

pH < 6,0; Free humic acids - 24%
Organic matter in the dry substance - 40%



European Patent Application
20 186 721.5

**New: Since 2020 approved
for use in the European
Union!**



Organic Plant Additive

on the basis of raised bog peat mud
liquid formulation

Hybrid Innovation

«Stimulanz - Konzentrat»

Approved according to §9 DMG 1994 (Austrian Law)
Business Number: **BAES-DMT-2020-0457-06**



For the pre-sowing treatment of seeds,
for young plants as well as for root treatment
and plant spraying during the entire vegetation period
**for all kinds of crops in the open and
protected ground**

For more information, please visit
our regional website
www.evin-rajskivrt.si

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1 PRODUCT FEATURES



The “**Hybrid Innovation - Stimulanz - Konzentrat**” is a highly concentrated, environmentally friendly, liquid and water-soluble formulation based on raised bog peat mud. It has a high content of micro-elements that are easily accessible to the plants.

The «**Stimulanz – Konzentrat**» does not contain any chemical salts, pathogenic forms of microflora or harmful toxic elements. Furthermore, it does not belong to any group of pesticides and agrochemicals.

Because of these peculiarities, it is recommended for "organic" farming, for the production of environmentally friendly plant products and for the cultivation of tea, tobacco and coffee, where the use of chemical growth stimulants is prohibited.



Due to a high proportion of fulvic acids (organic matter in dry substance - 40%, free humic acids - 24%) the «**Stimulanz-Konzentrat**» is a natural growth promoter. In contrast to all alkaline sodium and potassium humates, where the pH of these salts is higher than pH 7, the pH of the natural organic humino - fulvic acid - mixture is less than pH 6. Similar concentrations of nutrients and bioactive components are not contained in any other organic plant additive.

In contrast to other growth stimulants, the «stimulant concentrate» restores the fertile soil layer.

In addition, it effectively increases the immunity and reduces the stress level of plants after they have been treated with chemical pesticides.



2 APPLICATION

The "Hybrid Innovation - Stimulanz - Konzentrat" is intended for all types of cultivated plants. It is suitable in all soil climates and in all stages of plant growth and development.

From seed treatment before sowing to spraying during vegetation on open and sheltered ground, as well as for soil cultivation after harvest.

The recommended consumption for single spraying is no more than 1 liter per 1 hectare.

At the same time, only two to three treatments are required during the entire growing season.

The consumption of plant additives as a seed treatment amounts to approximately 1 liter per 1 ton of seeds, depending on the type of plant. An overdose of «Stimulanz-Konzentrat» is harmless to the plants.



The «Stimulanz-Konzentrat» is used as part of the planned treatments in the form of a working solution, both on its own and in a mixture with pesticides and soluble fertilizers.

It can be used in modern drip irrigation systems and hydroponics.

In order to rule out possible clogging of nozzles and water pipes, the «Stimulanz-Konzentrat» must be mixed into the aqueous solution in a ratio of one third of plant additive and two thirds of water.

The previously deposited sand particles can easily be removed.



3 BENEFITS



- Environmentally friendly agricultural production and increasing crop yields:
 - grain up to 20%
 - potatoes up to 40%
 - vegetables up to 60%
- Improving the quality of agricultural products:
 - Improvement of the taste
 - Preservation of vitamins in vegetables
 - Increase of gluten in wheat by 3-5%
 - Increase in sugar in sugar beets by 20%
- The seed treatment with the "stimulant concentrate" increases the roots and stems of the seedlings:
 - soybeans by 120%
 - peas by 100%
 - corn by 37%
 - rice by 33%
- Improvement of the shelf life;
- More efficient nutrient absorption;
- Stimulation of the growth and development of the plants, as well as shortening the ripening time until harvest by 5 to 10 days;
- Reduction of the use of mineral fertilizers by 30-50% and guarantee of stress reduction after the application of chemical pesticides:
 - after treatment with pesticides, the plant restoration phase is reduced from 7-10 days to only 1-2 days;
- Greater resistance and improved immunity of plants against bacterial and fungal diseases;
- Strengthening the root system of the plants and thus higher resistance to harmful environmental factors (e.g. extreme temperatures, drought, waterlogging, freezing);
- Increased soil fertility and better germination of seeds;
- Restoration of the humus layer, the microflora and the soils polluted by industrial products.



