply the recommended Orgalife quantity.

Water quantity depends on the pump (consumed water litres per 1 hectare)

### DRIP IRRIGATION SYSTEM 2 treatments; 20-30 litres/hectare

For plantations that do not have a drip irrigation system, it is advisable to apply Orgalife not only as a foliar treatment but also directly to the soil. When sprayed on foliage, Orgalife facilitates nutrient uptake through the leaves. Additionally, any solution that drips onto the soil can promote root absorption, ensuring that the plants are nourished both from above and below the ground.

## WE RECOMMEND

After pruning, dry branches are grinded (with attached grinder machine on branches), are treated with Orgalife, followed by ploughing or tiller processing. The excess green mass removed in spring is also grinded. This organic matter should not be underestimated. The microbiological flora, significant number of beneficial microorganisms and mature humus in the soil represent the basis for fine and quality yield planning.

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# ORGALIFE® FOR GRAIN CROPS



Microbiological flora, the significant number of beneficial microorganisms and mature humus in the soil represent the basis for planning fine and quality yield. Best results are achieved when Orgalife is used immediately following the harvest. After harvesting, the straw is cut and treated. It is important for Orgalife to be equally spread on the surface (20-30 l/hectare), followed by shallow ploughing. The presence of microorganisms in the soil significantly increases the percentage of organic matter in it. In about 50-60 days, the microorganisms from Orgalife shall convert the straw into mature humus. The humus shall retain the soil moisture so that the plants shall have sufficient quantity of moisture also in the dry period of the year, which shall result into significantly increased yields.

In order to produce maximal effect, manure or plant residues from other cultures can be equally spread on the surface. Bacteria die hard in this phase, since if the current conditions are not favourable, they protect themselves hibernating through a spore release process, and are waiting for a proper moment to become active. The same are usually active when the soil temperature exceeds 6 C° or when the air temperature is above 10 C°.

**Practice has shown** that seeds treated with Orgalife provides excellent results during sprouting, germination and root establishment, thus ensuring incomparably better plant growth and development than any other form of treatment prior sowing. Since plants have developed and advanced in an excellent manner, and have created the maximal yield potential, it is recommendable to have two more treatments in spring, end of February or the beginning of March, thus guaranteeing record yields!

### Application of 1 treatment 20 litres Orgalife per 1 hectare

#### OPTION 1

**First treatment:** immediately following harvest - 10 litres/hectare (the straw is treated and shallow plowed is performed)

**Second treatment:** feeding in spring (the plant is tall 20-30 sm) - 20 litres/hectare

**Third treatment:** 20-30 days after second treatment - 20 litres/hectare

#### OPTION 2

**First treatment:** in autumn, following plant sprouting- 10 litres/hectare

**Second treatment:** feeding in spring (the plant is tall 20-30 sm) - 20 litres/hectare

**Third treatment:** 15-20 days after second treatment - 20-30 litres/hectare

Gluten percentage is increased above 30%. Orgalife reduces diseases in plants by 50-80%. Diseases in grain crops can reduce yield even by 30%. Orgalife is mixed with herbicides and insecticides. If possible, not to treat in sunny weather. Best to treat early in the morning, in the afternoon, or in cloudy weather. Air temperature should be above 10 C°, soil temperature above 6 C°. Easily to apply with significantly reduced costs.

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