



Сахалинские Гуматы

HIGH EFFECTIVE PRODUCT
FOR PROFESSIONAL MARKET

HUMATE «SAKHALINSKY» MARK WS20



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 than 15%**
- **K₂O – 35 gr/l / 3%**
- **Microelements (Si, Fe, Mg, S, Zn, Co, Cu, Mn) – 20 gr/l / 2%**

Production package: plastic jerrycan: 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 than 15%**
- **Na₂O – 35 gr/l / 3%**
- **Microelements (Si, Fe, Mg, S, Zn, Co, Cu, Mn) – 20 gr/l / 2%**

Production package: plastic jerrycan: 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 increasing;
- 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

Yield
10-15%

Gluten
2-4%



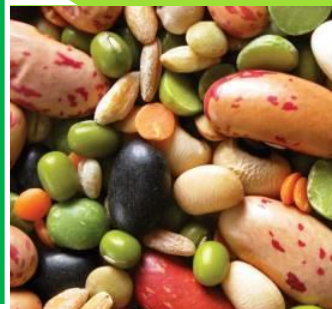
Yield
15-25%



Yield
20-30%



Yield
10-15%



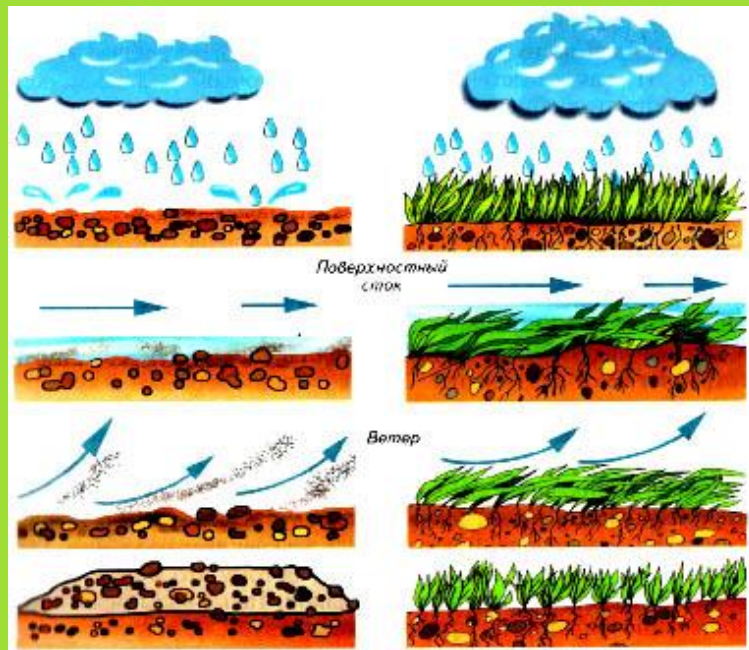
Yield
20-40%





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» MARK WS20



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



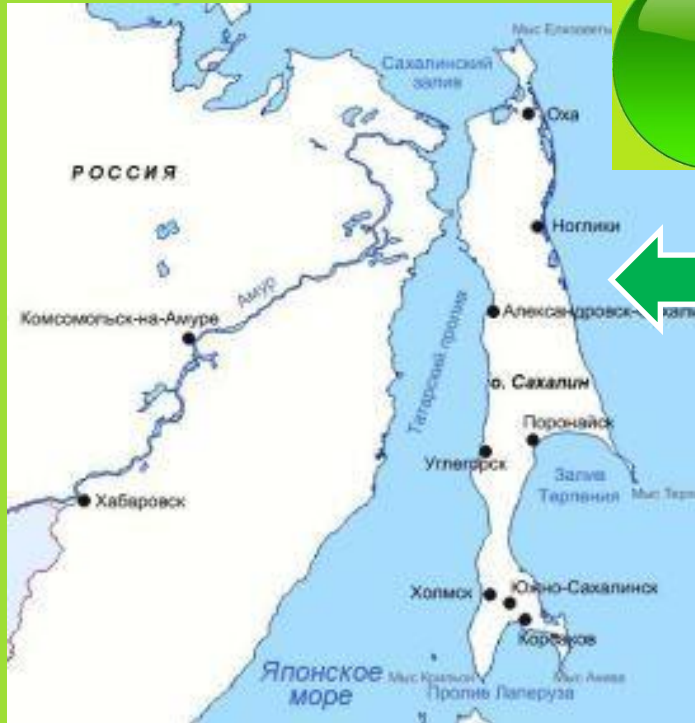
**The All-Russia Scientific Research Institute of
Legumes and Groat Crops of Orlovskoe**



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



**Raw material for HUMATE «SAKHALINSKY» production is
LEONARDITE**



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 certified according to the existing legislation of Russian Federation and it is entered in the list of legal agro products



HUMATE «SAKHALINSKY» MARK WS20



HUMATE «SAKHALINSKY» Mark WS20 produces and distributes by companies which are in Group of Companies

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

The aim of GC «Sakhalinsky Humates» - 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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