LLC «NTP-Sintez»
Republic of Belarus
231785, Grodno region, Berestovitsa district,
Eismontovsky village council, 13, administrative building
near the village of Bolshie Iodkovichi
TIN 591471198

+375 152 695 000
+375 152 695 111
+375 44 788 51 34
+7 916 503 74 36

ntp-s@mail.ru
www.komplemet.by
www.komplemet.ru

КомплеМет
FERTILIZERS COMPLEX

2023
LLC «NTP-Sintez»

KompleMet is highly effective liquid nutrient complexes for plants that have no direct analogues in terms of the ratio and form of the nutrient elements they contain. To date, more than 50 brands of fertilizers have been registered under the trade name KompleMet:

- for individual crops or their groups - balanced in microelement composition, taking into account the biological characteristics of plants and their needs for certain nutrients;
- with a separate trace element - for crops that have increased requirements for a particular element;
- with the content of macronutrients - to supplement the root nutrition for the main nutrient elements;
- organomineral - fertilizers with a growth-stimulating effect.

Complex fertilizers “KompleMet” fully comply with the intensive technologies of modern agricultural production and are successfully used at agro-industrial enterprises, farms and personal household plots. Nutrient elements (metals) in their composition are contained in the form of complex compounds - chelates, which have an increased digestibility compared to free metal ions. Qualified specialists and a wide range of brands will allow you to choose an effective application program, taking into account the specifics of plant nutrition, soil and climatic conditions and the planned yield.

Fertilizers comply with the requirements of the technical regulation of the Republic of Belarus “Mineral fertilizers. Safety”, are produced in accordance with the quality management system GOST R ISO 9001-2015.

Fertilizers are registered in the Republic of Belarus, the Russian Federation, the Republic of Moldova, Ukraine, the Republic of Armenia, the Republic of Uzbekistan, the Republic of Turkey, Turkmenistan and the Republic of Kazakhstan.

CONTENT

RECOMMENDED PROGRAMS FOR USE

CEREAL CROPS

LEGUMES CROPS

FEED CROPS

TECHNICAL CROPS

VEGETABLE CROPS

FRUIT AND BERRY CROPS

КОМПЛЕМЕТ FERTILIZERS FOR INDIVIDUAL CROPS AND THEIR GROUPS

Brand: RAPESEED

with a high content of manganese and sulfur for rapeseed, sunflower and other oilseeds.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
20	2,0	12	7,0	0,15	0,06	1,0	83	57	35

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: GH (Garden-Horticulture)

with a combination of microelements with an optimal ratio for vegetable, fruit, ornamental plants.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
10	9,0	15	4,5	0,15	0,05	5,5	79	83	14

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: POTATO

With a predominant content of manganese and copper, which are most needed by potatoes.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
15	12	8,0	7,0	0,15	0,05	9,8	83	99	14

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: TOMATOES

With a balanced complex of microelements, necessary for tomato, pepper, eggplant, physalis.

The composition, g/l (g/dm³):

Fe*	Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
							not less than			
7,7	5,9	5,6	8,4	2,8	0,1	0,03	3,7	87	79	23

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: CUCUMBERS

With a balanced complex of microelements for cucumbers and other cucurbits.

The composition, g/l (g/dm³):

Fe*	Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
							not less than			
10	4,6	4,0	7,8	5,0	0,1	0,03	3,2	91	78	25

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: GRAIN

With a balanced ratio of manganese and copper, the most important for winter and spring grains.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
20	5,0	15	4,5	0,15	0,05	9,2	96	105	14

* - element in a chelated compound

Packing:: 2, 20, 1000 l.

Brand: CORN

With a high concentration of zinc, the introduction of which is most effective for corn.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
10	2,5	30	4,0	0,15	0,05	2,4	97	85	14

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: BEET

With an increased amount of manganese, necessary for sugar, fodder and table beet.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
25	4,0	6,0	7,0	0,15	0,05	11	87	106	14

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: FLAX

With an increased content of zinc, in balance with manganese and copper, which positively affect the yield of flax.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
10	5,0	25	7,0	0,15	0,05	3,9	92	85	14

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: LEGUMES

with a significant content of molybdenum and cobalt, the presence of which is demanding for grain legumes and legume grasses.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
15	2,0	5,0	8,0	15	3,0	6,8	83	103	14

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: BLUEBERRY

Fertilizer complex, represented by a concentrate of microelements in the form of chelates, balanced with macroelements in the optimal ratio to achieve high growth rates and fruiting of blueberries.

The composition, g/l (g/dm³):

MgO*	Fe*	Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
not less than								not less than			
6,2	7,5	2,5	2,2	3,7	1,1	0,03	0,01	3,7	75	62	16

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: COTTON

A complex with a combination of microelements necessary for the growth and development of cotton.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
						not less than			
10	5,0	25	10	0,15	0,05	70	90	80	14

* - element in a chelated compound

Packing: 20, 1000 l.

Brand: RESOURCE

with a high content of iron, manganese, copper, zinc and molybdenum for intensive tillering of grain crops.

The composition, g/l (g/dm³):

Fe*	Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4
							not less than			
5,6	14	5,6	9,0	0,5	0,7	0,05	14	100	120	23

* - element in a chelated compound

Packing: 2, 20, 1000 l.

КОМПЛЕМЕТ FERTILIZERS WITH A SEPARATE MICROELEMENT

Brand: FERRUM+ZINC

Combination of iron chelate and zinc chelate for cultures sensitive to their deficiency.

The composition, g/l (g/dm³):

Fe*	Zn*	P_2O_5	K_2O	SO_4
		not less than		
15	15	73	41	25

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: FERRUM

With a high concentration of chelated iron for crops and ornamental plants.

The composition, g/l (g/dm³):

Fe*	P_2O_5	K_2O	SO_4
	not less than		
30	80	39	51

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: MANGANESE

With a high concentration of chelated manganese for adjusting the manganese nutrition of plants.

The composition, g/l (g/dm³):

Mn*	N_{total}	P_2O_5	K_2O	SO_4
	not less than			
30	12	80	103	14

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: COPPER

With a high concentration of chelated copper for crops with increased requirements for its presence.

The composition, g/l (g/dm³):

Cu*	N_{total}	P_2O_5	K_2O
	not less than		
30	14	67	88

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: ZINC

With a high concentration of chelated zinc for crops the most responsive to its introduction.

The composition, g/l (g/dm³):

Zn*	P_2O_5	K_2O
	not less than	
30	67	43

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: MOLYBDENUM

With a high concentration of chelated molybdenum for crops acutely responsive to its deficiency.

The composition, g/l (g/dm³):

Mo*	N_{total}	P_2O_5	K_2O
	not less than		
30	3,8	44	58
* - element in a chelated compound			

Packing: 400 ml, 2, 20, 1000 l.

Brand: BORON

With a high concentration of organomineral boron for crops in need of its increased amount.

The composition, g/l (g/dm³):

B	N_{total}
	not less than
150	65

Packing: 400 ml, 2, 20, 1000 l.

КОМПЛЕМЕТ FERTILIZERS WITH A SEPARATE MACROELEMENT

Brand: PK

Combination of organic phosphorus and potassium to supplement root nutrition for these elements.

The composition, g/l (g/dm³):

P_2O_5	K_2O
not less than	
210	140

Packing: 400 ml, 2, 20, 1000 l.

Brand: PK2

Combination of organic phosphorus with an increased amount of potassium.

The composition, g/l (g/dm³):

P_2O_5	K_2O
not less than	
210	280

Packing: 2, 20, 1000 l.

КОМПЛЕМЕТ FERTILIZERS WITH A SEPARATE MESOELEMENT

Brand: CALCIUM

Contains the maximum concentration of the mineral calcium and a complex of microelement chelates.

The composition, g/l (g/dm³):

CaO	MgO	Fe*	Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	SO_4
not less than									not less than	
200	13	0,3	0,5	0,45	0,75	0,23	0,015	0,005	125	0,46
* - element in a chelated compound										

Packing: 400 ml, 2, 20, 1000 l.

Brand: CALCIUM EXTRA

contains a chelated form recommended for the rapid elimination of calcium starvation.

The composition, g/l (g/dm³):

CaO*	N_{total}
not less than	
130	40
* - element in a chelated compound	

Packing: 2, 20, 1000 l.

Brand: CALCIUM FORM

Calcium chlorine-free fertilizer with boron, nitrogen-free.

The composition, g/l (g/dm³):

CaO	B
not less than	
70	3,0

Packing: 2, 20, 1000 l.

Brand: MAGNESIUM

Contains magnesium in mineral form for foliar feeding of crops.

The composition, g/l (g/dm³):

MgO	N_{total}
not less than	
50	26

Packing: 2, 20, 1000 l.

Brand: MAGNESIUM EXTRA

Contains a chelated form of magnesium that is more effective than the mineral form.

The composition, g/l (g/dm³):

MgO*	N_{total}
not less than	
100	40
* - element in a chelated compound	

Packing: 2, 20, 1000 l.

