



LIQUID COMPOSITION

PRODUCTION OF INNOVATIVE AGROCHEMICALS FOR AGRICULTURE





LLC «IONIC TECHNOLOGIES» IS NOT JUST AN ENTERPRISE FOR THE PRODUCTION OF INNOVATIVE FERTILIZERS, IT IS AN IDEA REALIZED AND WORKING FOR THE BENEFIT OF PEOPLE AND NATURE.

COMPANY HISTORY

The «Ionic Technologies» company is a young ambitious company, an association of highly qualified specialists with a common idea and goal. The company is a manufacturer of liquid fertilizers for agriculture.

The preparations produced at the enterprise are intended for the processing of seed material and leaf processing of all cultivated plants. A distinctive feature of our products is high quality and a pleasant price.

The use of our fertilizers allows you to reduce the use of pesticides, to protect plants from diseases at the cellular level, without affecting the environment.

The company's mission: In harmony with nature, we make people's lives better and the world cleaner.

Kalium

An ideal source of potassium for leaf feeding of plants. Enhances the promotion of nutrients in the plant, promotes the development of the root system, and also increases resistance to drought, low temperatures. Potassium improves the metabolism of proteins and carbohydrates in plant cells, as a result of which it increases productivity.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

Composition

Potassium – 470 g/l
Carboxylic acids – 520 g/l

pH 7 - 8
density 1,1

Magnesium

Biologically active magnesium fertilizer for all crops. Promotes rapid assimilation of NPC, normalization of nitrogen metabolism and protein formation processes, improves water metabolism. It enhances the synthesis of vitamins A and C, the synthesis of essential oils, and also increases the content of carbohydrates and proteins, helps protect against chlorosis. The fertilizer is used on vegetable, fruit, berry and flower crops.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

Composition

Magnesium – 75,8 g/l
Carboxylic acids – 400 g/l
Growth stimulants – 226 g/l

pH 8 - 9
density 1,1

Cuprum

Promotes the productive development of plants, strengthens their immunity. Copper increases crop yields, participates in photosynthesis, protein and carbohydrate metabolism, symbiotic nitrogen fixation and redox reactions.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

Composition

Copper – 160 g/l
Potassium – 135 g/l
Carboxylic acids – 57 g/l
Growth stimulator – 87 g/l
Anti-stress agent – 50 g/l

pH 7,9 – 8,2
density 1,1

Zincum

Correction of nutrition of crops sensitive to zinc deficiency (corn, hops, flax, grapes). Molybdenum enhances the growth of the root system, increases resistance to adverse plant growth factors, activates regenerative processes, participates in the metabolism of carbohydrates and proteins.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

The consumption of the working solution is 100-300 l/ha

Composition

Zinc – 85 g/l
Potassium – 156 g/l
Carboxylic acids – 81 g/l
Growth stimulants – 184 g/l

pH 7 - 8
density 1,1

Molybdenum

A high-tech fertilizer for correcting nutrition and eliminating molybdenum deficiency in plants. This fertilizer participates in nitrogen fixation, redox reactions, and also normalizes metabolic reduction and energy processes. Molybdenum suppresses the activity of acid phosphatase, hydrolyzes phosphoric compounds, increases the content of nucleic acids and organic phosphates.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

Composition

Molybdenum – 75 g/l
Potassium – 84.5 g/l
Growth stimulants – 96 g/l

pH 4,5 - 5
density 1,1

Zincum

Correction of nutrition of crops sensitive to zinc deficiency (corn, hops, flax, grapes). Molybdenum enhances the growth of the root system, increases resistance to adverse plant growth factors, activates regenerative processes, participates in the metabolism of carbohydrates and proteins.