4 RECOMMENDATION FOR APPLICATION

Seed treatment / Treatment during the vegetation period



CEREALS AND LEGUMES:

Wheat, rye, barley, oats, buckwheat, rice, peas, beans, lentils, maize (for seed production)

TECHNICAL CULTURES:

Soybean, sugar beet, sugar cane, rapeseed, sunflower, cotton

VEGETABLES AND MELONS:

Tomatoes, cucumber, beetroot, cabbage, carrots, radishes, eggplant, zucchini, pumpkins, onion, garlic, watermelon, melon, pumpkin

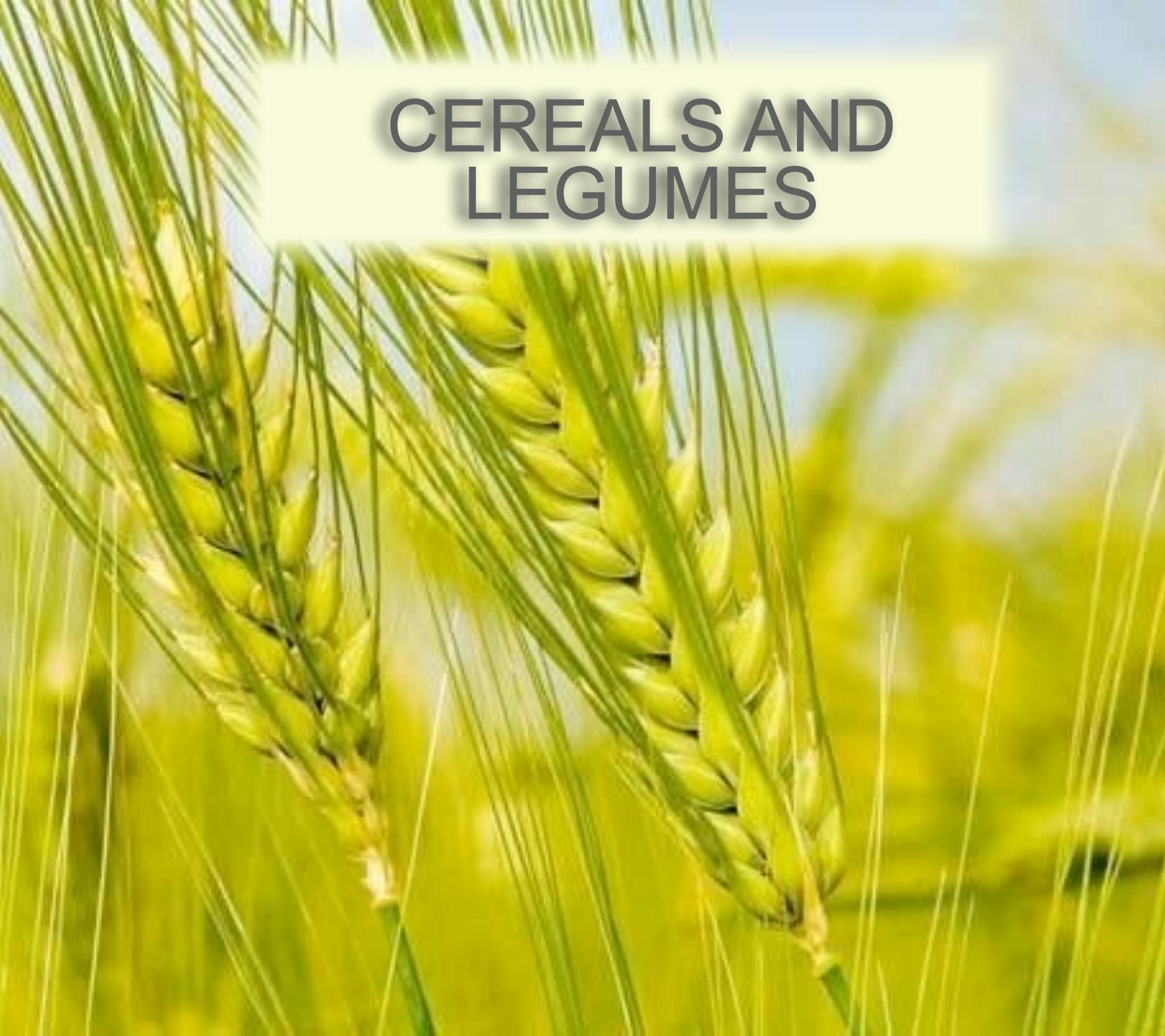
FEED PLANTS: Maize (silage, green fodder), clover, alfalfa, cereal grasses (common ball grass, meadow fescue, meadow fleece), vetch and oat mix, natural hayfields and grazer

