

O-80

Organic and mineral universal liquid fertilizer of a new generation, environmentally friendly, harmless to bees in a concentrated natural form of an amino acid complex with the addition of humic and fulvic acids, macro and microelements for foliar and soil application.

Characteristic

- * Accelerates plant growth
- * Accelerates the initial development of plants by 10-14 days
- * Shortens the ripening time of crops
- * Increases the yield by 30-50% depending on the species and variety of plants
- * It works comprehensively, increasing resistance to diseases, drought and frost
- * It accelerates metabolism, strengthens photosynthesis and biomass
- * It has a comprehensive impact on the soil, improves its chemical, physical and biological properties
- * It improves the quality of cultivated plant varieties, has non-specific fungicidal activity
- * It helps to transport nutrients more efficiently
- * Increases the content of sugars and vitamins, extends the shelf life of crops, depending on the grain: increase in gluten by an average of 3-4%, glassy by about 6% and an improvement in gluten quality by 10 IU)
- * It has a positive effect on the soil microflora
- * Builds a strong root system
- * Regulates portioned moisture absorption to nourish the roots
- * It reduces the dose of mineral fertilizers by 20-25% without reducing the effectiveness
- * Accelerates the absorption of nutrients and microelements
- * Preventing the formation of nitrates
- * Compatible with insecticides, other fertilizers, herbicides and pesticides
- * Environmentally friendly product, safe for people and animals



COMPOSITION:

APPLICATION:

PRE-SOWING TREATMENT OF SEEDS

Many grain crops such as wheat, barley, rye and others can show greater germination if the seeds are properly treated with O-80 fertilizer at the right time. O-80 creates a kind of cocoon around the seeds and provides the desired temperature regime when the seeds get into the soil. In addition to the protective function, O-80 has a number of other good properties, providing micro nutrition and faster germination.

The use of O-80 on seeds allows you to increase germination in the field by 10-15%, increase germination energy, as well as overall and productive bushiness. Concentrate O-80 is characterized by a high stimulating effect, thanks to which there is active growth and development of a strong root system. In turn, it provides the plant with strength and resistance to drought, and winter cereals provide additional protection against frost. Pre-sowing seed treatment can be carried out not only for cereals, but also for legumes, vegetables and melons, sunflower, rapeseed.

HOW TO TREAT SEEDS

Dilute 1 liter of O-80 concentrate in 10-15 liters of water and apply to 1 ton of seed. In addition to the concentrate, a disinfectant can also be added to the working solution. Soak seeds for 30-60 minutes or spray generously and then dry. So prepared seeds should be planted within 3 days.

In addition to the industrial method of seed dressing, methods of spraying and soaking a small amount of seeds can also be used.

SEEDLING PROCESSING

Dilute 0.25 liters of O-80 concentrate in 10 liters of water, soak the roots of the cuttings for 6 hours. So prepared seedlings should be planted within 2 - 3 days.

VEGETABLE PROCESSING

Foliar application of O-80 fertilizer is very effective both when using treated seed as well as sealed and coated seeds and allows you to achieve several goals at the same time:

- * building growth and active development of healthy plants;
- * activation of the photosynthesis process in the crown of the plant;
- * productivity increase;
- * improving the quality of agricultural crops;
- * stress reduction when using pesticides;

* increase in the gluten content and the number of grains per ear (applies to cereals).

O-80 also has a beneficial effect on vegetable crops. For example, treating sugar beets with O-80 concentrate can significantly shorten the vegetation period, significantly increase the yield and sugar content in it.

The comprehensive use of O-80 concentrate throughout the entire period of plant development will give the maximum effect, but even a single application of O-80 during the growing season will bring a significant effect. It is extremely important to use the O-80 fertilizer for vegetables, fruits, sugar beets and corn, with the treatment carried out in physiologically important growth stages. On sugar beet at the stage of 2-3 true leaves and until the leaves close in a row, on potatoes several treatments, starting from germination and before - and after flowering. In the case of wheat, this period begins with the emergence of plants from under the snow, and then they are sprayed with a solution of O-80 concentrate in combination with fertilization with dedicated BRLNT ORGANIC fertilizers. This composition allows you to strengthen plants weakened after winter and stimulate their rapid development. Another important phase is the filling phase of the wheat, treating the plants at this point will help increase the gluten level as well as the quality of the crop.

