



PRODUCTS FOR
ORGANIC GROWTH

VERMAKTIV Stimul, Auxiliary Herbal Preparation. Registration number: **2983**.

Chemical and physical properties:

Dry matter: 6.0% - 10.0%

Total nitrogen: 0.5% - 2.0%

Free amino acids: 0.5% - 2.5%

The content of risk elements meets the limits set by law in mg/kg: cadmium 1, lead 10, mercury 1, arsenic 20, chromium 50.

VERMAKTIV Stimul is a liquid, vermicompost extract in an alcoholic-water acid solution that contains enzymes, amino acids, cytokinins, auxins, anthranilic acid, aminoacetic acid, humic substances, and trace elements. VERMAKTIV Stimul improves the condition of plants and increases their resistance to adverse factors, promotes rooting, growth, flowering, and the amount of harvestable stock. It has a positive effect on seed germination and plant emergence. VERMAKTIV Stimul does not contain an effective amount of plant nutrients and does not replace fertilisers.

Large area use:

Recommended dose of concentrated preparation for field crop is 4 - 5 litres per 1 hectare. For application, dilute with water in the ratio from 1 ml VERMAKTIV Stimul : 150 ml of water up to 1 ml VERMAKTIV Stimul : 1000 ml of water. Apply the mixture to the leaf with sprayers with slot nozzles at a pressure of 250 to 400 kPa. We recommend that plants be treated out of direct sunlight. Use VERMAKTIV Stimul no later than 24 hours after dilution. Remainder of solution may be added to the soil surrounding the flora.

Application time:

Winter grains: 1st application in the autumn, with temperatures above 10 °C, when tillering is near completion. 2nd application in the spring, at the beginning of stem elongation. Final application in 2 - 3 weeks.

Potatoes: 1st application in the stage 20 - 30 cm high plants at full foliage. 2nd and 3rd application after 2-3 weeks.

Cucumbers: 1st application at stem length of 0.5 m. 2nd - 3rd application after 2 - 3 weeks.

Fruit trees: 1st application at full foliage. 2nd application in 2 - 3 weeks. Do not apply to full bloom.

Hops: 1st application at 0.5 m height plant growth, 2nd application at 1.5 - 2 m plant height.

Grapes: 1st application before flowering, 2nd - 3rd application after 2 - 3 weeks, after flowering.

The stated application dates must be adapted to the development of the plant and the nature of the weather.

Small area use:

Apply the spray on the leaf with common hand and backpack sprayers. 5 ml of VERMAKTIV Stimul mixed in 0.5 l of water to treat 10 m² of area. We recommend that plants be treated out of direct sunlight.

Dilution and application time:

Vegetables: 1 ml : 150 ml. 1st application at plant height of 15 cm. 2nd - 3rd application after 2 weeks.

Cucumbers: 1 ml : 150 ml. 1st application at stage of 4 - 6 leaves. After 2 - 3 weeks, for a total of 4 applications.

Tomatoes: 1 ml : 150 ml. 1st application at 15 cm stand height. Total of 3 applications after 2 weeks.

Potatoes: 1 ml : 100 ml. 1st application at 23 - 30 cm in height. Further application after 2 weeks.

Fruit trees: 1 ml : 150 ml. 1st application at full foliage. 2nd application in 2 - 3 weeks. Do not apply to full bloom.

Strawberries: 1 ml : 150 ml. 1st application before flowering. 2nd application after two weeks.

Ornamental trees: 1 ml : 150 ml. Three applications in the early stages at 3 week intervals.

Vineyard: 1 ml : 150 ml. 1st application before flowering. 2nd - 3rd application after flowering in intervals of 2 - 3 weeks.

Lawns: 1 ml : 200 ml. Continuous application in intervals of 3 weeks.

The stated application dates must be adapted to the development of the plant and the nature of the weather.

Soak the seeds before sowing for 24 hours at a dilution of 1 ml : 200 ml.

Instructions for safety and health at work:

Maintain health and safety standards (do not eat, drink, or smoke during application). Use protective clothing and gloves. Wash hands and face with water after application and treat skin with a repair cream, if needed.

First aid:

In case of contact with eyes, rinse immediately with water. In case of skin contact, wash with water and soap. If swallowed, rinse mouth and drink large quantities of water. In more severe cases of exposure, if swallowed, or allergic reactions, seek medical attention.

Storage conditions:

The product must be stored in a dark, cool place within the temperature range +1 °C to 30 °C, in undamaged packaging. Keep separate from food and feed. Keep out of reach of children.

The product is delivered packaged.

Package volume: stated on the package label.

The empty packaging is intended for recycling.

Shelf life: 2 years from the date of manufacture.

Production batch number:

Date of manufacture:

Detailed Dosing Schedule:

Apply by spray to leaf

Species	Spraying Schedule	Concentration	Spraying Schedule	Concentration	Spraying Schedule	Spraying Schedule
Orchids	seedling	1 : 500	The beginning of bud creation	1 : 1000	Harvest of flowers	1 : 1000
Roses	seedling	1 : 500	The beginning of bud creation	1 : 500	Harvest of flowers	1 : 1000
Gerberas	seedling	1 : 500	The beginning of bud creation	1 : 500	Harvest of flowers	1 : 1000
Tulips	bulbs	1 : 200	The beginning of bud creation	1 : 500	Harvest of flowers	1 : 200

Species	Spraying Schedule	Concentration	Spraying Schedule	Concentration	Spraying Schedule	Concentration
Decorative shrubs - conifers	In the beginning vegetation period	1 : 200	-	-	July - August	1 : 500
Conifers	In the beginning vegetation period	1 : 500	-	-	July - August	1 : 1000

Species	Spraying Schedule	Concentration	Spraying Schedule	Concentration	Spraying Schedule	Concentration
Corn / Maize	sowing	1 : 200	30 days after germination	1 : 500	-	-
Oats	sowing	1 : 200	30 days after germination	1 : 1000	-	-
Cereal / Grains	sowing	1 : 200	30 days after germination	1 : 500	-	-

Plants in greenhouses with water mist

Species	Spraying Schedule	Concentration	Spraying Schedule	Concentration	Spraying Schedule	Concentration
Orchids	daily	1 : 2000	1x in 7 days	1 : 1500	1x in 14 days	1 : 1000
Roses	daily	1 : 1000	1x in 7 days	1 : 1000	1x in 14 days	1 : 600
Gerberas	daily	1 : 1500	1x in 7 days	1 : 1000	1x in 14 days	1 : 800
Tulips	daily	1 : 1500	1x in 7 days	1 : 1000	1x in 14 days	1 : 800
Tomatoes	daily	1 : 1000	1x in 7 days	1 : 900	1x in 14 days	1 : 600
Cucumbers	daily	1 : 1000	1x in 7 days	1 : 900	1x in 14 days	1 : 600
Vegetables	daily	1 : 1000	1x in 7 days	1 : 900	1x in 14 days	1 : 600



This product can be used in organic agriculture under Council Regulation (ES) No 834/2007 and Commission Regulation (ES) No 889/2008 for the production and labeling of organic products.