Brand: PKMg (PHOSPHORUS, POTASSIUM, MAGNESIUM)

Combination of chelated magnesium, organic phosphorus and potassium.

The composition, g/l (g/dm³):

MgO*	N_{total}	P_2O_5	K_2O
not less than			
50	19	289	259
* - element in a chelated compound			

Packing: 400 ml, 2, 20, 1000 l.

Brand: SULFUR

Mineral sulfur-containing fertilizer. Sulfur is presented in the form of SO_4^{2-}-ion, which is easily absorbed by plants.

The composition, g/l (g/dm³):

N_{total}	SO_4
not less than	
87	300

Packing: 2, 20, 1000 l.

КОМПЛЕМЕТ UNIVERSAL ORGANOMINERAL FERTILIZERS

Brand: BUD

A complex of nutrient elements and active organic substances to enhance branching, improve the quality of flowering and form the ovary of fruit, vegetable and ornamental crops.

The composition, g/l (g/dm³):

CaO*	B	N_{total}	P_2O_5	Active organic matter
not less than		not less than		
50	3,0	50	200	100
* - element in a chelated compound				

Packing: 400 ml, 2, 20, 1000 l.

Brand: GARDEN-HORTICULTURE IMPULSE

A balanced combination of microelements in the optimal ratio and active organic substances for fruit, vegetable and ornamental crops.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
						not less than				
10	9,0	15	4,5	0,15	0,05	20	110	75	10	200

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: ACTIVE

Contains the necessary microelements and active organic substances for high growth rates of vegetable, fruit and ornamental crops.

The composition, g/l (g/dm³):

MgO*	Fe*	Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
not less than								not less than				
11,6	9,0	3,0	3,0	5,0	3,0	0,15	0,05	105	99	87	10	200

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

Brand: START

Balanced composition of microelements and active organic substances that provide intensive growth and development in the early stages of growth.

The composition, g/l (g/dm³):

MgO*	Fe*	Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
not less than								not less than				
17	12,5	3,5	4,0	7,0	4,5	0,15	0,05	25	180	70	10	200

* - element in a chelated compound

Packing: 400 ml, 2, 20, 1000 l.

КОМПЛЕМЕТ

ORGANOMINERAL FERTILIZERS FOR INDIVIDUAL CROPS AND THEIR GROUPS

Brand: LEGUMES IMPULSE

Complex fertilizer with a high content of molybdenum, cobalt and containing active organic substances to achieve high yields of leguminous crops and grasses.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
						not less than				
15	2,0	5,0	8,0	15	3,0	30	120	80	10	200

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: GRAIN IMPULSE

With a balanced ratio of manganese and copper, containing active organic substances to achieve high productivity and quality of crops.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
						not less than				
20	5,0	15	4,5	0,15	0,05	30	140	100	10	200

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: CORN IMPULSE

With a high concentration of zinc and active organic substances for intensive growth and cobbing of corn.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
						not less than				
10	2,5	30	4,0	0,15	0,05	20	140	90	10	200

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: RAPESEED IMPULSE

With a high content of manganese, sulfur and active organic substances in the composition, providing high productivity of rapeseed, sunflower and other oilseeds.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
						not less than				
20	2,0	12	7,0	0,15	0,06	25	120	80	10	200

* - element in a chelated compound

Packing: 2, 20, 1000 l.

Brand: FLAX IMPULSE

with an increased content of zinc, in balance with manganese, copper and boron, containing active organic substances in its composition, which determine the receipt of high yields of flax.

The composition, g/l (g/dm³):

Mn*	Cu*	Zn*	B	Mo*	Co*	N_{total}	P_2O_5	K_2O	SO_4	Active organic matter
						not less than				
11	4,5	30	3,0	1,0	0,05	30	155	110	10	200

* - element in a chelated compound

Packing: 20, 1000 l.

KompleMet fertilizers are tank mix compatible with most plant protection products. Before mixing, a preliminary check for chemical compatibility is necessary.

Attention! To avoid burns and reduce productivity, foliar treatment should be carried out at an air temperature not higher than 25oC; time before precipitation - at least 4 hours. The use of organomineral fertilizers is most effective at a temperature of 15-25o C.

IMPORTANT: *Calcium, Calcium Extra, Calcium Form, Magnesium, Magnesium Extra are brought in separately!*

THE VALUE OF ELEMENTS (MESO-, MICRO-) IN THE CULTIVATION OF CROPS

Microelements are indispensable and essential mineral elements in plant nutrition and perform important functions in the process of their growth and development.

Modern crop cultivation technologies aimed at the formation of highly productive crops must necessarily include in the fertilizer systems the full provision of plants with microelements along with the main nutrient elements. The most effective ways to use microelements, from an economic and environmental point of view, are seed treatment and foliar feeding.

KompleMet MESOELEMENTS

Ca

Calcium affects the metabolism of carbohydrates and protein compounds, determines the availability and promotes the absorption of a number of macro- and microelements by plants. Calcium is essential for plant growth, leaf formation, root hair formation, and root development. The deficiency manifests itself in acidic soils and affects the upper parts of plants: the growth of young leaves is inhibited, small leaves of irregular shape are formed. Root tips die. Calcium deficiency is the cause of physiological disorders of fruits - bitter pitting and vitreousness of the apple, blossom end rot of tomatoes, etc., leads to the development of fungal infections. Due to low mobility, calcium is not redistributed in the plant - for normal fruit growth and obtaining a high quality crop, foliar top dressing is extremely important during the period of growth formation - fruit ripening.

Mg

The role of **Magnesium** in a plant is determined by its participation in the processes of photosynthesis and respiration, activation of enzyme systems, carbohydrate and protein metabolism, accumulation of ascorbic acid and sugars. Magnesium has a positive effect on the mobility and availability of phosphates to plants, thereby increasing the degree of their use from the soil and from fertilizers, on the accumulation and transport of carbohydrates and, accordingly, on drought and frost resistance of plants. Deficiency manifests itself on light soils with a high level of acidity, primarily on old leaves in the form of light stripes along the veins, starting from the edges, the leaves become spotty, pale, yellowish.

Sensitive to deficiency: sugar beets, legumes, corn, millet, sorghum, cereals, potatoes, cucumbers, tomatoes.

In *grain crops*, the critical need for magnesium is the phase of tillering and exit into the tube, in *fruit* and *vegetable crops* - the growth and filling of fruits.

S

Sulfur is involved in nitrogen and carbohydrate metabolism, in the processes of respiration and fat synthesis, enhances the growth and development of roots, stimulates the formation of nodule bacteria on the roots of legumes, and activates the absorbing activity of the root system. Deficiency symptoms: on young, growing leaves or growth points, yellowing, necrosis, small leaves, elongation of petioles, growth suspension, maturation delay are observed.

The purpose of the treatments: increases the efficiency of the use of NPK fertilizers, promotes the mobilization of nutrient elements from the soil (calcium, magnesium, iron, microelements) and reduces the intake of radionuclides into the plant, increases the resistance of crops to adverse climatic conditions.

Sensitive to deficiency: rapeseed, turnip, radish, garlic, onion, cabbage, broccoli, mustard.

КомплеМет MICROELEMENTS

Fe

Iron in plants activates the processes of photosynthesis and respiration, catalyzes the initial stages of synthesis of chlorophyll. Deficiency is observed during waterlogging, on carbonate and overcalcified soils.

Deficiency symptoms: intense chlorosis of leaves, their rapid fall.

Sensitive to deficiency: fruit, citrus, grapes, legumes, corn, tomatoes, roses and ornamental plants.

Mn

Manganese is necessary for the normal course of photosynthesis, contributes to an increase in the content of sugars and their outflow from the leaves, and participates in nitrogen metabolism. The application is necessary on carbonate, heavily calcareous and other soils with a pH above 6,0.

Deficiency symptoms: punctate leaf chlorosis (the appearance of yellow spots between the veins, followed by the death of areas of chlorosis tissues). In cereals, chlorotic spots look like elongated stripes (gray spotting); in beets - the appearance of small spots on the leaf blade; in fruit trees - chlorosis disease, weak foliage.

Sensitive to deficiency: beets, root crops, cereals, potatoes, apple, cherries, raspberries.

Cu

Copper is involved in the water balance of plants - improves turgor, increases resistance to lodging, bacterial and fungal diseases, regulates nitrogen metabolism, protein synthesis. With the introduction of high doses of nitrogen, the need for copper increases.

Deficiency symptoms: growth and flowering retardation, chlorosis, loss of turgor, wilting of plants. In cereals - whitening and drying of the tips of the leaves, the ear does not develop, the stem gradually dries up; in fruit - dryness

Deficiency sensitive: wheat, barley, oats, flax, corn, carrots, beets, alfalfa, cabbage, fruit.

Zn

Zinc in plants regulates growth processes, carbohydrate metabolism, protein synthesis, and normalizes phosphorus metabolism. The need increases with the introduction of high doses of phosphate fertilizers, as well as on sandy, sandy loam, peaty and carbonate soils.

