



EKOPLON

FOLIAR FERTILIZERS

EKOPLON
product catalogue



EKOPLON

EKOPLON company

Table of contents

Water soluble fertilizers	4
Complete fertilizers for crops	6
Nitrogen-magnesium concentrate	7
Seed treatment fertilizer	7
Liquid foliar fertilizers	8
Fertilizers for fertigation	10
Powder boron fertilizer	10
Special order products	11

It is a Polish family business founded in 1989 by Jan Sajkiewicz, Ph.D., which occupies a leading position in Poland in the field of plant fertilization. The company's early activity involved the manufacture of EKOLIST foliar fertilizers, which are recognized and appreciated by customers.

Our fertilizer plant utilizes cutting-edge technology, using state-of-the-art technological and research facilities and highly qualified specialists. This allows us to continually deliver innovative products tailored to the current needs and expectations of our Customers. Moreover, we cooperate with a wide range of farms and research centers to continuously develop and improve our product range. The result is a rich plethora of high-quality foliar fertilizers, adapted to the specific needs of professional farms, horticultural and amateur crops.

Since its establishment, EKOPLON has been a company that values professionalism, innovation and product development.

Our goal is to educate and integrate our Clients, as well as ensure business and social security - the foundations for partnership, as a basis for cooperation in line with our mission, vision, values and corporate culture. We provide practical and effective solutions for the production of fertilizers and feeds with respect for the environment. We also strive to involve all our social and business partners in our actions for the common good. Our organizational development and the market success of EKOPLON is largely due to its group of qualified specialists, technologists and experts from the agricultural sector in the field of plant fertilization and animal nutrition.

Agriculture and contact with people is our passion, so we can offer high quality at affordable prices. We make sure that our Clients always receive professional advice and good quality products. We are committed to offering exactly what our Customers need, optimizing production costs.

Your Partner in Business

MAXIMUS

water soluble fertilizers



MAXIMUS AminoMicro

The basic MAXIMUS Platinum fertilizer series is recognized and appreciated by farmers, where some of the microelements (Fe, Mn and Zn) are complexed with **lignosulfonates**. Thanks to this solution, there is an increase in nutrient sorption, an increase in the resistance of plants to mechanical damage and crop damage caused by certain plant pathogens. MAXIMUS Platinum fertilizers have been enriched with **MPC²** (Micro Protection Complex), which stimulates proper growth and better utilization of soil nutrients, and prevents nutrient deficiencies.

How do they work?

- lignosulfonates assist in the transport of water and mineral salts contained therein;
- they are binders - they are responsible for the compactness of the cell structure, thereby giving the tissues compressive strength and maintaining their rigidity;
- they take part in the process of respiration and photosynthesis;
- they increase nutrient sorption;
- they stimulate vegetative growth, reproduction and fruiting, promote rooting of plants;
- they help stabilize emulsions so they act as surfactants;
- many scientific studies have shown that lignosulfonates exhibit fungistatic activity and reduce plant infection by some diseases;
- they provide anti-transpirant functions - reduce the risk of plant burns;
- they do not cause phytotoxic effects even when used at low temperatures;
- they produce an outer protective layer on the leaves and stems of the plant, which makes it difficult for harmful substances and pathogens to penetrate into their interior;
- micronutrients complexed by lignosulfonates are characterized by high penetration by the cuticle.

The advantage of MAXIMUS AminoMicro fertilizers is the increase in efficiency and the rate of microelement uptake compared to microelements used in the form of synthetic salts or chelates. This is due to the faster retrieval of amino acid links of the micronutrients by leaves and fruits and greater mobility of these connections in the plant. Remember that the ions in fertilizers are complexed with amino acids - the complex has no electrical charge. The use of amino acids in fertilizers improves the condition of plants and their resistance to abiotic stresses, and stimulates them to grow and develop.

The presence of glycine in the fertilizer contributes to the increase in chlorophyll concentration in plants, which leads to increased photosynthesis efficiency. Scientific studies show that the use of glycine complexes increases the total weight of leaves, stems and roots.