Foliar treatments should be performed in dry weather and in the absence of strong winds, morning and evening hours are considered optimal. The maximum effect is obtained after 3-5 treatments, but the first results will be visible after a single application.

Individual plants, fertilizer concentrate O-80 instruction:

Cropping	Recommendation for use and dosage	Multiple uses
Corn	<ul style="list-style-type: none"> • Seed preparation Dilute 1 liter of O-80 concentrate in 10-15 liters of water for 1 ton of seeds, Soak for 40 - 60 minutes, then dry and sow within 3 days. We recommend using it in combination with plant protection products. • When 2 - 3 leaves appear, spray with a solution: from 1 to 1.5 liters of O-80 concentrate dissolved in 250 liters of water per 1 ha. Additionally, we recommend adding 1 liter of BRLNT ORGANIC O-corn dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the solution. • When 5-6 leaves appear, spray with a solution: from 1 to 1.5 liters of O-80 concentrate dissolved in 250 liters of water per 1 ha. Additionally, we recommend adding 1 liter of BRLNT ORGANIC O-corn dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the solution. • When the plant has 8 to 10 leaves, dilute 1 to 2 liters of O-80 concentrate per 300 liters of water and spray 1 ha. In addition, we recommend adding 1 liter of dedicated mineral fertilizer O-corn and 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate. 	3 times a season
Cereals (wheat, barley, rye, oats, barley, millet)	<ul style="list-style-type: none"> • Seed preparation 1 liter of O-80 concentrate per 10 liters of water per 1 ton of seeds in combination with plant protection products. • Beginning of tillering When the first tillering session appears, 3-4 leaves should be applied with 1 liter of concentrate O-80 per 250 liters of water per 1 ha. We recommend additionally adding 1 liter of BRLNT ORGANIC O-cereals dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the diluted solution. • Beginning of tube formation In the phase of appearance of the first mother node, you need to dilute 1 liter of O-80 concentrate with 250 liters of water per 1 ha. In addition, we recommend adding to the diluted solution 1 liter of dedicated BRLNT ORGANIC O-cereal mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate. • Thickening of the leaf sheath of the flag leaf 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding to the diluted solution 1 liter of dedicated BRLNT ORGANIC O-cereal mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate. • The beginning of earing 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding to the diluted solution 1 liter of dedicated BRLNT ORGANIC O-cereal mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate. 	4-5 times a season
Rape	<ul style="list-style-type: none"> • Seed preparation 1 liter of BRLNT ORGANIC concentrate per 10 liters of water per 1 ton of seeds should be soaked for 30-60 minutes and then dried. So prepared seeds should be planted within 3 days. • 1Phase of leaf outlet formation 	3 times a season