Deficiency symptoms: growth retardation of internodes and leaves, the appearance of chlorosis, the development of rosette. In apple, pear, walnut - rosette disease (the formation of small leaves at the ends of the branches, which are arranged in the form of a rosette); sweet cherry - the appearance of small, narrow and deformed leaves; in corn -whitening of the top.

Sensitive to deficiency: fruits, corn, flax, hops, legumes.

B

Boron is of great importance for the development of the reproductive organs of plants, enhances the growth of pollen tubes, pollen germination, increases the number of flowers and fruits, plays an important role in cell division, the development of the root system. Application is necessary in conditions of liming of acidic soils.

Deficiency symptoms: death of the growth point in dicots, stunting of shoots and roots, leaf blades thicken, twist, become brittle, flowers do not form, the development of the vascular system is disrupted, cells are poorly differentiated.

Sensitive to deficiency: sugar and fodder beet, alfalfa and clover (seed crops), flax, sunflower, hemp, vegetable and essential oil crops.

Mo

Molybdenum normalizes nitrogen metabolism in plants, catalyzes the reduction of nitrates, participates in the process of biological fixation of atmospheric nitrogen, affects the accumulation of ascorbic acid.

Deficiency symptoms: formation of pale spots between the veins of the leaf, growth retardation, plants become pale green in color, leaf blades are deformed and the leaves die prematurely, the formation of nodules on the roots is disturbed in legumes.

Sensitive to deficiency: legumes, root vegetables, rapeseed, cabbage, lettuce, spinach.

Co

Cobalt plays a specific role in the process of molecular nitrogen fixation, reduces the breakdown of chlorophyll in the dark, affects the accumulation of sugars, and increases the total content of nucleic acids in leaves.

Deficiency symptoms: leaf chlorosis, growth retardation, legumes have low nodule activity.

Deficiency sensitive: legumes, root vegetables, sugar beets, potatoes.

КомплеМет ORGANOMINERALS

AOS

New generation fertilizers enriched with **Active organic substances** are recommended for use in plant growing, horticulture, vegetable growing and ornamental crops as an anti-stress complex and for stimulating growth and development processes, 12,5-17% more effective than traditional KompleMet fertilizers.

The main substance that is part of AOS (20%) is alginic acid - an oligosaccharide that stimulates the synthesis of polyamines in plants, positively affecting the rate of cell division, increasing immunity and increasing the intensity of flowering and fertilization, thereby ensuring crop growth.

Due to the high content of phytohormones of the gibberellins group, the use of fertilizers with AOS leads to an increase in growth processes by 11-21%, and in fruit and vegetable crops to an increase in elasticity and stretching of the skin, which is a guarantee of high marketability of products.

The action of auxins in the composition of AOS is aimed at the development of the plant root system, the growth of lateral roots and the enhanced formation of root hairs, which are responsible for providing plants with water and nutrients, and cytokinins (adenine (6-aminopurine)) - to enhance cell division, stimulate branching and formation new shoots and roots.

Amino acids, which make up about 1,5% of AOS, are an important factor that maintains cell viability and the proper course of cellular processes, counteracts cell aging and the negative effects of stressors: heat and frost.

The effectiveness of fertilizers containing AOS in its composition is confirmed by the results of field experiments conducted on the basis of specialized research institutes and in production tests.

COMPLEX HELATED FERTILIZERS KOMPLEMET FOR PLANTS NUTRITION

Brand KompleMet	Content of batteries, g/l (g/dm³)												
	CaO* calcium	MgO* magnesium	Fe* ferrum	Mn* manganese	Cu* copper	Zn* zinc	B** boron	Mo* molybdenum	Co* cobalt	N_{total}** nitrogen	P_2O_5** phosphorus	K_2O** potassium	SO_4** sulfur
	not less than									not less than			
for individual crops and their groups													
Rapeseed				20	2,0	12	7,0	0,15	0,06	1,0	83	57	35
GH (Garden Horticulture)				10	9,0	15	4,5	0,15	0,05	5,5	79	83	14
Potato				15	12	8,0	7,0	0,15	0,05	9,8	83	99	14
Tomatoes			7,7	5,9	5,6	8,4	2,8	0,1	0,03	3,7	87	79	23
Cucumbers			10	4,6	4,0	7,8	5,0	0,1	0,03	3,2	91	78	25
Grain				20	5,0	15	4,5	0,15	0,05	9,2	96	105	14
Corn				10	2,5	30	4,0	0,15	0,05	2,4	97	85	14
Beet				25	4,0	6,0	7,0	0,15	0,05	11	87	106	14
Flax				10	5,0	25	7,0	0,15	0,05	3,9	92	85	14
Legumes				15	2,0	5,0	8,0	15	3,0	6,8	83	103	14
Blueberry		6,2	7,5	2,5	2,2	3,7	1,1	0,03	0,01	3,7	75	62	16
Cotton				10	5,0	25	10	0,15	0,05	70	90	80	14
Resource			5,6	14	5,6	9,0	0,5	0,7	0,05	14	100	120	23
with a separate element													
Ferrum+Zinc			15			15					73	41	25
Ferrum			30								80	39	51
Manganese				30						12	80	103	14
Copper					30					14	67	88	
Zinc						30					67	43	
Molybdenum								30		3,8	44	58	
Boron							150			65			
Calcium	200**	13**	0,3	0,5	0,45	0,75	0,23	0,015	0,005	125			0,46
Calcium Extra	130									40			
Calcium Form	70**						3,0						
Magnesium		50**								26			
Magnesium Extra		100								40			
PK											210	140	
PK-2											210	280	
PKMg		50								19	289	259	
Sulfur										87			300

COMPLEX HELATED ORGANOMINERAL FERTILIZERS KOMPLEMET FOR REANIMATION AND STIMULATION OF PLANT GROWTH

Brand KompleMet	Content of batteries, g/l (g/dm³)													
	CaO* calcium	MgO* magnesium	Fe* ferrum	Mn* manganese	Cu* copper	Zn* zinc	B** boron	Mo* molybdenum	Co* cobalt	N_{total}** nitrogen	P_2O_5** phosphorus	K_2O** potassium	SO_4** sulfur	active organic matter
	not less than									not less than				
Bud	50						3,0			50	200			100
Legumes Impulse				15	2,0	5,0	8,0	15	3,0	30	120	80	10	200
Grain Impulse				20	5,0	15	4,5	0,15	0,05	30	140	100	10	200
Corn Impulse				10	2,5	30	4,0	0,15	0,05	20	140	90	10	200
Rapeseed Impulse				20	2,0	12	7,0	0,15	0,06	25	120	80	10	200
Garden-Horticulture Impulse				10	9,0	15	4,5	0,15	0,05	20	110	75	10	200
Active		11,6	9,0	3,0	3,0	5,0	3,0	0,15	0,05	105	99	87	10	200
Start		17	12,5	3,5	4,0	7,0	4,5	0,15	0,05	25	180	70	10	200
Flax Impulse				11	4,5	30	3,0	1,0	0,05	30	155	110	10	200

COMPLEX HELATED FERTILIZERS KOMPLEMET FOR ORNAMENTAL PLANTS

Brand KompleMet	Content of batteries, g/l (g/dm³)												
	MgO* magnesium	Fe* ferrum	Mn* manganese	Cu* copper	Zn* zinc	B** boron	Mo* molybdenum	Co* cobalt	N_{total}** nitrogen	P_2O_5** phosphorus	K_2O** potassium	SO_4** sulfur
	not less than								not less than			
Universal for indoor plants	7,7	2,3	1,92	0,31	0,46	0,54	0,012	0,004	73	57	51	5,0
Orchid	8,3	1,67	1,39	0,22	0,33	0,39	0,008	0,003	63	57	51	3,6
For decorative deciduous plants	8,3	2,5	2,1	0,33	0,5	0,58	0,013	0,004	103	62	55	5,4
For decorative flowering plants	10	3,0	2,5	0,4	0,6	0,7	0,015	0,005	94	75	66	6,5
For ficuses and palms	7,1	2,14	1,79	0,29	0,43	0,5	0,011	0,004	63	53	47	4,6
Cactus	6,3	1,25	1,04	0,17	0,25	0,29	0,006	0,002	52	43	38	2,7
Citrus	6,3	2,5	2,1	0,33	0,5	0,58	0,013	0,004	53	50	44	5,4
For flower beds	10	1,5	2,0	0,5	1,5	0,45	0,015	0,005	84	71	64	3,9
Lawn	9,4		2,5	0,63	1,88	0,56	0,019	0,006	94	66	61	1,7
Needles	8,3	3,33	1,39	0,22	0,33	0,39	0,008	0,003	3,4	62	53	6,4
Rose	10	4,5	3,0	0,75	2,25	0,68	0,023	0,008	74	84	73	9,7
For camellias and azaleas	9,4	1,88	1,56	0,25	0,38	0,44	0,009	0,003	74	65	57	4,1
For roses and chrysanthemums	11	3,33	2,78	0,44	0,67	0,78	0,017	0,006	95	83	73	7,2
For ornamental shrubs	7,5	3,0	2,0	0,5	1,5	0,45	0,015	0,005	93	61	53	6,5

* - element in a chelated compound;
** - element in mineral or organomineral form.
Packing: 400 ml, 2 l, 20 l, 1000 l.