MAXIMUS AminoMicro - fertilizing without compromise

- Uncompromising microelements supply for plants,
- Uncompromisingly quick action of microelements,
- Uncompromising rate of microelements transportation in plants,
- Uncompromising elimination of even the hidden nutrient deficiencies,
- Uncompromising fertilizer contents, adjusted to the needs of specific crops,
- Uncompromising use of the positive effect of microelements complexed with glycine on plant metabolism,
- Uncompromising use of biostimulating properties of MPC²,
- Uncompromising stimulation of growth and development of crops, particularly in periods of biotic and abiotic stress,
- Uncompromising and measurable benefits from the yields and quality of yields.



NUTRIENT CONCENTRATION:	[% W/W]										
	N	P ₂ O ₅	K ₂ O	MgO	SO ₃	B	Cu	Fe	Mn	Mo	Zn
MAXIMUS Platinum 20+20+20	20	20	20	0.2	0.4	0.05	0.06	0.11	0.01	0.001	0.04
MAXIMUS Platinum extra N	30	8	11	1.4	2.8	0.05	0.06	0.11	0.01	0.001	0.04
MAXIMUS Platinum extra P	12	50	6	0.6	1.2	0.05	0.06	0.11	0.01	0.001	0.04
MAXIMUS Platinum extra K	14	8	32	1.1	2.2	0.05	0.06	0.11	0.01	0.001	0.04
MAXIMUS Platinum extra Mg	15	5	5	12.0	23.0	0.05	0.06	0.11	0.01	0.001	0.04
MAXIMUS Platinum extra PK	5	20	35	-	3.7	2.00	0.06	0.11	0.01	0.001	0.04
MAXIMUS Platinum extra S	7	-	15	-	50.0	0.05	0.06	0.11	0.01	0.001	0.04
MAXIMUS Platinum extra PKMg	-	25	20	10.0	22.0	0.05	0.06	0.11	0.01	0.001	0.04
MAXIMUS extra ZnBMg	-	-	-	2.5	9.0	11.00	0.06	0.11	0.01	0.001	5.00



NUTRIENT CONCENTRATION:	[% W/W]									
	N	P ₂ O ₅	K ₂ O	MgO	B	Cu	Fe	Mn	Mo	Zn
MAXIMUS AminoMicro Universal	-	11	7	2	0.34	2.0	6.0	3.0	0.04	2.0
MAXIMUS AminoMicro Cereals	11	-	7	-	0.34	5.0	2.0	4.0	0.04	2.0
MAXIMUS AminoMicro Rape/ Sugar beet	11	-	7	-	2.0	1.5	3.0	4.0	0.04	1.5
MAXIMUS AminoMicro Maize/ Potatoes	-	11	7	-	2.0	2.0	2.0	3.0	0.04	5.0

Group of crystalline, water-soluble fertilizers for foliar application. Forte fertilizers contain a complete, well-balanced set of macronutrients and micronutrients. The content and ratio of particular nutrients are adjusted to the needs of specific crops: cereals, oilseed rape, maize and malting barley. COMPLEX forte is especially recommended for vegetables, fruit tree and berry plantations. BORON forte completely covers boron deficiency in all crops. All the fertilizers can be used in every crop in both spring and autumn. Forte products contain Anti-Stres Complex, amino acids and vitamins that support the regeneration of plants growing in unfavorable conditions and increase their resistance to abiotic stresses.

Anti-Stres Complex in Forte fertilizers:

- Promotes the synthesis of chlorophyll;
- Has nutritional properties;
- Supports the proper course of physiological and biological processes;
- Protects plants from the effects of drought, high/low temperatures and soil salinity.

Major benefits:

- Complete set of macronutrients and micronutrients, in each fertilizer;
- High solubility;
- Composition enriched with the Anti-Stres Complex, amino acids and vitamin complex;
- The possibility of using the product in both autumn and spring;
- Practical packaging.