Application rate

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The consumption of the working solution is 100-300 l/ha

Composition

Zinc – 85 g/l
Potassium – 156 g/l
Carboxylic acids – 81 g/l
Growth stimulants – 184 g/l

pH 7 - 8
density 1,1

Silicium

Silicon activates mitochondrial metabolism inside plant cells, reduces the incidence of vertex rot, fights fungal and bacterial diseases, and reduces the heat load from leaves at high temperatures. Silicon is

Application rate

0,75 – 2 liters/ha or liters/a ton of seeds

Composition

Liquid potash glass – 833 g/l

pH 3,5 - 4
density 1,1

Borum

Boron regulates the activity of the formation of the phyto-hormone auxin, participates in the metabolism and transfer of carbohydrates, contributes to the creation of polysaccharides of the cell wall. Boron takes part in the transportation of sugar through the plant. It is applied to crops sensitive to boron deficiency.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

Composition

Boron – 772 g/l is a growth stimulant – 260 g/l

pH 3 – 4,5
density 1,1

Calcium

Calcium strengthens the cell wall of plants, accelerates the processes of vital activity of beneficial microorganisms, reduces the acidity of the soil. This fertilizer increases productivity, promotes the development of the root system, accelerates the processes of ammonification and sulfur oxidation.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

Composition

Calcium – 360 g/l
Boron – 340 g/l
Amino Acids – 230 g/l
Carboxylic acids – 24 g/l
Growth stimulants – 123 g/l

pH 2,8 – 3,2
density 1,1

Ferum

Iron is necessary for plants for the prevention and treatment of chlorosis, nutrition correction. Iron promotes better breathing, photosynthesis, and is actively involved in the formation of chlorophyll. Iron is absorbed by plants up to 97%, increases productivity. This fertilizer is used trees, flower crops.

Application rate

0,5 – 1,5 liters/ha or liters/a ton of seeds

The consumption of the working solution is 100-300 l/ha

Composition

Iron – 120 g/l
Anti-stress agent – 150 g/l
Carboxylic acids – 75 g/l
Growth stimulants – 50 g/l

pH 6 – 7
density 1,1

Phosphorus

The fertilizer is designed to correct nutrition and protect plants from diseases. Potassium and phosphorus have a fungistatic effect, strengthen the immunity of plants, thicken the straw cells of cereal crops. Fertilizer increases productivity, protects plants from the negative effects of pathogenic organisms. Sensitive crops: cereals, legumes, oilseeds, vegetables, fruits and berries, melons and grapes.

Application rate

Seed treatment – 2 l/t
Sheet processing – 2 l/ha
The flow rate of the working fluid is not less than 300 l/ha

Composition

Phosphorus – 322 g/l
Potassium – 300 g/l
Carboxylic acids – 20 g/l

pH 6 – 6,5
density 1,1

Organic

Humic fertilizer with trace elements in chelated form. This fertilizer is intended for seed processing and leaf processing of all cultivated plants. Provides nutrition to plants, increases productivity, increases the content of humus in the soil, relieves stress from the use of herbicides, accelerates the intake of macroelements.

Application rate

0,5 – 1,0 liters/ha or liters/a ton of seeds

Composition

Humic acids – 40 g/l
Dicarboxylic acids – 16 g/l
Carboxylic acids – 12 g/l
Growth stimulants – 30 g/l

pH 8 – 9
density 1,2

Step 1: Start

The fertilizer is intended for leaf treatment of all cultivated plants in the initial growth phases (germination, germination, leaf and root growth). It is absorbed by the plant by 91-95%, provokes the plant to grow, strengthens the immune system, increases resistance to stress. Increases the open and closed ground.

Application rate

1 – 3 liters/ha

Composition

Nitrogen – 110 g/l
Phosphorus – 33 g/l
Potassium – 37 g/l
Growth stimulants – 32,5 g/l
Humic acids – 10 g/l
Dicarboxylic acids – 8 g/l
Carboxylic acids – 67 g/l

pH 8 – 9
density 1,3

Step 2: Balance

The fertilizer is intended for leaf processing of all crops by growth phases (stem and side shoots growth, budding). Provides a balanced diet, stimulates growth, helps to absorb trace elements, improves the quality and quantity of the crop.