FRUIT: Apple tree, pear, cherry, plum, peach, apricot, quince, citrus fruits

BERIES: raspberries, currants, honeysuckle, gooseberries, grapevines, strawberries



CEREALS AND LEGUMES



Wheat, rye, barley, oats

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz-Konzentrat» in 10 liters of water</p> <p>Consumption of working solution: 10 liters per 1 ton of seeds.</p>	<p>Twofold spraying: - tillering phase - flowering phase</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz-Konzentrat» in 50-300 liters of water</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

buckwheat

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution – Dilute 1000 ml «Stimulanz – Konzentrat» in 10 liters of water</p> <p>Consumption of working solution - 10 liters per 1 ton of seeds.</p>	<p>Twofold spraying: in phase of appearance of the first leaf; in phase of appearance of inflorescences.</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz – Konzentrat» in 50-300 liters of water</p> <p>Recommended consumption rate 50-300 liters per 1 ha.</p>

rice

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz – Konzentrat» in 10 liters of water</p> <p>Consumption of working solution - 10 liters per 1 ton of seeds.</p>	<p>Twofold spraying: • tillering phase; • booting phase.</p> <p>Preparation of working solution - Dilute 1000 ml «Stimulanz – Konzentrat» in 50-300 liters of water</p> <p>Recommended consumption rate – 50- 300 liters per 1 ha.</p>

peas, beans, lentils

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 200 ml of «Stimulanz – Konzentrat» in 15l of water.</p> <p>Recommended consumption rate 15 Liter pro 1 Tonne Samen.</p>	<p>Threefold spraying • in the phase of 3-5 leaves; • in the phase of 6-8 leaves; • in the flowering phase.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 * l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

maize (for seed production)

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz – Konzentrat» in 10 liters of water</p> <p>Recommended consumption rate 10 Liter pro 1 Tonne Samen.</p>	<p>Threefold spraying • in the germination phase -the appearance of the third leaf; • a phase vymotyvaniya panicle - flowering; • in the phase of wax ripeness.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 liters of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

TECHNICAL CULTURES:



Soybean

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz – Konzentrat» in 10 liters of water</p> <p>Recommended consumption rate 10 Liter pro 1 Tonne Samen.</p>	<p>Threefold spraying:</p> <ul style="list-style-type: none">• in the phase of 3-5 leaves;• in the phase of 6-8 leaves;• blooming phase <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 * l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

sugar beet, sugar cane

	<p>sugar beet: Seed treatment sugar cane: Stalk treatment</p> <p>sugar beet: Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>sugar cane: Soak the stalks for 24 hours. Immerse the stalks on third in the working solution.</p> <p>Preparation of working solution sugar beet: Dilute 200 ml of «Stimulanz – Konzentrat» in 15 l of water. sugar cane: Dilute 150 ml «Stimulanz – Konzentrat» in 20 liters of water</p> <p>Recommended consumption rate sugar beet: 15 liters per 1 ton of seeds. sugar cane: 20 liter / 1000 pieces.</p>	<p>Treatment during the vegetation period</p> <p>Twofold spraying: • in the phase of 2-3 real leaves; • at the stage of closing plant leaves in rows;</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>
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rapeseed

	<p>Seed treatment</p> <p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 10 liters of water</p> <p>Recommended consumption rate 10 liters per 1 ton of seeds</p>	<p>Treatment during the vegetation period</p> <p>Twofold spraying: • in the phase of the leaf rosette; •beginning of blooming</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>
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sunflower

	<p>Seed treatment</p> <p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz – Konzentrat» in 10 liters of water</p> <p>Recommended consumption rate 10 liters per 1 ton of seeds</p>	<p>Treatment during the vegetation period</p> <p>Threefold spraying: - plantlet phase; - in the phase of 3-4 leaves; - 12-15 days after last spraying.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>
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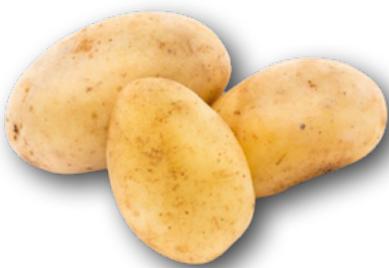
cotton