NUTRIENT COMPOSITION:	[% W/W]										
	N	P ₂ O ₅	K ₂ O	MgO	SO ₃	B	Cu	Fe	Mn	Mo	Zn
COMPLEX forte	18	18	18	2.4	4.7	0.02	0.01	0.10	0.01	0.001	0.02
CEREALS forte	5	15	15	7.8	20.0	0.02	1.00	0.10	1.00	0.001	0.004
RAPE forte	5	15	15	4.6	14.7	3.00	0.003	0.15	1.00	0.001	0.004
MAIZE forte	5	20	15	4.2	22.0	1.50	0.007	0.10	0.01	0.001	1.50
BORON forte	1.8	-	-	-	5.0	16.0	-	-	-	-	-
MALTING BARLEY forte	-	-	-	2.1	4.2	1.10	3.00	0.70	4.00	0.20	4.00



NITROSPEED 39
nitrogen-magnesium concentrate

NITROSPEED 39 is nitrogen-magnesium concentrate enriched with the SPEED formula: improves metabolism and nitrogen use, as well as increases plant resistance to abiotic stress. Moreover, due to the SPEED formula:

- Plants absorb the nitrogen used in foliar fertilization quicker,
- Plants are provided with quicker and more effective ways to implement the nitrogen used in fertilization in their organisms,
- Plants are less susceptible to stress resulting from using urea in foliar fertilization,
- Plants make better use of nitrogen soil fertilization (particularly nitrogen used in saltpeter form).

Due to a large amount of titanium, the SPEED formula provides strong anti-stress effect, and stimulates physiological processes in plants. Molybdenum accelerates the transformation of nitrate nitrogen. Nickel accelerates the transformation of amide (urea) nitrogen.

composition:

NUTRIENT CONCENTRATION	% W/W
Nitrogen (N)	26.0
Magnesium (MgO)	3.1
Molybdenum (Mo)	0.001
Titanium (Ti)	0.026
Nickel (Ni)	0.015



STIM +
seeds treatment

STIM + is specialized fertilizer intended for seed dressing of winter and spring cereal seeds.

STIM +

- Provides the necessary microelements, including Mn, Cu, Zn, Ni, Ti,
- Has biostimulating properties thanks to additional amino acids and humic and fulvic acids,
- Increases the resistance of plants to abiotic and biotic stresses,
- Guarantees the safety of plant emergence and simplicity of application,
- Provides strong antistress effect, and stimulates physiological processes in plants.



NUTRIENT CONCENTRATION:	[% W/W]														
	N	P ₂ O ₅	K ₂ O	MgO	B	Cu	Fe	Mn	Mo	Zn	Ti	Ni	Amino acids	Organic matter	Total humic extracts
STIM+	2.2	1.6	2.2	1.5	0.5	0.5	2.0	0.7	0.13	0.9	0.3	0.01	0.4	2.5	1.4



EKOLIST










liquid foliar fertilizers



A renowned brand of high-quality foliar applied macro- and micronutrients for field, orchard and horticultural crops. EKOLIST contains fully available micronutrients with CHELACID – a specially designed chelating complex.

CHELACID is a complex of microelements chelated with EDTA and organic acids. It ensures fast and safe micronutrient absorption into leaf cells, making foliar fertilization the best and fastest way to replenish micronutrients. It strengthens the plant's resistance to diseases, pests and physiological stress, and facilitates the combined use of fertilizers with multiple protection measures. To meet the expectations of our Customers, some EKOLIST fertilizers have been enriched with **ComplexActive**. This is a complex of three substances that protect plants from high temperatures and dehydration and promote their faster regeneration.