Application rate

1,5 – 3,5 liters/ha

Composition

Nitrogen – 50 g/l
Phosphorus – 110 g/l
Potassium – 110 g/l
Growth stimulants – 32,5 g/l
Humic acids – 10 g/l
Dicarboxylic acids – 8 g/l
Carboxylic acids – 67 g/l

pH 8 – 9
density 1,3

Step 3: Harvest

The fertilizer is intended for leaf processing of cultivated plants in the phase of flowering, fruit growth, maturation. It provides nutrition, increases stress resistance of plants, improves vitamin C synthesis, has a positive effect on grain filling and fruit growth.

Application rate

2,0 – 4,0 liters/ha

Composition

Nitrogen – 110 g/l
Phosphorus – 77 g/l
Potassium – 80 g/l
Growth stimulants – 32,5 g/l
Humic acids – 10 g/l
Dicarboxylic acids – 8 g/l
Carboxylic acids – 67 g/l

pH 8 – 9
density 1,3

Active 5:15:15

Active nutrition of plants. Fully digestible substance. Highly effective in extreme weather conditions, increases the effect of the use of nitrogen ammonia forms. Enhances the formation of protein substances and the process of photosynthesis. It is recommended for use on onions, parsley, flower ornamental crops.

Application rate

1,5 – 3,0 liters/ha

Composition

Nitrogen – 103 g/l
Phosphorus – 215 g/l
Potassium – 203 g/l

pH 8 – 8,5
density 1,3

Active 15:15:15

The preparation is intended for leaf processing of all cultivated plants during the period of vegetative growth, provides the necessary nutrition for agricultural crops, increases stress resistance, strengthens the immunity of plants, and also provokes the plant to realize its potential.

Application rate

1,5 – 3,0 liters/ha

Composition

Nitrogen – 309 g/l
Phosphorus – 215 g/l
Potassium – 203 g/l

pH 8 – 8,5
density 1,3

Active 15:5:5

The preparation is intended for leaf processing of all agricultural crops. It is used in critical phases of plant growth and development. Strengthens the immune system, has a positive effect on the development of the root system. Provides the necessary nutrition for plants.

Application rate

1,5 – 3,0 liters/ha

Composition

Nitrogen – 309 g/l
Phosphorus – 71,7 g/l
Potassium – 67,8 g/l

pH 8 – 8,5
density 1,3

Active 25:10:10

The preparation is intended for leaf processing of all agricultural crops. It provides nutrition, promotes the accumulation of sugars, improves the synthesis of vitamin C, thickens the walls of plant cells, increases the yield and quality of finished products.

Application rate

1,5 – 3,0 liters/ha

Composition

Nitrogen – 515 g/l
Phosphorus – 143,3 g/l
Potassium – 135,3 g/l

pH 8 – 8,5
density 1,3

Active 20:5:5

The preparation is intended for leaf processing in the initial phases of plant growth and development. Promotes the set of vegetative mass and the development of the root system, as well as an increase in yield.

Application rate

1,5 – 3,0 liters/ha

Composition

Nitrogen – 412 g/l
Phosphorus – 71,7 g/l
Potassium – 67,8 g/l

pH 8 – 8,5
density 1,3

Universal

This fertilizer is used for seed treatment before planting, leaf treatment of all cultivated plants. It is assimilated by 91-95% and provides complex nutrition, increasing productivity by up to 25%.

Application rate

1,5 – 2,5 liters/ha or 0,5 – 1,5 liters/a ton of seeds

Composition

Nitrogen – 130 g/l
Potassium – 110 g/l
Copper – 63 g/l
Boron – 28 g/l
Manganese – 22 g/l
Zinc – 19 g/l
Nickel – 0,4 g/l
Molybdenum – 0,2 g/l
Cobalt – 0,1 g/l
Growth stimulator – 88 g/l
Carboxylic acids – 55 g/l
Anti-stress agent – 35 g/l

pH 7,9 – 8,2
density 1,2

Vitamins

This fertilizer increases the germination of crops, shortens the ripening period. It stimulates the development and strengthening of the root system, green mass, inflorescences, improves the quality of finished products, increases yields. The fertilizer is recommended for use in closed

annual and perennial flowers, spicy herbs, oats, berry crops.