	<p>Seed treatment</p> <p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml «Stimulanz – Konzentrat» in 10 liters of water</p> <p>Recommended consumption rate 10 liters per 1 ton of seeds</p>	<p>Treatment during the vegetation period</p> <p>1-2 times in combination with other agricultural measures to protect plants from diseases, weeds, pests</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>
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POTATOES, VEGETABLES AND MELONS



potatoes

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment of the tubers Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 500 ml «Stimulanz – Konzentrat» in 40 Liters of water</p> <p>Recommended consumption rate 40 Liters per 1 ton of seed</p>	<ul style="list-style-type: none">- in the phase of 6-8 leaves;- budding phase- blooming phase <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 liter of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha.</p>

tomatoes, cucumber

	Seed treatment	Treatment during the vegetation period
Soak the seeds for 15 hours Apply before sowing as a mixture with pesticides or solo	Threefold spraying: in the phase of 3-4 real leaves 2. and 3. time with a difference in 12-15 days.	
Preparation of working solution Dilute 100 ml of «Stimulanz – Konzentrat» in 10 liter of water.	Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 liters of water.	
Recommended consumption rate 10 liters /10 kg of seeds.	Recommended consumption rate 50-300 liters / 1 ha	

beetroot

	Seed treatment	Treatment during the vegetation period
Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo	Twofold spraying: - 2-3 leafs; - closing of the leafs of plants in rows.	
Preparation of working solution Dilute 200 ml «Stimulanz – Konzentrat» in 15 liters of water	Preparation of working solution Dilute 1000 ml «Stimulanz – Konzentrat» in 50-300 liters of water	
Recommended consumption rate 15 liters per 1 ton of seeds.	Recommended consumption rate 50-300 liters per 1 ha	

cabbage, salads

	Seed treatment	Treatment during the vegetation period
Soak the seeds for 10 hours	Threefold spraying: - 2-3 days after landing; - whorl of the head; - after 10-12 days.	
Preparation of working solution Dilute 100 ml of «Stimulanz – Konzentrat» in 10 liters of water.	Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 liters of water.	
Recommended consumption rate 10 liters per 10 kg of seeds.	Recommended consumption rate 50-300 liters per 1 ha	



carrots, radishes



Seed treatment	Treatment during the vegetation period
<p>Soak the seeds for 10 hours</p> <p>Preparation of working solution Dilute 100 ml of «Stimulanz – Konzentrat» in 10 l of water.</p> <p>Recommended consumption rate 10 Liter pro 10 kg Samen.</p>	<p>Threefold spraying: - plantlet phase; - 3-4 leafs; - after 12-15 days.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

eggplant, zucchini

Seed treatment	Treatment during the vegetation period
<p>Soak the seeds for 15 hours</p> <p>Preparation of working solution Dilute 100 ml of «Stimulanz – Konzentrat» in 10 l of water.</p> <p>Recommended consumption rate 10 Liter pro 10 kg Samen.</p>	<p>Threefold spraying: • 3-4 leafs; • budding phase; • blooming stage.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