	<p>1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of BRLNT ORGANIC dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the diluted solution.</p> <ul style="list-style-type: none"> • Budding phase <p>2 liters of O-80 concentrate per 300 liters of water per 1 ha. In addition, we recommend adding 1 liter of BRLNT ORGANIC dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the diluted solution.</p>	
Sunflower	<ul style="list-style-type: none"> • Seed preparation <p>1 liter of O-80 concentrate per 10 liters of water per 1 ton of seeds should be soaked for 40-60 minutes and then dried. So prepared seeds should be planted within 3 days.</p> <ul style="list-style-type: none"> • Leaf outlet formation phase <p>1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of BRLNT ORGANIC dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the diluted solution.</p> <ul style="list-style-type: none"> • Stem formation phase <p>1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of BRLNT ORGANIC dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the diluted solution.</p> <ul style="list-style-type: none"> • Budding phase <p>2 liters of O-80 concentrate per 300 liters of water per 1 ha. In addition, we recommend adding 1 liter of BRLNT ORGANIC dedicated mineral fertilizer and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate to the diluted solution.</p>	3 times a season
Beetroot	<ul style="list-style-type: none"> • Seed preparation <p>Soak for 40 to 60 minutes in a preparation prepared from 1 liter of concentrate O-80 and 10 liters of water per 1 ton of seeds. It is also recommended to use plant protection products</p> <ul style="list-style-type: none"> • 4-8 leaves <p>When 4 to 8 leaves appear, spray the plants with a solution prepared from 1 liter of O-80 concentrate dissolved in 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of mineral fertilizer BRLNT ORGANIC O-root crops and 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate</p> <ul style="list-style-type: none"> • 10 - 12 leaves <p>Spray using 1-2 liters of O-80 concentrate per 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of mineral fertilizer BRLNT ORGANIC O-root crops and 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate</p> <ul style="list-style-type: none"> • Row closing phase <p>Spray using 2 liters of O-80 concentrate per 300 liters of water per 1 ha. In addition, we recommend adding 1 liter of mineral fertilizer BRLNT ORGANIC O-root crops and 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate</p>	3-4 times a season
Potatos	<ul style="list-style-type: none"> • Processing tubers before planting <p>Potato tubers should be soaked using 1.5 liters of O-80 concentrate for 15-20 liters of water per 1 ton of material together with plant protection products.</p> <ul style="list-style-type: none"> • Stem growth phase <p>Spray with 1 liter of O-80 concentrate per 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of mineral fertilizer BRLNT ORGANIC O-root crops and 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate.</p> <ul style="list-style-type: none"> • Closing phase of plants in rows <p>Spray 1 to 2 liters of O-80 concentrate per 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of mineral fertilizer BRLNT ORGANIC O-root crops and 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate.</p> <ul style="list-style-type: none"> • Bulb formation phase <p>Spray with 2 liters of O-80 concentrate per 300 liters of water per 1 ha. In addition, we recommend adding 1 liter of mineral fertilizer BRLNT ORGANIC O-root crops and 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate.</p>	3-4 times a season
Tomatos	<ul style="list-style-type: none"> • Three days after planting in the soil <p>Dissolve 0.5 l of O-80 concentrate in 200 liters of water and spray on 1 ha</p> <ul style="list-style-type: none"> • 2 weeks after the first application (17 days after planting in the soil) <p>Dissolve 1 l of O-80 concentrate in 200 liters of water and spray on 1 ha. In addition, we recommend adding 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate</p> <ul style="list-style-type: none"> • Flowering period <p>Dissolve 1.5 l of O-80 concentrate in 200 liters of water and spray the leaves on 1 ha. In addition, we recommend adding 300 ml to the solution. BRLNT ORGANIC O-organic organic fertilizer concentrate.</p> <ul style="list-style-type: none"> • During the fruiting period <p>Dissolve 1 liter of concentrate in 200 liters of water per 1 ha. In addition, we recommend adding 300 ml of O-organic to the BRLNT ORGANIC organic fertilizer concentrate.</p>	
Cabbage	<ul style="list-style-type: none"> • Seed treatment <p>Dilute 1 liter of O-80 concentrate in 10 liters of water. Soak the seeds for 40-60 minutes and then dry them. So prepared seeds should be planted within 3 days.</p> <ul style="list-style-type: none"> • Seedlings <p>Dilute 0.2 liters of O-80 concentrate in 15 liters of water, soak the roots of the cuttings for 6 hours. So prepared seedlings should be planted within 3 days.</p> <ul style="list-style-type: none"> • Spray 1 after 10-15 days after planting the seedlings into the ground <p>Dissolve 1 liter of O-80 concentrate in 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution.</p> <ul style="list-style-type: none"> • Spray 2 in 15 days after the first spray <p>Dilute 1.5 l of O-80 concentrate in 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution.</p> <ul style="list-style-type: none"> • Spray 3 in 20 days after the second spray 	4-6 times a season