WINTER CEREALS

NOTES

WINTER CEREALS

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Autumn application				
Seed processing	Start	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 14-15 (emergence of 4-5 leaves)	PKMg	2[1]	-	Formation of adventitious roots on lateral shoots, increased tillering
BBCH 20-24 (tillering)	Resource	2	-	Increased tillering, increasing resistance to diseases, increasing winter hardiness
Spring application				
BBCH 21-24 (tillering)	PKMg+ Copper	2+1	1+0,5	Increased tillering, root development, formation of shoot density
BBCH 29-31 (tillering - the beginning of trumpeting)	Grain Impulse	2[2]	-	Increase in the area of leaves, the main axis of the ear and the number of spikelets
	Grain	-	2[2]	
BBCH 37-39 (flag leaf)	Grain+ «Ferrum+ Zinc»	2+1[2]	2[2]	Increase of flowers in spikelets, activation of chlorophyll synthesis
BBCH 73-75 (milky ripeness)	Copper	1[3]	-	Transfer of nitrogen from straw to grain and increased accumulation of protein in grain

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil;
[2] - together with fungicidal and/or insecticidal treatment;
[3] - +urea 6-8 kg/ha (gross weight).

Consumption of working solution 200-300 l/ha.

Notes .....

SPRING CEREALS

NOTES

SPRING CEREALS

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Start	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 14-21 (tillering)	PKMg+ Copper	2+1[1]	1+0,5[1]	Increased tillering, root development, formation of shoot density
BBCH 29-31 (tillering - the beginning of trumpeting)	Grain Impulse	2	-	Increase in the area of leaves, the main axis of the ear and the number of spikelets
	Grain	-	2	
BBCH 32-39 (hatching - when growing oats)	Boron	2	1	Increasing the number of grains in the panicle
BBCH 37-39 (flag leaf)	Grain+ «Ferrum+ Zinc»	2+1[2, 3]	2[2, 3]	Increase of flowers in spikelets, activation of chlorophyll synthesis
BBCH 73-75 (milky ripeness)	Copper	1[4]	-	Transfer of nitrogen from straw to grain and synthesis of proteins, increase in the mass and quality of grain

Highly recommended:

[1] - allowed in conjunction with herbicide treatment;
[2] - together with fungicidal and/or insecticidal treatment;
[3] - +urea 6-8 kg/ha (gross weight).
[4] - do not use when growing malting barley.

Consumption of working solution 200-300 l/ha.

Notes

1_10мм х 175мм

CORN

NOTES

CORN				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
BBCH 13-14 (3-4 leaves)	PKMg	2	-	Root development
BBCH 15-16 (5-6 leaves)	Corn	2	-	Development of the leaf apparatus, laying the size of the cob and its graininess
BBCH 16-18 (6-8 leaves)	Zinc	-	2	Development of the leaf apparatus, laying the size of the cob and its graininess
BBCH 18-20 (8-10 leaves)	Corn Impulse+ Ferrum	2+1	-	Development of the leaf apparatus, activation of chlorophyll synthesis
BBCH 51-59 (hatching)	Boron+ PKMg	2+1	-	Pollen tube growth, flower and pollen development, carbohydrate transport and cob filling

Consumption of working solution 200-300 l/ha.

Notes

1_10мм x 175мм

RECOMMENDED PROGRAMS FOR THE USE
OF COMPLEX FERTILIZERS KOMPLEMET

RICE, MILLET, SORGHUM

RICE, MILLET, SORGHUM				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Start	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 15-24 (tillering)	PKMg+ Grain	2[1]+2	1[1]+1	Increased tillering, root development, formation of shoot density. Increase the efficiency of photosynthesis and synthesis of protein, phosphorus mobility
BBCH 51-59 (hatching)	Grain+ Boron	2+1	1+0,5	Improvement of generative development, inflorescence formation, grain yield quality, especially in dry years

Highly recommended:
[1] - with a low content of mobile forms of phosphorus in the soil.

Consumption of working solution when spraying ground 200-300 l/ha.

RECOMMENDED PROGRAMS FOR THE USE
OF COMPLEX FERTILIZERS KOMPLEMET

BUCKWHEAT

BUCKWHEAT				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Start	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 20-29 (branching)	PKMg+ «Ferrum+ Zinc»	2+1	1	Branching amplification
BBCH 51-56 (budding)	Grain+ Boron+ Molybdenum	2+1+0,5	1+0,5	Support high growth rates and nutrient intake, formation of generative organs

Consumption of working solution 200-300 l/ha.

Notes .....

1_10мм x 175мм

LEGUMES

NOTES

PEAS, LUPINS, BROAD BEANS, CHICKPEAS, LENTILS AND OTHER LEGUMES

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Legumes Impulse	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 13-14 (3-4 true leaves)	PKMg+ Molybdenum	2+1[1]	1+0,5[1]	Growth and development of roots, normalization of nitrogen metabolism and development of nitrogen-fixing bacteria
BBCH 16-18 (6-8 leaves)	Legumes+ «Ferrum+ Zinc»	2+1	2	Increase the efficiency of photosynthesis, strengthening of growth processes
BBCH 51-59 (budding)	Legumes Impulse+ Boron	2+1[2]	-	Support high growth rates and nutrient intake, formation of generative organs
	Legumes	-	2[2]	
BBCH 69-70 (end of flowering)	Legumes+ Boron	2+1[2]	-	Formation and preservation of seeds

Highly recommended:
[1] - on acidic soils;
[2] - together with fungicidal and/or insecticidal treatment.

Consumption of working solution 200-300 l/ha.

Notes

SOYBEAN

NOTES

SOYBEAN				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Legumes Impulse	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 13-14 (3-4 leaves)	PKMg+ Molybdenum	2+1[1]	1+0,5[1]	Nodule bacteria development, nitrogen metabolism, increase the efficiency of photosynthesis
BBCH 20-29 (branching)	Legumes	2	2	Branching amplification
BBCH 51-59 (budding)	Legumes Impulse	2[2]	-	Intensive growth and development of the stem, the formation of leaves and generative organs
	Legumes	-	2[2]	
BBCH 69-75 (fruiting - pouring seeds)	Sulfur	3[3]	-	Increased productivity and protein content

Highly recommended:
[1] - on acidic soils;
[2] - together with fungicidal and/or insecticidal treatment;
[3] - +urea 6-8 kg/ha (gross weight).

Consumption of working solution 200-300 l/ha.

Notes

2_10мм x 140мм

PERENNIAL LEGUMES

NOTES

ALFALFA, CLOVER, SWEET CLOVER AND OTHER PERENNIAL LEGUMES

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Legumes	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 21-29 (branching)	PKMg+ Boron	2+1	1+0,5	Overcoming deficiency in the early stages of growth, restoration of carbohydrate balance, activation of growth, development of the root system
BBCH 51-59 (budding)	Legumes+ Boron	2+1[1]	1+1[1]	When grown for seed - increase in seed productivity
8-10 days after each mowing	Legumes+ PKMg	2+2	1+1	Growth of vegetative mass, normalization of nitrogen metabolism and development of nitrogen-fixing bacteria

Highly recommended:

[1] - when grown for seed.

Consumption of working solution 200-300 l/ha.

Notes

PERENNIAL GRASSES

FESCUE, TIMOTHY, RYEGRASS AND OTHER PERENNIAL GRASSES				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
In the spring - after regrowth	PKMg+ Grain	2[1]+2	1[1]+1	Overcoming deficiency in the early stages of growth, restoration of carbohydrate balance, activation of growth, development of the root system
8-10 days after each mowing	PKMg+ Grain+ «Ferrum+ Zinc»	2+2+1	2+1	Stimulation of chlorophyll synthesis, activation of growth

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil.

Consumption of working solution 200-300 l/ha.

Notes .....

LEGUME-GRASS MIXTURES

LEGUME-GRASS MIXTURES				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
BBCH 21-29 (branching/tillering)	PKMg+ Boron	2+1	1+0,5	Overcoming deficiency in the early stages of growth, restoration of carbohydrate balance, activation of growth, development of the root system
8-10 days after each mowing	PKMg+ Grain+ «Ferrum+ Zinc»	2+2+1	2+1	Growth of vegetative mass, normalization of carbohydrate and protein metabolism. Stimulation of chlorophyll synthesis, activation of growth

Consumption of working solution 200-300 l/ha.

Notes .....