COMPOSITION		[% W/W]												
		N	P ₂ O ₅	K ₂ O	MgO	CaO	Na ₂ O	S	B	Cu	Fe	Mn	Mo	Zn
EKOLIST Standard		10	-	6	2.7	-	-	+	0.41	0.41	0.08	0.04	0.002	0.24
EKOLIST Cereals		10	3	3	-	-	-	1.3	0.01	0.90	0.70	0.80	0.005	0.70
EKOLIST Rape		12	4	3	-	-	-	-	0.70	0.01	0.70	0.70	0.005	0.01
EKOLIST Maize		6	10	3	-	-	-	-	0.50	0.10	0.60	0.20	0.005	0.90
EKOLIST Sugar beet		4	5.5	6.6	-	-	3.4	-	0.50	-	0.90	0.80	0.005	0.30
EKOLIST Legumes		4	10	3	-	-	-	+	0.70	0.10	0.30	0.30	0.01	0.80
EKOLIST Potatoes		5	8	7	-	-	-	+	0.60	-	0.30	0.70	0.005	0.80
EKOLIST Phosphorus-Potassium		-	10	19	-	-	-	-	-	-	-	-	-	-
EKOLIST Phosphorus		7.3	35	-	-	-	-	-	0.50	-	-	-	-	0.50
EKOLIST micro U		4	-	-	5	-	-	4.1	0.56	0.60	0.67	1.00	0.004	0.60
EKOLIST micro C		4	-	-	5	-	-	4.5	0.16	0.35	1.00	0.98	0.005	0.90
EKOLIST micro RB		4	-	-	5	-	-	4.1	0.56	0.55	0.60	1.00	0.004	0.55
EKOLIST micro M		4	-	-	5	-	-	4.0	0.30	0.24	0.40	0.45	0.016	1.00
EKOLIST micro P		4	-	-	5	-	-	4.0	0.35	0.45	0.65	1.10	0.012	1.00
EKOLIST micro L		4	-	-	5	-	-	4.0	0.30	0.23	0.40	0.45	0.016	1.00
EKOLIST Vegetables		12	4	7	+	-	-	4.1	0.02	0.01	0.02	0.01	0.005	0.005
EKOLIST Strawberry		10	-	6	2.7	-	-	+	0.41	0.41	0.09	0.05	0.002	0.24
EKOLIST Calcium		8	-	-	2.0	13.9	-	+	0.02	0.03	0.02	0.01	0.001	0.03
EKOLIST mono Boron		-	-	-	-	-	-	-	11.00	-	-	-	-	-
EKOLIST mono Copper		-	-	-	-	-	-	-	-	6.00	-	-	-	-
EKOLIST mono Iron		-	-	-	-	-	-	-	-	-	9.70	-	-	-
EKOLIST mono Manganese		-	-	-	-	-	-	-	-	-	-	11.50	-	-
EKOLIST mono Molybdenum		-	-	-	-	-	-	-	-	-	-	-	4.50	-
EKOLIST mono Zinc		-	-	-	-	-	-	-	-	-	-	-	-	8.00
EKOLIST duo B+Mo		-	-	-	-	-	-	-	10.8	-	-	-	0.4	-
Calcium nitrate		8.5	-	-	-	17.0	-	-	-	-	-	-	-	-

FERTIDROP

multi-ingredient fertilizers for fertigation

FERTIDROP range includes three multi-ingredient, fully water-soluble fertilizers for the fertigation in inert, organic substrates, and in the ground. Complete compositions are suitable for use throughout the growing season of plants. Products are adapted to the specific development phase of plants – from the seedling stage throughout the entire growing season. FERTIDROP fertilizers are primarily dedicated to the fertigation of horticultural plants grown under covers.

Major benefits:

- Complete compositions adapted to the specific development phase of plants;
- High solubility;
- Excellent availability of all nutrients;
- Guaranteed purity of the mineral raw materials;
- Ease of use.