	<p>Dilute 1.5 l of O-80 concentrate to 300 liters per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organics of BRLNT ORGANIC organic fertilizer concentrate to the solution.</p> <ul style="list-style-type: none"> • Spray 4 in 15 -20 days after the third spray <p>Dilute 1.5 l of O-80 concentrate with 300 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution.</p>	
Legumes (soybeans, beans, peas, broad beans).	<ul style="list-style-type: none"> • Seed preparation 1 liter of O-80 concentrate per 10 liters of water per 1 ton of seeds in combination with plant protection products. • Phase 3 of the tripartite leaves 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated mineral fertilizer BRLNT ORGANIC O-legumes to the diluted solution, and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate. • Beginning phase 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated mineral fertilizer BRLNT ORGANIC O-legumes to the diluted solution, and 300 ml of BRLNT ORGANIC O-organic organic fertilizer concentrate. 	2-3 times a season
Strawberries	<ul style="list-style-type: none"> • Preparation of seedlings 100 ml of O-80 concentrate per 10 liters of water. Soak the seedlings for 3 hours before planting. • Growth and vegetation phase before flowering Spray strawberries using 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 300 ml of O-organic to the BRLNT ORGANIC organic fertilizer concentrate • Post-flowering phase Spray strawberries using 1 liter of concentrate O-80 per 250 liters of water per 1 ha. In addition, we recommend adding 300 ml of O-organic to the BRLNT ORGANIC organic fertilizer concentrate • Growth and maturation phase Spray strawberries using 1 liter of concentrate O-80 per 250 liters of water per 1 ha. In addition, we recommend adding 300 ml of O-organic to the BRLNT ORGANIC organic fertilizer concentrate • Breeding phase Spray strawberries with 1.5 liters of O-80 concentrate per 300 liters of water per 1 ha. In addition, we recommend adding 300 ml of O-organic to the BRLNT ORGANIC organic fertilizer concentrate 	3-5 times per season
Cucumbers	<ul style="list-style-type: none"> • Seed treatment 10 ml of concentrate per 1 liter of water. Soak 40-60 minutes. Plant within 3 days. • Phase two first leaves 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution. • Flowering phase 1 liter of concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic of BRLNT ORGANIC organic fertilizer concentrate to the solution. • Phase of the first half of fruiting 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution. • Phase of the second half of fruiting 1 liter of O-80 concentrate for 250 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution. 	3-5 times per season
Grapes	<ul style="list-style-type: none"> • Seedlings 100 ml of O-80 concentrate per 10 liters of water. Soak seedlings 3 hours before planting. • Vegetation phase 4-6 leaves Dilute 1 liter of O-80 concentrate in 200 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic of BRLNT ORGANIC organic fertilizer concentrate to the solution. • Pre-flowering phase Dilute 1 liter of O-80 concentrate in 200 liters of water per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic of BRLNT ORGANIC organic fertilizer concentrate to the solution. • Grape bunch formation phase Dilute 1 liter of O-80 concentrate in 300 liters of water and add to the soil per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution. • Berry growth phase Dilute 1 liter of O-80 concentrate in 300 liters of water and add to the soil per 1 ha. In addition, we recommend adding 1 liter of dedicated BRLNT ORGANIC mineral fertilizer and 300 ml of O-organic BRLNT ORGANIC organic fertilizer concentrate to the solution. 	

Quick guide:

Dosage of fertilizer O-80 concentrate

Termin/Faza rozwojowa
Corn 1. Seeds: 1l in 10l of water per 1t of seeds, soak 40 - 60 minutes, dry and sow within 3 days. 2. 2-3 leaves: dilute 1-1.5 l in 250 liters of water per 1 ha. 3. 5-6 leaves: 1-1.5 l dilute in 250 liters of water per 1 ha. 4. 8-10 leaves: dilute 1-2 liters with 300 liters of water per 1 ha.