Application rate

0,4 – 4,0 liters/ha

Composition

Manganese – 12 g/l
Copper – 6 g/l
Boron – 6 g/l
Potassium – 5 g/l
Zinc – 5 g/l
Iron – 3 g/l
Phosphorus – 3 g/l
Molybdenum – 1 g/l
Cobalt – 1 g/l
Anti-stress agent – 57.5 g/l
Growth stimulants – 37.5 g/l
Carboxylic acids – 2 g/l
Dicarboxylic acids – 2 g/l

pH 8 – 9
density 1,3

Treatment

This fertilizer is intended for processing seeds of agricultural crops before planting, promotes the formation of a powerful root system, provides microbiological activity of the soil, promotes the production of fullfledged seedlings in the initial phases of plant growth and development, strengthens the immunity of agricultural crops, increases productivity. It is used on seeds of grain ear (winter and spring) crops.

Application rate

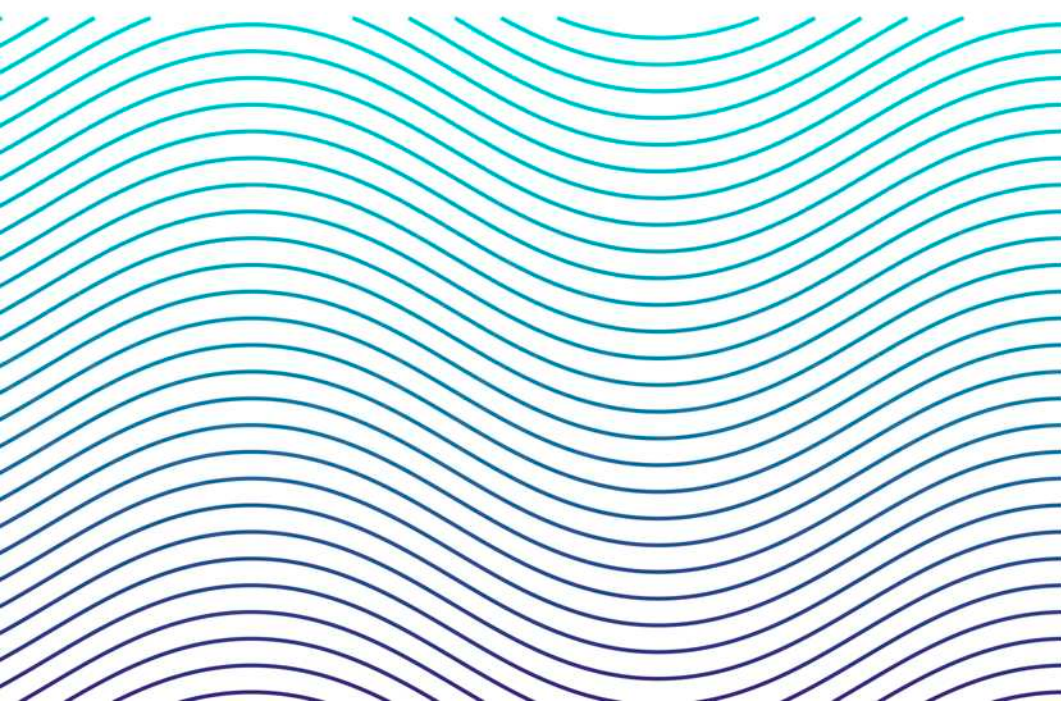
2 – 4 liters/ha or liters/a ton of seeds

Composition

Iron – 70 g/l
Nitrogen – 62,5 g/l
Potassium – 47,5 g/l
Phosphorus – 12,5 g/l
Manganese – 6 g/l
Copper – 3 g/l
Boron – 3 g/l
Zinc – 2,5 g/l
Molybdenum – 0,5 g/l
Cobalt – 0,5 g/l
Anti-stress agent – 95 g/l
Carboxylic acids – 50 g/l
Dicarboxylic acids – 12,5 g/l
Growth stimulator – 37,5 g/l

pH 7,9 – 8
density 1,3

Thanks for your attention





**with best wishes,
for best harvest!**



**APPLY FERTILIZERS TODAY FOR THE
BENEFIT OF A HEALTHY FUTURE!**

PRODUCED IN SUNNY ARMENIA



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