

**HIGH EFFECTIVE PRODUCT** 

FOR PROFFESSIONAL MARKET





#### POTASSIUM HUMATE «SAKHALINSKY» MARK WS20

Mass share of active ingredients:

- Biological active ingredients, including: salts of humic and fulvic acids, amino acids and other 190 gr/l / no less then 15%
- K2O 35 gr/l / 3%
- Microelements (Si, Fe, Mg, S, Zn, Co, Cu, Mn) 20 gr/l / 2%

Production package: plactic jerrican: 20 liters, 10 liters, 5 liters, 1 liter

#### **SODIUM HUMATE «SAKHALINSKY» MARK WS20**

#### **Mass share of active ingredients:**

- Biological active ingredients, including: salts of humic and fulvic acids, amino acids and other 190 gr/l / no less then 15%
- Na2O 35 gr/l / 3%
- Microelements (Si, Fe, Mg, S, Zn, Co, Cu, Mn) 20 gr/l / 2%

Production package: plactic jerrican: 20 liters, 10 liters, 5 liters, 1 liter





### **HUMATE «SAKHALINSKY» - high effective fertilizer of complex action:**



#### **Works upon growth and development of plants:**

- strengthens the root system;
- ensures the supply and circulation of nutrients in plants, leading to growth inscreasing;
- shortens the growing season, quickens flowering;
- increases the amount and quality of buds, fruits, other



#### Strengthens the immune system of plants:

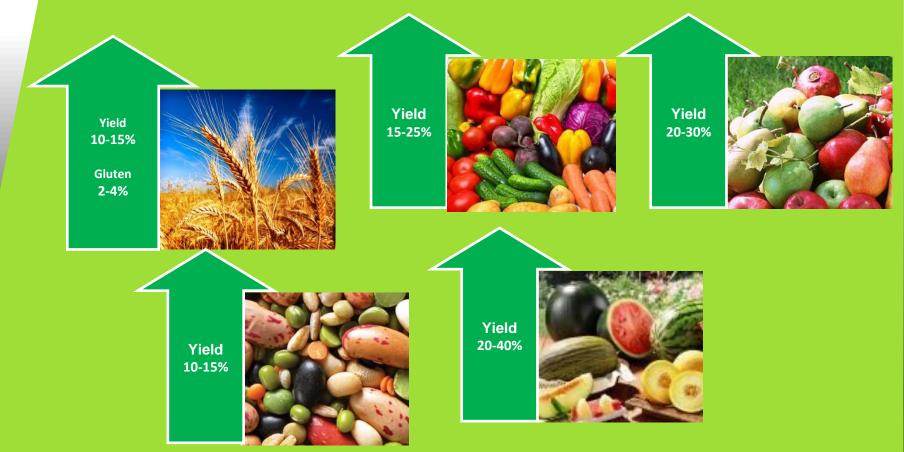
- protects plants from pathogens of many diseases;
- protects against bad weather conditions (drought, frost, flood);
- protects against the effects of toxic chemicals (reduces stress of crops after pesticide treatment)





**HUMATE «SAKHALINSKY» - high effective fertilizer of complex action:** 

improves the quality of grown products and increases the yield

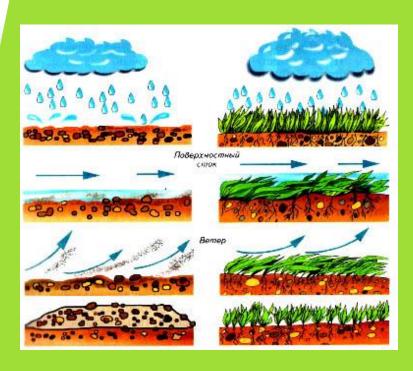






**HUMATE «SAKHALINSKY» - high effective fertilizer of complex action:** 

**Humate has a beneficial effect on soils:** 



increases moisture capacity of light and water permeability of heavy soils;

increases gas permeability of heavy soils and enhances the mobility of soil phosphorus;

binds heavy metals, taking them out of biological cycle, neutralizes pesticides effect.





**HUMATE «SAKHALINSKY» - high effective fertilizer of complex action:** 

HUMATE «SAKHALINSKY» does not need to change agrotechnology.

HUMATE «SAKHALINSKY» can be used together with herbicides, fungicides, insecticides.

**HUMATE «SAKHALINSKY»** improves the usage efficiency of mineral fertilizers















**HUMATE «SAKHALINSKY» - high effective fertilizer of complex action:** 

**HUMATE** «SAKHALINSKY» can be used in tank mixture for:

leaves nutrition/ soil dressing

0,3-1,0 liters per 1 Ha



cultivation/ recultivation of poor soils 10-20 liters per 1 Ha







Effectivity of HUMATE «SAKHALINSKY» was studied and proofed in reports of leading research centers of Russian Federation:



The All-Russia Scientific Research Institute of Agricultural Chemistry of D.N. Pryanishnikov



**Moscow State University of M.V.Lomonosov** 



The All-Russia Scientific Research Institute of Legumes and Groat Crops of Orlovskoe

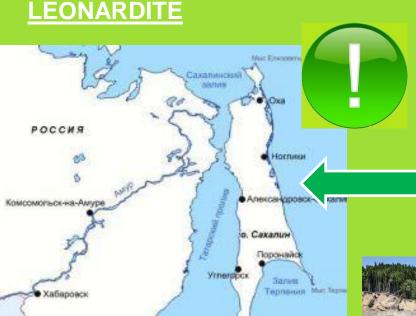


The Research Institute for Fertilizers and insectofungicides of Y.V.Samoylov





#### Raw material for HUMATE «SAKHALINSKY» production is



Японское мискем

MODE

Холмск . Южно-Сахалинск

Против Лаперуза

Leonardite - oxidized lignite in natural conditions with a high content of humic acids. The best source of raw material for humic substances production.

Leonardite obtains by GC «Sakhalinsky Humates» on Sakhalin island, Russian Federation









# Leonardite is obtained on Sakhalin island containing max concentration of humic and fulvic acid

Natural sources	Min-Max concentration of humic and fulvic acid, %
Leonardite	40-85
Black Peat	10-40
Sapropel	10-20
Brown Coal	10-30
Dung	5-15
Compost	2-5
Soil	1-5
Sludge	1-5
Hard Coal	0-1





HUMATE «SAKHALINSKY» is <u>certified</u> according to the existing legislation of Russian Federation and it is <u>entered in the list of legal agro products</u>



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**HUMATE «SAKHALINSKY» Mark WS20 produces** and <u>distributes</u> by companies which are in Group of Companies

Group of Companies «Sakhalinsky Humates» was based in year 2000

The aim of GC <u>«Sakhalinsky Humates»</u> - creation and development of domestic high-effective and eco-friendly products, made on leonardite base, obtained on Sakhalin island, Russian Federation

**LLC «Sakhalinsky Humates»** - a trading company of GC «Sakhalinsky Humates» www.humate-sakhalin.ru

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