NUTRIENT COMPOSITION	[% W/W]										
	N	P ₂ O ₅	K ₂ O	MgO	SO ₃	B	Cu	Fe	Mn	Mo	Zn
FERTIDROP Start	7.2	11.5	24	7	13.7	0.03	0.007	0.15	0.05	0.005	0.03
FERTIDROP Vegetative growth	8.7	10	30	4	7.8	0.03	0.010	0.21	0.07	0.005	0.04
FERTIDROP Fruit growth and maturation	10.4	9	37	-	-	0.04	0.005	0.10	0.06	0.005	0.05

MAXIBOR 21

powder boron fertilizer

MAXIBOR 21 is foliar formulation intended for supply boron. It contains 20,8% of available boron therefore it is highly recommended in rape, sugar beet, maize, potatoes. The fertilizer has been enriched with molybdenum and sodium. MAXIBOR 21 increases of crop yields and protects plants from boron deficiency (heart-leaf blight, root rot in beets, low sugar content, inhibited flower and fruit formation, pod dropping, necrosis, etc.).

NUTRIENT CONCENTRATION	% W/W
Boron (B)	20.8
Molybdenum (Mo)	0.02
Sodium (Na)	14.7



special order products

MAXIMUS Amino

The distinguishing feature of the MAXIMUS Amino fertilizer line is their high content of free amino acids as well as shorter and longer peptides (protein chains). Manufacturing process of MAXIMUS Amino fertilizers allows for acquiring products with a very high content of several amino acids (glycine, proline and glutamic acid).

- Due to the amount of free amino acids, MAXIMUS Amino fertilizers have stimulating properties for plant metabolism in terms of proper growth and development,
- MAXIMUS Amino fertilizers have strong anti-stress properties,
- MAXIMUS Amino fertilizers have a positive impact on a number of major physiological processes in plants,
- MAXIMUS Amino fertilizers supply treated plants with macro- and/or microelements,
- Microelements in MAXIMUS Amino fertilizers are complexed with amino acids; this affects the fast and effective nutrient absorption in the treated plants,
- Due to their peptide content, MAXIMUS Amino fertilizers improve the properties of the working liquid,
- MAXIMUS Amino fertilizers share the properties of natural adjuvants.



MAXIMUS Amino Calcium

composition:

NUTRIENT	% W/W
Calcium (CaO)	11.0
Magnesium (MgO)	3.0
Boron (B)	0.8
Cooper (Cu)	0.5
Iron (Fe)	2.0
Manganese (Mn)	3.0
Molybdenum (Mo)	0.02
Zinc (Zn)	3.0
Organic nitrogen	5.5
Total amino acids	34.4
Free amino acids	20.0



MAXIMUS Amino Antystres

composition:

NUTRIENT	% W/W
Magnesium (MgO)	6.0
Boron (B)	2.0
Cooper (Cu)	0.5
Iron (Fe)	2.0
Manganese (Mn)	2.0
Molybdenum (Mo)	0.02
Zinc (Zn)	4.0
Organic nitrogen	5.0
Total amino acids	31.0
Free amino acids	9.0



Optimax pH

universal adjuvant



Optimax pH is universal adjuvant based on fulvic acids that improves quality parameters of solutions used in foliar feeding and plant protection. It reduces surface tension of applied liquid drops, what results in better coverage of the sprayed surface and improved effectiveness of foliar treatments. The formulation of the adjuvant is based on fulvic acids. Optimax pH is intended for use in all crops.

Composition: substances, which improve the uptake of active ingredients and wettability, fulvic acids, pH regulators, complexing substances, anti-foaming agents.



EKOPLON

RESPONSIBILITY AND COMMITMENT

We want to responsibly engage all our social and business partners to work for the common good. Partnership in relations with all stakeholders is the basis for the development of our business. We build involvement through cooperation, partnership and trust, which allows us to enthusiastically pursue our objectives and exceed our goals.

QUALITY AND SAFETY

We provide practical, effective and safe solutions respecting the environment, affecting the quality of life and development, which guarantees building common prosperity. Combining such elements as quality, natural raw materials and production results - we always act in accordance with the principles of sustainable development.

DEVELOPMENT AND INTEGRATION

We proudly create a company that focuses on partnership and customer satisfaction. We are constantly working on new, technologically advanced solutions with a real impact on the development of agriculture. Partnership and integration with Customers is the basis for creating products and solutions in line with market needs.

EKOPLON - Your Partner in Business



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