BERES®- 4 SUPER HUMATE WITH MICROELEMENTS UNIVERSAL WITH NITROGEN 13%

COMPOSITION:	g/l	%
humic acids	20	1,92
fulvic acids	9	0,87
nitrogen (N)	135	13
phosphorus (P)	0,014	0,0013
potassium (K)	5,9	0,57
magnesium (Mg)	0,093	0,0089
sulfur (S)	0,3	0,029
calcium (Ca)	7,59	0,73
sodium (Na)	0,053	0,0052
zinc (Zn)	0,4	0,039
copper (Cu)	0,031	0,003

	g/l	%
manganese (Mn)	0,143	0,014
iron (Fe)	0,694	0,067
molybdenum (Mo)	0,071	0,007
cobalt (Co)	0,133	0,013
nickel (Ni)	0,112	0,011
silicon (Si)	0,051	0,005
selenium (Se)	0,051	0,005
iodine (I)	0,041	0,004
boron (B)	0,173	0,017

pH 8,5
density 1,04 g/cm^3

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organomineral fertilizer based on potassium salts of humic acids with macro- and microelements with increased nitrogen content in a form easily accessible to plants. Nitrogen is the most important building material for proteins, amino acids, chlorophyll, and vitamins. Increases the green mass of plants, determines the level of productivity. Necessary for plants throughout the vegetation season.

Natural growth stimulator with high biological activity. Anti-stress agent, immunomodulator, adaptogen.

Increases germinating energy and field germination rate of seeds. Stimulates the growth and development of the root system. Activates metabolic processes and the immune system of plants. Helps overcome pesticide and other stresses more quickly. Increases the utilization rate of nutrients from mineral fertilizers. Activates soil microflora. Helps increase productivity and improve the quality of crop products.

PREPARATION FORM:
liquid

PACKAGING:
canister
10 l, 5 l, 1 l

CONSUMPTION RATES:
0,2 l per 1 ton of seeds
0,4 - 0,8 l per 1 hectare of crops

Crop	Seed treatment	Application phases		
Spring and winter grains	seed dressing	tillering - beginning of stem elongation	flag leaf - ear formation	flowering - beginning of milky ripeness
Corn	seed dressing	appearance of 3-8 leaves	booting	heading of panicles
Buckwheat	seed dressing	first pair of true leaves - branching	budding	flowering, fruit formation
Peas, chickpeas, soybeans, lentils, beans	inoculation, seed dressing	seedlings - leaves of the first tier	leaves of the second - fourth tier	budding - beginning of flowering, formation of pods
Rapeseed, mustard, winter cress spring and winter	seed dressing	formation of a leaf rosette - branching	stem growth - beginning of budding	budding - beginning of flowering, formation of pods
Flax, camelina	seed dressing	herringbone	budding, flowering	seed ripening
Sunflower	seed dressing	2-4 pairs of true leaves	6-8 pairs of true leaves	forming ananthode - beginning of flowering
Sugar beet and table beet	seed dressing	2-4 pairs of true leaves	4-8 pairs of true leaves - closing of crops in rows	closing of crops between rows
Potato	steeping of tubers before planting for 15 hours	sprouting - plant height 10-15 cm	stem growth, budding	flowering - tuber formation
Solanaceae (tomatoes, peppers, eggplants)	steeping of seeds before sowing for 18-20 hours	appearance of 2-4 leaves	active growth - formation of set	filling of fruits - ripening
Cabbage	steeping of seeds before sowing for 15 hours	2-3 days after planting the seedlings	4-5 true leaves - beginning of glome setting	loaf formation
Carrot	steeping of seeds before sowing for 15 hours	sprouting - formation 1-2 true leaves	active leaf growth	root growth, root formation
Onion, garlic, radish	steeping of seeds before sowing for 15 hours	appearance of 2-3 leaves	active vegetative growth	beginning of formation - growth of root bulb
Fruit and berry	steeping of sprigs, seedlings before planting for 12-24 hours	flower heads phase	before flowering	growth of fruit inception
Grapes	steeping of sprigs, seedlings before planting for 12-24 hours	budding	after flowering	ripening of berries
Flower and decorative crops	steeping of tubers, bulbs, cuttings, seeds before planting for 15 hours	sprouting - 2-3 leaves	appearance of 5-7 leaves	budding

HOW TO USE:

- treatment of seeds and planting material together with a disinfectant, or independent application;

- foliar, root feeding, fertigation, drip irrigation - together with plant protection agents, or independent application.