3_10мм x 105мм

WINTER RAPESEED

NOTES

WINTER RAPESEED

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Autumn application				
BBCH 14-16 (4-6 leaves)	PKMg+ Boron	2[1]+1	1[1]+1	Root development, improving of overwintering, the laying of organs that determine the yield of rapeseed
BBCH 18-19 (8-9 leaves)	Boron+ Manganese	1[2]+1[3,4]	0,5[2]	Improving the development of roots and overwintering, increasing the content of carbohydrates
Spring application				
BBBB (after regrowth)	PKMg+ Boron	2+1[5]	1+0,5[5]	Root development, increasing resistance to spring frosts, optimizing phosphorus nutrition
BBCH 21-35 (development of lateral shots - stalking)	Rapeseed Impulse+ Borron+ «Ferrum+ Zinc»	2+1+1[6]	-	Activation of vegetative growth and branching, increase in the intensity of photosynthesis and metabolism
	Rapeseed	-	2[6]	Activation of vegetative growth and branching
BBCH 50-57 (budding)	Rapeseed+ Boron	-	2+0,5	Pollen tube growth, flower and pollen development, carbohydrate transport
	Rapeseed Impulse+ Boron	2+1	-	
BBCH 69-75 (pod formation)	Sulfur	2[7]	-	The formation and preservation of pods, the development of seeds in them

Highly recommended:
[1] - together with fungicide-growth regulator;
[2] - when overgrowing rapeseed, together with growth regulators;
[3] - on soils of low and medium availability;
[4] - on freshly limed soils;
[5] - allowed together with CAM;
[6] - together with fungicidal and/or insecticidal treatment;
[7] - +urea 6-8 kg/ha (gross weight).

Consumption of working solution 200-300 l/ha.

SPRING RAPESEED

NOTES

SPRING RAPESEED				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
BBCH 13-16 (leaf formation)	PKMg+ Boron	2[2]+1[1]	1[2]+0,5[1]	Improving the development of the root system, increasing the content of carbohydrates, formation and development of the leaf apparatus
BBCH 21-29 (development of lateral shots - stalking)	Rapeseed Impulse+ Boron	2+1[3]	-	Activation of vegetative growth and branching
	Rapeseed+ Boron	-	2+0,5[3]	
BBCH 21-35 (development of lateral shots - stalking)	«Ferrum+ Zinc»	1	-	Intensity of photosynthesis and metabolism
BBCH 51-59 (budding)	Rapeseed+ Boron	2+1[3]	1+0,5[3]	Intensive pod formation, increased oil content, uniform ripening
BBCH 69-75 (pod formation)	Sulfur	2[4]	-	The formation of pods and development of seeds in them

Highly recommended:
[1] - together with growth regulators;
[2] - with a low content of mobile forms of phosphorus in the soil;
[3] - together with fungicidal and/or insecticidal treatment;
[4] - +urea 6-8 kg/ha (gross weight).

Consumption of working solution 200-300 l/ha.

Notes

4_10мм x 70мм

SUNFLOWER

NOTES

SUNFLOWER				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Rapeseed	4 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 14-16 (4-6 leaves)	PKMg	2[1]	1[1]	Overcoming deficiency in the early stages of growth, restoration of carbohydrate balance, activation of growth, development of the root system
	Rapeseed+ Boron	2+1	-	
BBCH 18-20 (8-10 leaves)	Rapeseed+ Boron	-	2+1	Growth of vegetative mass, normalization of nitrogen metabolism
BBCH 51-53 (inflorescence formation)	Rapeseed Impulse+ Boron	2+1	-	Stimulation of flowering and fertilization, increase in the number and weight of seeds in the basket

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil.

Consumption of working solution 200-300 l/ha.

Notes

4_10мм x 70мм

FLAX

NOTES

FLAX				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Flax	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 16-19 («herringbone» phase)	Flax+ Boron	3+1	-	Strengthening growth and development, increase the efficiency of photosynthesis
	Zinc+ Boron	-	2+1	Strengthening growth and development, increase the efficiency of photosynthesis, increasing the yield and quality of fiber
BBCH 50-57 (budding)	Flax Impulse+ Boron*	3+1	-	Strengthening growth and development, increase the efficiency of photosynthesis, increasing the yield and quality of fiber
	Zinc+ Boron*	-	2+1	Development of generative organs, formation of pollen, increase in seed yield

Highly recommended:
* - for oil flax.

Consumption of working solution 200-300 l/ha.

Notes

4_10мм x 70мм

COTTON

NOTES

COTTON				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Start	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
BBCH 12-13 (2-3 true leaves)	PKMg	2[1]	1[1]	Strengthening growth and development of roots, formation of shoots
BBCH 51-59 (budding)	Cotton+ Ferrum	2+2	2+1	Support high growth rates and nutrient intake, formation of generative organs
BBCH 60-69 (beginning of flowering - full bloom)	Cotton+ Ferrum	2+2	2	Increasing the yield and quality of cotton fiber

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil.

Consumption of working solution 200-300 l/ha.

Notes

4_10мм x 70мм

SUGAR BEET

NOTES

SUGAR BEET				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
BBCH 14-15 (leaf formation 4-5 leaves)	PKMg+ Boron	2[1]+1	-	Stimulation of growth and development of the root system, the formation of leaves
BBCH 16-19 (leaf formation 6-8 leaves)	Beet+ Boron	3+2	2+1	Increase the efficiency of photosynthesis, high growth rate
BBCH 31-34 (beginning of closing rows)	Beet+ Boron+ Ferrum	3+2+1	2+1+1	Providing nutrition during the period of enhanced formation of the leaf apparatus and the increase in the mass of the root crop
BBCH 35-39 (closing rows)	Beet+ Boron	3+2[2]	2+1[2]	Increasing the lifespan of leaves that have finished growing, intensifying photosynthesis and the outflow of sugars into the root crop

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil;
[2] - no later than one month before cleaning.

Consumption of working solution 200-300 l/ha.

Notes

4_10мм x 70мм

POTATO

NOTES

POTATO				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Tuber processing	Potato	3 l/t	-	Stimulation of development of the root system, optimization of nutrition and growth
BBCH 11-19 (plant height 10-15 cm)	PKMg	2	-	Stimulation of development of the root system and tubers setting
BBCH 35-40 (closing row spacing - the beginning of the formation of tubers)	Calcium	2-3[1]	-	Vegetative development of plant, improvement of tuberization
	Potato+ «Ferrum+ Zinc»	2,5+1	2,5	Strengthening of growth processes, improvement of tuberization, increasing the yield and resistance to diseases
BBCH 51-61 (budding - beginning of flowering)	Calcium	2-3[1]	-	Increased yield and quality of tubers, improved tuber survival
	Potato+ Boron	2,5+1	2,5+1	Increased yield, increase in average tuber size
BBCH 65-69 (end of flowering)	Boron+ PKMg	1+2	1	Improving crop development, preventing internal browning of tubers
BBCH 75-79 (tuber growth)	Potato	2,5	-	Increase the content of dry matter and starch in tubers
BBCH 85-89 (tuber growth)	PKMg	2	-	Increase the content of dry matter and starch in tubers, increase marketability and shelf life of tubers

Highly recommended:

[1] - do not mix Calcium with other drugs.

Consumption of working solution 200-300 l/ha.

Notes

4_10мм x 70мм

SEEDLING

NOTES

SEEDLING				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
10 days after germination/ after picking	PKMg	2	1	Stimulation of development of the root system
7-10 days after previous treatment/ phase 2-4 true leaves	GH+ Ferrum	2+1[1, 2]	2[1]	Increase the efficiency of photosynthesis, high growth rate

Highly recommended:

[1] - when pulling seedlings with a lack of lighting and elevated temperature;
[2] - with leaf chlorosis;
* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

Notes

RECOMMENDED PROGRAMS FOR THE USE
OF COMPLEX FERTILIZERS KOMPLEMET

VEGETABLE CROPS

NOTES

CABBAGE

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Cabbage				
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
8-10 days after transplanting seedlings	PKMg+ Boron	2+1	1+0,5	Growth and development of the root system, of the leaf apparatus
20 days after transplanting seedlings	GH+ PKMg	2+1	2	Development of the leaf apparatus
	Sulfur	2	1	Overcoming chlorosis of young leaves, improving the development
During the period of tying of heads	Calcium+ Boron+ Molybdenum	3[1]+1+0,5	2[1]+0,5	Pouring heads, increasing resistance to diseases, increasing the density of the head
During the period of development of heads	GH+ Calcium	3+1[1]	2+0,5[1]	Pouring heads, increasing resistance to diseases, increasing the density of the head
Beijing				
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
8-10 days after transplanting seedlings	PKMg+ Boron	2+1	1+0,5	Growth and development of the root system, of the leaf apparatus
20 days after transplanting seedlings	GH+ PKMg+ Molybdenum	3+2+0,5	2	Development of the leaf apparatus, formation of denser and better heads
During the period of tying of heads	Calcium+ Ferrum+ Manganese	3[1]+1+1	2[1]+0,5+0,5	Pouring and increasing of denser heads, increasing resistance to diseases
During the period of development of heads	GH+ Calcium Extra	3+2[1]	2+1[1]	Pouring and increasing of denser heads, increasing resistance to diseases

