SCHELKOVO AGROHIM

Schelkovo Agrohim
Zavodskaya street 2
141108 Schelkovo
Russia
+7 495 745 0551, 745 0198
info@betaren.ru

Potassium Humate Sufler

Grade SL 20%.

The minimum mass fraction of organic matter is 11%, with potassium ranging from 2.0–3.5%.

An organo-mineral fertilizer based on humic acids.

Advantages:

— Enhances plant resistance to diseases.

— Increases both germination energy and the rate of seed germination.

— Mobilizes and improves the plant's immune response.

— Stimulates the growth and development of a vigorous plant root system.

— Increases crop yield

Action

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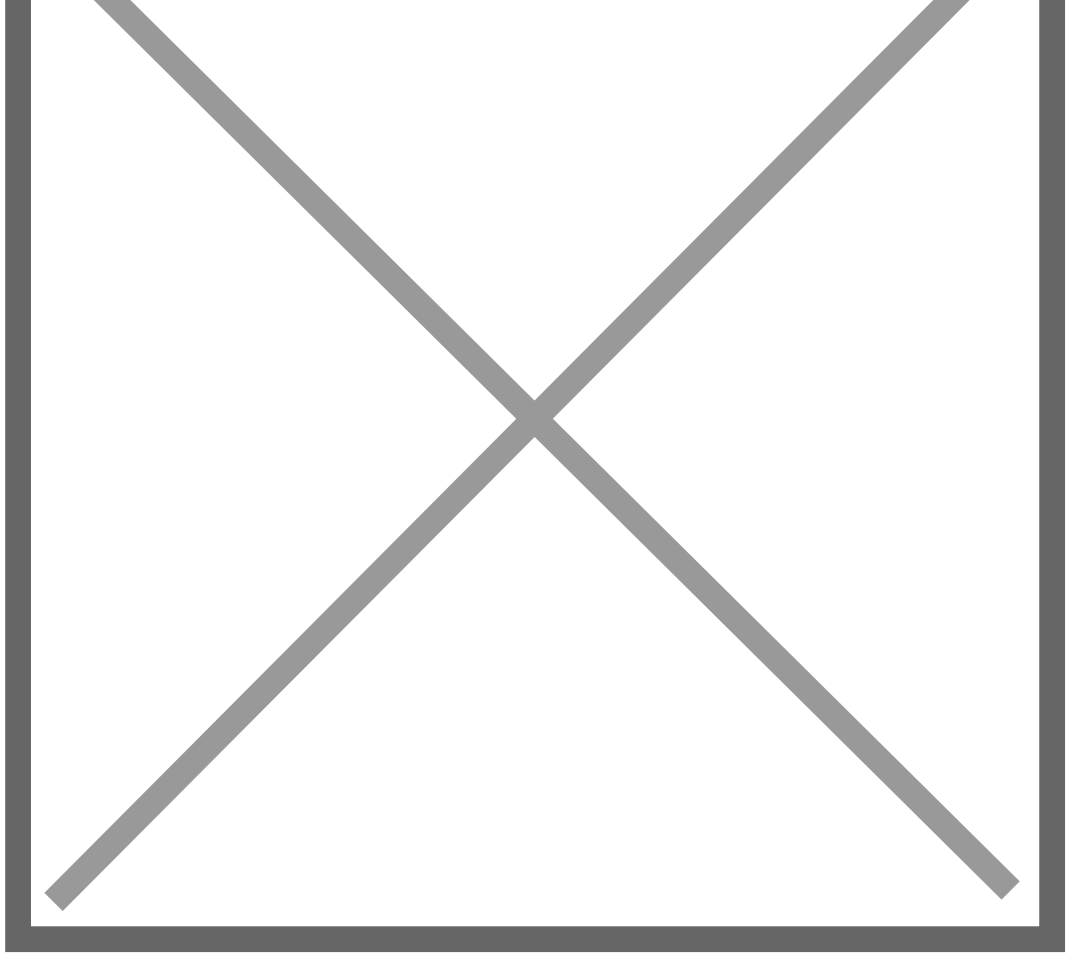
Laboratory studies

— Effect from potassium humate Sufler on the development of sprouts and root system of cereal crops

— Effect from foliar dressing with potassium humate Sufler on growth and development of the test crop (sunflower, Mercury hybrid, 14 days after treatment)



— Effect from pre-planting seed treatment with potassium humate Sufler on emergence of even sprouts (test crop – pea, Pharaoh sort)