<p>Cereals 1. Seeds: 1l O-80 in 10l water per 1t of seeds, soak 40 - 60 minutes, dry and sow within 3 days 2. Beginning of tillering (3-4 leaves) 3. Beginning of tube formation 4. Thickening of the leaf sheath flagship 5. Heading. Phase 2-5: dilute 1 liter with 250 liters of water per hectare.</p>
<p>Rapeseed 1. Seeds: 1l in 10l of water per 1t of seeds, soak 40 - 60 minutes, dry and sow within 3 days. 2. Seedling. 3. Leaf outlet formation phase. 4. Stem formation phase 5. Budding phase. Phase 2-5: dilute 1 liter with 250 liters of water per hectare.</p>
<p>Sunflower 1. Seeds: 1l in 10l of water per 1t of seeds, soak 40 - 60 minutes, dry and sow within 3 days. 2. Seedling 3. Leaflet formation phase 4. Stem formation phase. Phase 2-4: dilute 1 l with 250 l of water per 1 ha. 5. Budding phase: dilute 2 l with 250 l of water per 1 ha.</p>
<p>Beetroot 1. Seeds 1l in 10l of water per 1t of seeds, soak 40 - 60 minutes, dry and sow within 3 days. 2. 4-8 leaves: dilute 1 l in 250 liters of water per 1 ha 3. 10-12 leaves: dilute 1 l-2 l in 250 liters of water per 1 ha 3. Row closing phase: dilute 2 l in 250 liters of water per 1 ha.</p>
<p>Potatoes 1. Treatment of tubers before planting: 1.5 l per 15-20 liters of water per 1t. 2. Stem growth phase: dilute 1 liter with 250 liters of water per hectare. 3. Phase of closing plants in rows: 1l-2l diluted with 250l of water per 1 ha. 4. . Bulb formation phase: dilute 2 l to 250 l of water per 1 ha.</p>
<p>Tomatoes 1. Three days after planting in the soil: dilute 0.5 l in 200 l of water per 1 ha. 2. 2 weeks after the first application: dilute 1 liter with 200 liters of water per hectare. 3. Flowering period: dilute 1.5 l in 200 l of water per 1 ha. 4. During the fruiting period: dilute 1 l in 200 l of water per 1 ha.</p>
<p>Cabbage 1. Seeds: 1l in 10l of water per 1t of seeds, soak 40 - 60 minutes, dry and sow within 3 days. 2. Seedlings: 0.2L in 15L of water, soak the roots for 6 hours, plant within 3 days. 3. Spraying 1 after 10-15 days after planting the seedlings into the ground: 1l diluted with 250l of water per 1 ha. 4. Spray 2 in 15 days after the first spray. 5. Spray 3 in 20 days after the second spray. 6 Spray 4 in 15 -20 days after the third spray. Phase 4-6: dilute 1.5 liters in 250 liters of water per hectare. ha.</p>
<p>Legumes 1. Seeds: 1l in 10l water per 1t of seeds, soak 40 - 60 minutes, dry and sow within 3 days. 2. Phase of 3 tripartite leaves. 3 Beginner phase. Phase 2-3: dilute 1 liter with 250 liters of water per hectare.</p>
<p>Strawberries 1. Preparation of seedlings: 100ml per 10l of water. Soak the seedlings for 3 hours before planting. 2. Growth and vegetation phase before flowering. 3. Post-flowering phase. 4. Growth and maturation phase. Phase 2-4: dilute 1 liter with 250 liters of water per hectare. 5. Breeding phase: dilute 1.5 l in 250 l of water per 1 ha.</p>
<p>Cucumber Seeds: 10 ml per 1 liter of water. Soak 40-60 minutes. Plant within 3 days. 2. Phase two first leaves. 3. The flowering phase. 4. Phase of the first half of fruiting. 5. Phase of the second half of fruiting. Phase 2-5: 1l diluted with 250l of water per 1 ha.</p>

RECOMMENDATION

Apply the prepared solution at dawn or after sunset.

Storage temperature from 0 C° to 30 C°

The substance is harmless, does not contain toxic, hazardous substances and harmful microorganisms. Transport - unlimited, safe product. The last spraying should be carried out no later than 2-3 weeks before harvesting!