CABBAGE

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Cauliflower, broccoli				
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
8-10 days after transplanting seedlings	PKMg+ Molybdenum	2+1	1+0,5	Growth and development of the root system, of the leaf apparatus
20 days after transplanting seedlings	CO+PKMg	3+2	2	Development of the leaf apparatus, formation of rose
30 days after transplanting seedlings	Boron+ Molybdenum	1+0,5	1	Development of the leaf apparatus, increasing resistance to diseases
During the formation of a rose	PKMg+ Calcium	2+3[1]	2+2[1]	The development of flowering shoots and the formation of the head, increasing resistance to diseases

Highly recommended:

[1] - do not mix Calcium with other drugs;

* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

CARROT

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
2-3 true leaves	PKMg	2	1	Growth and development of the root system, of the leaf apparatus
4-6 leaves	GH+ Boron	3+1	2+0,5	Development of the leaf apparatus, formation of the root crop

CARROT

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
8-10 leaves	GH+ Boron	3+1	2+0,5	Effective elimination of micronutrient deficiencies, high growth rates
Root growth	GH	3	-	Increase in yield and marketability of root crop

Highly recommended:

* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

BEANS, PEAS

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Legumes*	2 l/t	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
2-3 true leaves	PKMg	2	1	Growth and development of the root system, of the leaf apparatus
6-8 leaves	PKMg+ Molybdenum+ «Ferrum+ Zinc»	2+1+1	-	Growth and development of roots, normalization of nitrogen metabolism and development of nitrogen-fixing bacteria. Increase the efficiency of photosynthesis, strengthening of growth processes
Budding	Legumes+ Boron	2+1	2+1	Support high growth rates and nutrient intake, formation of generative organs
Full bloom	Legumes+ Boron	2+1	2+0,5	Formation and preservation of seeds

Highly recommended:

* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

ONION, GARLIC

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing/soaking seedlings (bulbs)	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
2-4 tubular leaves	PKMg+ Boron	2+1	1	Growth and development of the root system, of the leaf apparatus
6-8 tubular leaves	Manganese+ Molybdenum	1+0,5	-	Increase the efficiency of photosynthesis and synthesis of protein, phosphorus mobility and root growth
	Sulfur	2	1	Overcoming chlorosis of young leaves, improving the development
Formation of the bulb	GH+ Sulfur	2+2	1+1	Increasing the mass of the bulb
Growth of the bulb	PKMg+ Copper+ Zinc	2+1+1	1+0,5+0,5	Increasing the mass of the bulb, increasing resistance to diseases

Highly recommended:

* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

TABLE BEET

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	Beet*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
Leaf formation 4-5 leaves	PKMg+ Boron	2+1	-	Stimulation of growth and development of the root system, the formation of leaves
Leaf formation 6-8 leaves	Beet+ Boron+ Ferrum	3+2+1	2+1	Increase the efficiency of photosynthesis, high growth rate

TABLE BEET

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Beginning of closing rows	Beet+ Boron	3+2	2+1	Providing nutrition during the period of enhanced formation of the leaf apparatus and the increase in the mass of the root crop
Closing rows	Beet+ Boron	3+2	2+1	Increasing the lifespan of leaves that have finished growing, intensifying photosynthesis and the outflow of sugars into the root crop

Highly recommended:

* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

Notes

CUCUMBER (PUMPKIN)

NOTES

CUCUMBER (PUMPKIN)				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
6-8 leaves	PKMg+ Boron	2+1	1	Growth and development of the root system, of the leaf apparatus
Budding - flowering	Cucumbers+ Boron+ PKMg	3+1+1	3+1	Increase the efficiency of photosynthesis and synthesis of sugars, phosphorus mobility and root growth
	Magnesium Extra	2[1]	1[1]	Increase the efficiency of photosynthesis, increase in yield and quality of fruits
Fruit growth	Cucumbers+ PKMg+ Boron	2+2+1	1+1+0,5	Increase in yield and marketability of fruits

Highly recommended:

[1] - do not mix Magnesium with other drugs;

* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

Notes

5_10мм x 35мм

WATERMELON

NOTES

WATERMELON

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
6-8 leaves	PKMg+ Boron	2+1	1	Growth and development of the root system, of the leaf apparatus
Beginning of flowering	Magnesium Extra	2[1]	1[1]	Increase the efficiency of photosynthesis, increase in yield and quality of fruits
The beginning of the formation of ovaries	GH+ PKMg+ Boron	3+1+1	3+1	Increase the efficiency of photosynthesis and synthesis of sugars, phosphorus mobility
Fruit formation (one month before harvest)	GH+ PKMg+ Boron	2+2+1	1+1+0,5	Formation and preservation of the ovary

Highly recommended:

[1] - do not mix Magnesium with other drugs;
* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

Notes

5_10мм x 35мм

TOMATO AND OTHER NIGHTSHADE CROPS

NOTES

TOMATO AND OTHER NIGHTSHADE CROPS

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Tomato, pepper, eggplant				
Seed processing	GH*	2 ml/kg	-	Stimulation of development of the root system and optimization of nutrition in the early stages of growth
	Tomatoes*	-	2 ml/kg	
8-10 days after transplanting seedlings	PKMg	2	1	Growth and development of the root system, of the leaf apparatus, increasing resistance to adverse factors
	Ferrum	1	-	Growth and development of the leaf apparatus, photosynthesis activation
	Sulfur	2	1	Improving the development of vegetative mass, increasing the yield
Before flowering	GH+Boron	3+1	-	Development of the generative organs, improve the quality of flowering
	Tomatoes+ Boron	-	2+1	
Budding - beginning of flowering	Magnesium Extra	2[1]	1[1]	Increase the efficiency of photosynthesis, increase in yield and quality of fruits
Flowering - the formation of the ovary	GH	3	-	Improvement of fruits set, increased ovary preservation
	Tomatoes	-	2	
Fruit growth	Calcium	5[2]	3[2]	Prevention of tip rot development
Fruit ripening	GH+PKMg	3+2	-	Improved fruit color and quality, increased yield
	Tomatoes	-	2	
	Calcium	5[2]	3[2]	Prevention of tip rot development

Highly recommended:

[1] - do not mix Magnesium with other drugs;
[2] - do not mix Calcium with other drugs;
* - working solution - 1 part of fertilizer to 4 parts water. Seed treatment is carried out by spraying the prepared solution onto the surface of the seeds until completely wetted.

Consumption of working solution 200-300 l/ha.

5_10мм x 35мм

RECOMMENDED PROGRAMS FOR THE USE OF COMPLEX FERTILIZERS KOMPLEMET

APPLE, PEAR

NOTES

APPLE, PEAR

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Mouse ear	Zinc+ PKMg	2+2	1+1	Increasing resistance to low temperatures, the synthesis of phytohormones
Bud extension - green bud	«Ferrum+ Zinc»+ Boron	2+1	2	Increasing resistance to low temperatures, the synthesis of phytohormones and chlorophyll
Pink bud	Bud	2	1	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
Buds open - beginning of flowering	GH+ Boron	4+1	2+1	Increased fruit set and ovary preservation
End of flowering - shedding of petals	Bud	2[1]	1[1]	Ovary preservation, reduced losses from summer fruit reduction
End of flowering - the formation of the ovary	Calcium	4[2, 4]	4[2, 4]	Formation of the fetus, prevention of physiological diseases of the fetus
The closure of the sepals in the fruit - a fruit the size of a hazel	GH Impulse	2	-	Increase in fetal size
	GH	-	2	
	Calcium	5[2, 6]	5[2, 6]	Prevention of physiological disorders of the fetus (bitter pitting, etc.)
Walnut fruit	GH	3-4[3]	3[3]	Fruit growth, fouling wood formation, bud differentiation
	Calcium	5[2, 4]	5[2, 4]	Prevention of physiological disorders of the fetus (bitter pitting, etc.)
Fruit growth (2-4 treatments with an interval of 7-10 days)	Calcium Form	4-7[2, 4]	4-7[2, 4]	Prevention of physiological disorders of the fetus (bitter pitting, etc.)
1 week after harvest	Zinc+ Boron	2+1[5]	-	Carbohydrate metabolism and accumulation of plastic substances in overgrown wood, increasing winter and frost resistance
2 weeks after harvest	PKMg	2	-	Stimulation of growth and development of the root system, bud differentiation
After the first hard frost	Zinc+ Boron	2+1[6]	-	Increasing winter and frost resistance, prevention of the development of diseases

Highly recommended:
[1] - +2% urea solution;
[2] - do not mix Calcium with other drugs;
[3] - together with chemical treatments;
[4] - dosage and frequency of application depends on the varietal response;
[5] - +0,5-0,7% urea solution;
[6] - +5-7% urea solution.

Consumption of working solution 300-1000 l/ha.