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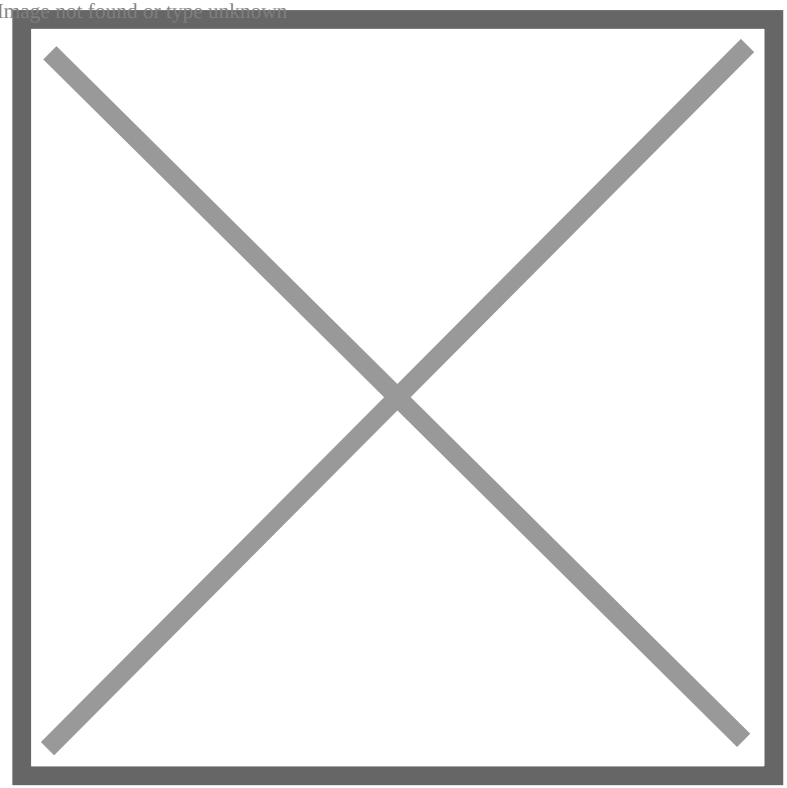

Usage regulations

Crops	Consumption rate	Agrochemical application timing
All crops	10-20 l/ha Mix consumption – 800-1000 l/ha	Soil treatment before plowing (cultivation)

Cereals	0.3 l/t Mix consumption – 10 l/t	Pre-planting seed treatment
Cereal, grain legume, industrial, and oilseed crops	0.5-1.3 l/t Mix consumption – 10 l/t	Pre-planting seed treatment
Potato	1 l/t Mix consumption – 40 l/t	Pre-planting tuber treatment
Vegetable, vine flower and decorative crops	100-125 ml/kg Mix consumption – 1 l/kg	Seed soaking for 24 h
Winter and spring wheat, barley, oats, buckwheat, and other cereal crops	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	Foliar dressing at tillering – start of tubing stage, and at blossoming – start of milky ripeness stage
Maize	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	Foliar dressing at emergence – 3-5 leaves stage and at paniculation – blossoming stage
Rice	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	At tillering – start of tubing stage, and at blossoming – start of milky ripeness stage
Sugar beet	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	At 2-3 leaves pairs stage and 4 leaves pairs stage
Soybeans	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	At start of blossoming and in 10-15 days

Potato	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	At 5-7 leaves stage and budding stage
Sunflower	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	At 3-4 leaves stage and every 10-15 days
Tomato, cucumber	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	After transplantation or at 2-3 leaves stage (for field-seeded method) and every 10-20 days
Carrot and other edible roots	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	At 2-3 leaves stage and every 10-20 days
Cabbage	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	In 3-5 days after transplantation and every 10-12 days
Melon crops (water melon, melon, etc.)	0.25-0.3 l/ha Mix consumption – 50-300 l/ha	At 2-3 leaves stage (for field-seeded method) and every 10-20 days

Prepare the mix immediately before use. Fill the sprayer tank with water to 2/3, add full dose of humate while slowly stirring, and top up with water to design volume, stir the mix and apply as dressing.
Prepare the mix and fill the sprayer on dedicated sites that are disinfected afterwards.
Pre-planting seed treatment of cereals, grain legumes, potato and industrial crops should be performed in treatment units.
Soil dressing should be performed using water dropping systems and sprinkling machines.
Foliar dressing – using commercially available ground-based boom sprayers.
Seed soaking of vegetable, vine, flower and decorative crops – using dedicated tanks.
Pre-planting seed treatment and plan dressing may be carried out using both individual substances and mixes with single-component or complex mineral fertilizers or pesticides.

General information

Hazard class

Hazard class 3, moderately hazardous substance

Storage conditions

5 years

Storage temperature

-20°C to +30°C

Packaging

10 L canister

Registrant

Schelkovo Agrohim, Russia

Manufacturer

Schelkovo Agrohim, Russia