RECOMMENDED PROGRAMS FOR THE USE
OF COMPLEX FERTILIZERS KOMPLEMET

STONE FRUITS

NOTES

STONE FRUITS

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Mouse ear	Zinc	2	-	Increasing resistance to low temperatures, the synthesis of phytohormones
Bud extension - green bud	«Ferrum+ Zinc»	2	1	Increasing resistance to low temperatures, the synthesis of phytohormones and chlorophyll
Budding - beginning of flowering	Bud	2	1	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
Buds open - beginning of flowering	GH+Boron	3+1	2+1	Increased fruit set and ovary preservation
End of flowering - shedding of petals	Bud	2	1	Ovary preservation, reduced losses from summer fruit reduction
End of flowering	Calcium	4[1]	4[1]	Formation of the fetus, prevention of physiological diseases of the fetus
Fruit growth (2-3 treatments with an interval of 7-10 days)	Calcium Form	4-7[1]	4-7[1]	Formation of the fetus, prevention of physiological diseases of the fetus
After harvest	PKMg	2[2]	-	Stimulation of growth and development of the root system, bud differentiation
After the first hard frost	Zinc+ Boron	2+2[3]	-	Increasing winter and frost resistance, prevention of the development of diseases

Highly recommended:

[1] - do not mix Calcium with other drugs;
[2] - +0,5-0,7% urea solution;
[3] - +5-7% urea solution.

Consumption of working solution 300-1000 l/ha.

Notes .....

GARDEN STRAWBERRY

NOTES

GARDEN STRAWBERRY

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
The beginning of regrowth - the appearance of young leaves	«Ferrum+ Zinc»	2	-	Increasing resistance to low temperatures, the synthesis of phytohormones
	PKMg	2[1]	2[1]	Improving the growth and development of plants, stimulation the laying of reproductive organs
Promotion of inflorescences - isolation of buds	GH+ Boron	3+2	2+1	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
Beginning of flowering	Calcium	5[2]	3[2]	Prevention of fruit deformation, increase in the density of berries
End of flowering	Calcium	5[2]	3[2]	Improving the consumer and commercial qualities of berries, increasing their shelf life
The formation of the ovary - fruit growth	GH	3	2	Improving the consumer and commercial qualities of berries, increasing in average berry weight
After harvest	«Ferrum+ Zinc»+ Boron	2+1	-	Accumulation of plastic substances, increasing winter and frost resistance

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil;
[2] - do not mix Calcium with other drugs.

Consumption of working solution 200-400 l/ha.

Notes

RASPBERRY, BLACKBERRY

NOTES

RASPBERRY, BLACKBERRY

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
The beginning of regrowth	PKMg	2	-	Stimulation of development of the root system and optimization of nutrition
Shoot growth - budding	«Ferrum+ Zinc»+ Boron	2+1	2+1	Increase the efficiency of photosynthesis, strengthening of growth processes
Budding - beginning of flowering	Bud	2	1	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
Beginning of flowering	Calcium	5[1]	3[1]	Prevention of fruit deformation, increase in the density of berries
End of flowering	Calcium	5[1]	3[1]	Improving the consumer and commercial qualities of berries, increasing their shelf life
Fruiting	GH Impulse	2	-	Improving the consumer and commercial qualities of berries, increasing in average berry weight
	GH	-	2	
After harvest	«Ferrum+ Zinc»+ Boron	2+1	-	Accumulation of plastic substances, increasing winter and frost resistance

Highly recommended:

[1] - do not mix Calcium with other drugs.

Consumption of working solution 200-500 l/ha.

Notes

RECOMMENDED PROGRAMS FOR THE USE OF COMPLEX FERTILIZERS KOMPLEMET

BLUEBERRY

NOTES

BLUEBERRY				
Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Swelling - buds open	PKMg+ «Ferrum+ Zinc»	2+2	1+1	Stimulation of development of the root system and optimization of nutrition, increasing resistance to low temperatures the synthesis of phytohormones
Appearance of the first leaves	Blueberry	3	-	Increase the efficiency of photosynthesis, strengthening of growth processes
Leaf development	Blueberry+ Boron	3+1	2+1	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
Pink bud - beginning of flowering	Calcium+ Boron	3[1]+1	3[1]+1	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
	Blueberry	3	-	Increasing the safety of flowers and ovary, bush habit improvement
Fall of flowers - early green fruits	Calcium	3[1]	3[1]	Improving the consumer and commercial qualities of berries, increasing in average berry weight
Late green fruit - coloring of berries	Calcium	3[1]	1[1]	Improving the consumer and commercial qualities of berries, increasing their shelf life
After harvest	«Ferrum+ Zinc»+ PKMg+ Boron	2+2+2[2]	1+1+1[2]	Differentiation of fruit buds, accumulation of plastic substances, increasing winter and frost resistance

Highly recommended:

[1] - do not mix Calcium with other drugs;
[2] - +0,5-0,7% urea solution.

Consumption of working solution 200-500 l/ha.

Notes .....

CURRANT AND GOOSEBERRY

NOTES

CURRANT AND GOOSEBERRY

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Kidney swelling - green cone	PKMg	2[1]	-	Stimulation of development of the root system and optimization of nutrition
Promotion of inflorescences - isolation of buds	«Ferrum+ Zinc»+ Boron	2+1	2+1	Increase the efficiency of photosynthesis, strengthening of growth processes
Budding - beginning of flowering	Bud+ GH	2+2	1+2	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
Pouring berries	GH Impulse	2	-	Improving the consumer and commercial qualities of berries, increasing in average berry weight
	GH	-	2	
After harvest	«Ferrum+ Zinc»+ PKMg	2+2[2]	1+1[2]	Differentiation of fruit buds, accumulation of plastic substances, increasing winter and frost resistance

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil;
[2] - +0,5-0,7% urea solution.

Consumption of working solution 200-500 l/ha.

Notes

RECOMMENDED PROGRAMS FOR THE USE OF COMPLEX FERTILIZERS KOMPLEMET

GRAPE

NOTES

GRAPE

Processing time (phenophase)	Brand KompleMet	Application scheme, l/ha		Expected result
		extended	basic	
Swelling - bud break	«Ferrum+ Zinc»+ PKMg	2+2[1]	1+1[1]	Stimulation of growth and development of the root system, increasing resistance to low temperatures the synthesis of phytohormones
Shoot growth	GH+ «Ferrum+ Zinc»	3+1	2+0,5	Stimulation of growth and development of the root system, increasing resistance to low temperatures the synthesis of phytohormones
Formation and growth of inflorescences - beginning of flowering	Bud	2	1	Stimulation of flowering and fertilization, increasing the safety of flowers and ovary
beginning of flowering	Boron	1	1	Improve the quality of flowering, improvement of berry set, uniform filling of brushes
Berry growth (2-3 treatments with an interval of 7-10 days)	Calcium	5[2]	3[2]	Improving the consumer and commercial qualities of berries
	GH Impulse	2	-	Increase in average berry size and bunch weight
	GH	-	2	
Ripening berries	PKMg	2[1]	-	Improving the consumer and commercial qualities of berries, increasing in average berry weight
After harvest	«Ferrum+ Zinc»+ Boron	2+1	1+1	Differentiation of fruit buds, accumulation of plastic substances, increasing winter and frost resistance

Highly recommended:

[1] - with a low content of mobile forms of phosphorus in the soil;
[2] - do not mix Calcium with other drugs.

Consumption of working solution 200-500 l/ha.

Notes .....

MISCIBILITY OF FERTILIZERS KOMPLEMET AND PESTICIDES

The use of KompleMet fertilizers in tank mixtures with plant protection products (PPP) allows saving funds for treatments and, in some cases, achieving a synergistic effect, reducing the hectare dosage of the drug by 10-20%.

Fertilizers KompleMet* contain nutrient elements in the form of chelates, due to which they are sufficiently inert with respect to pesticide solutions. Before using them, you should familiarize yourself with the basic rules for mixing drugs:

1. When mixing KompleMet fertilizers with PPPs represented by dry preparative forms (wettable powders, waterdispersible granules, water-soluble bags), the preparation of the tank mixture begins with PPP: the sprayer tank is filled 1/3-1/2 with water, the agitator is turned on and dissolved pesticides. After their complete dissolution, water is added and fertilizers are added.

2. If oil-based plant protection products are used in the tank mixture, they are added only after complete dissolution of dry preparations and only then KompleMet fertilizers are added. The addition of oil-based PPPs to the fertilizer solution in some cases leads to stratification of the working solution. Mixing oil-based PPP and KompleMet Boron can cause segregation of the working solution, so it is imperative to check compatibility before mixing them.

3. Water-based products should be added to the tank mix after all ingredients have been dissolved.

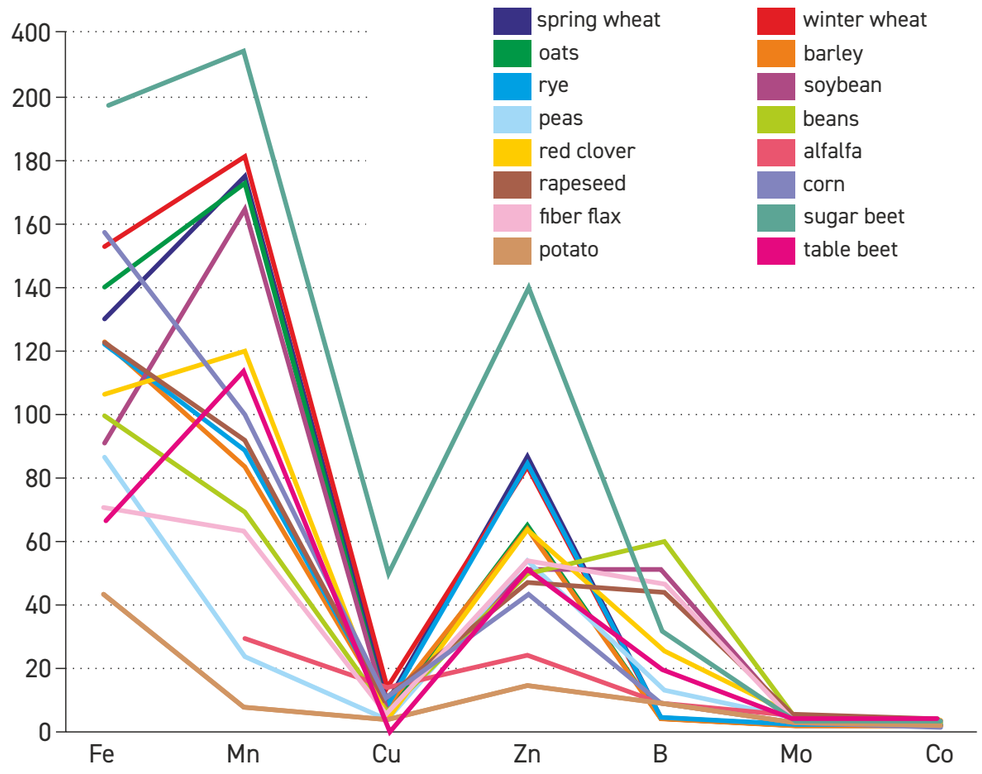
4. Avoid mixing calcium fertilizers with organophosphate pesticides. This can be the cause of both separation of the solution and burns of cultivated plants.

* KompleMet Calcium, KompleMet Calcium Form, KompleMet Magnesium are presented in the form of a mineral salt.

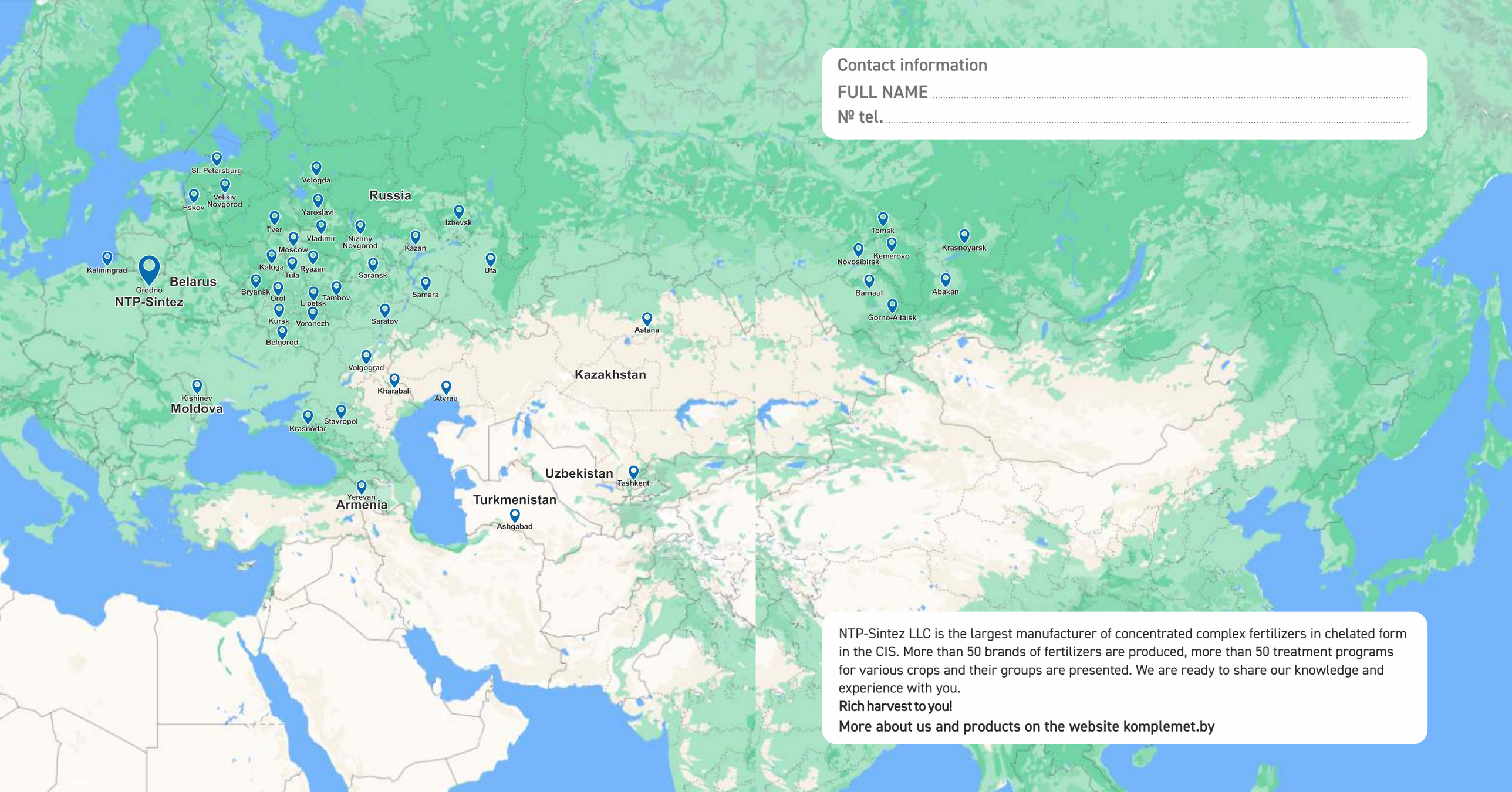
To check the compatibility of drugs, fill the container with water from the same source as in the sprayer tank. Add drugs and add water in the same sequence and ratio as in the sprayer tank. Mix the solution thoroughly and let it stand for 20-30 minutes. Assess visually the homogeneity of the mixture.

Brand KompleMet	Rapeseed	GH (Garden Horticulture)	Potato	Tomatoes	Cucumbers	Grain	Corn	Beet	Flax	Legumes	Blueberry	Cotton	Resource	Ferrum+Zinc	Ferrum	Manganese	Copper	Zinc	Molybdenum	Boron	Calcium	Calcium Extra	Calcium Form	Magnesium	Magnesium Extra	PK	PK-2	PKMg	Sulfur	Bud	Legumes Impulse	Grain Impulse	Corn Impulse	Rapeseed Impulse	Garden-Horticulture Impulse	Active	Start	Flax Impulse
Rapeseed	+																																				
GH (Garden Horticulture)	+	+																																			
Potato	+	+	+																																		
Tomatoes	+	+	+	+																																	
Cucumbers	+	+	+	+	+																																
Grain	+	+	+	+	+	+																															
Corn	+	+	+	+	+	+	+																														
Beet	+	+	+	+	+	+	+	+																													
Flax	+	+	+	+	+	+	+	+	+																												
Legumes	+	+	+	+	+	+	+	+	+	+																											
Blueberry	+	+	+	+	+	+	+	+	+	+	+																										
Cotton	+	+	+	+	+	+	+	+	+	+	+	+																									
Resource	+	+	+	+	+	+	+	+	+	+	+	+	+																								
Ferrum+Zinc	+	+	+	+	+	+	+	+	+	+	+	+	+	+																							
Ferrum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																						
Manganese	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																					
Copper	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																				
Zinc	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																			
Molybdenum	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																		
Boron	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+																	
Calcium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+																
Calcium Extra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+															
Calcium Form	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	+	+														
Magnesium	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	+													
Magnesium Extra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	+	+												
PK	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+											
PK-2	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+										
PKMg	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+									
Sulfur	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	+	-	+	+	+	+	+	+								
Bud	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+							
Legumes Impulse	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+						
Grain Impulse	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	+					
Corn Impulse	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+				
Rapeseed Impulse	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+			
Garden-Horticulture Impulse	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+		
Active	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	
Start	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+
Flax Impulse	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+

SPECIFIC CONTENT OF ELEMENTS IN CULTURES, MG/KG



FOR GARDEN AND VEGETABLE GARDEN



Contact information

FULL NAME .....

№ tel. .....

NTP-Sintez LLC is the largest manufacturer of concentrated complex fertilizers in chelated form in the CIS. More than 50 brands of fertilizers are produced, more than 50 treatment programs for various crops and their groups are presented. We are ready to share our knowledge and experience with you.

Rich harvest to you!

More about us and products on the website komplemet.by