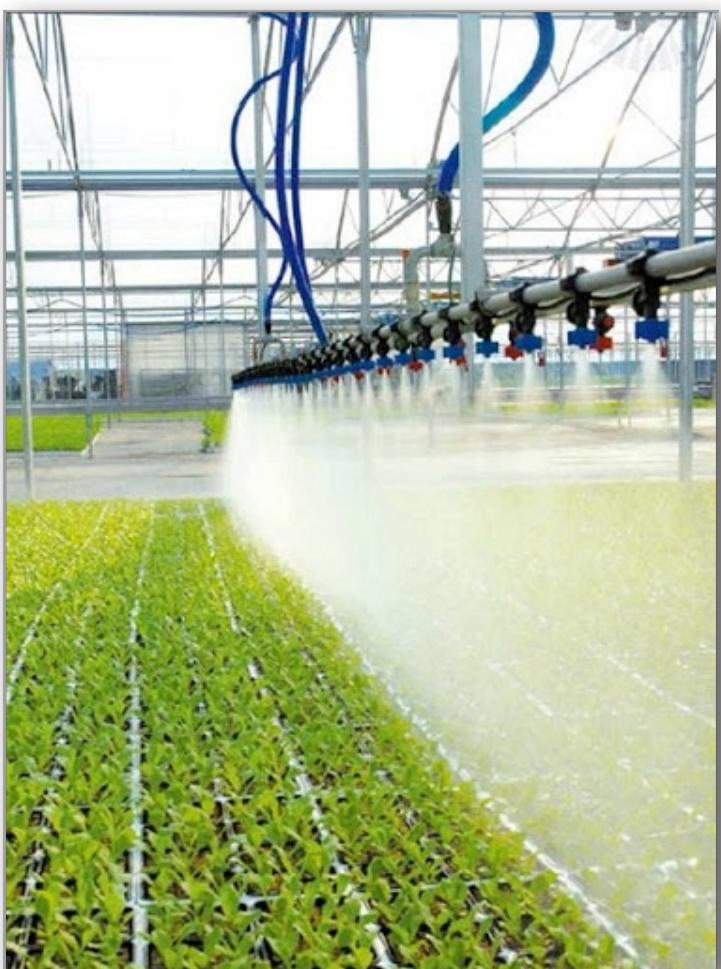
onion, garlic

Seed treatment	Treatment during the vegetation period
<p>Soak the seeds for 10 hours</p> <p>Preparation of working solution Dilute 50 ml of «Stimulanz – Konzentrat» in 10 l of water.</p> <p>Recommended consumption rate 10 liters per 10 kg of seeds.</p>	<p>Threefold spraying: - 2-3 leafs; - after 10-15 days; - after 10-15 days;</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

watermelon, melon, pumpkins

Seed treatment	Treatment during the vegetation period
<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 200 ml of «Stimulanz – Konzentrat» in 20 l of water.</p> <p>Recommended consumption rate 20 Liters per 10 kg of seeds</p>	<p>Twofold spraying • formation of vines; • after 15-20 days.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

We draw your attention to the fact that the in-time processing of vegetable seeds and young plants shortens the ripening time and brings an additional harvest!



FODDER



Maize (silage, green fodder)

	Seed treatment	Treatment during the vegetation period
 A photograph showing a corn cob and a pile of yellow corn kernels.	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 10 l of water.</p> <p>Recommended consumption rate 10 Liter pro 1 Tonne Samen.</p>	<p>Twofold spraying:</p> <ul style="list-style-type: none">• 3 leafs;• blooming stage. <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

clover, alfalfa

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 10 l of water.</p> <p>Recommended consumption rate 10 Liter pro 1 Tonne Samen.</p>	<p>Threefold spraying: - plantlet stage; - regrowth stage; - booting stage.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha.</p>

cereal grasses (common ball grass, meadow fescue, meadow fleece)

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 10 l of water.</p> <p>Recommended consumption rate 10 Liter pro 1 Tonne Samen.</p>	<p>Threefold spraying: • iplantlet stage; • iregrowth stage; • booting stage.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>

vetch and oat mix

	Seed treatment	Treatment during the vegetation period
	<p>Seed pre-sowing treatment Apply before sowing as a mixture with pesticides or solo</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 10 l of water.</p> <p>Recommended consumption rate 10 Liter pro 1 Tonne Samen.</p>	<p>Threefold spraying: - plantlet stage; - after 15 days; - after 12-15 days.</p> <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>



NATURAL HAYFIELDS AND PASTURE



Natural hayfields and pasture

Two small, rectangular bales of hay are shown side-by-side. The bale on the left is green and appears to be made from a grass-like plant. The bale on the right is yellow and appears to be made from a cereal grain like wheat. Both bales are wrapped in light-colored twine.	<p>Treatment during the vegetation period</p> <p>Threefold spraying:</p> <ul style="list-style-type: none">- plantlet stage;- after 15 days;- after 12-15 days. <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 liters of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>
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Apple tree, pear, cherry, plum, peach, apricot, quince

	Stalk treatment	Treatment during the vegetation period
	<p>Soak the stalks for 24 hours. Immerse the stalks on third in the working solution.</p> <p>Preparation of working solution Dilute 150 ml «Stimulanz – Konzentrat» in 20 liters of water</p> <p>Recommended consumption rate 20 l / 1000 stalks</p>	<p>fourfold spraying</p> <ul style="list-style-type: none">- 5-7 Tdays after blooming- abscission of ovaries;- flower bud growth;- growth of fruits. <p>Preparation of working solution Dilute 500 ml «Stimulanz – Konzentrat» in 800 - 1000 liters of water</p> <p>Recommended consumption rate 800 - 1000 liters per 1 ha</p>

citrus fruits and coffee

	Stalk treatment	Treatment during the vegetation period
	<p>Soak the stalks for 24 hours. Immerse the stalks on third in the working solution.</p> <p>Preparation of working solution Dilute 150 ml of «Stimulanz – Konzentrat» in 20 l of water.</p> <p>Recommended consumption rate 20 Liter pro 1000 Stück.</p>	<p>Fourfold spraying: - 7-10 days after blooming; - abscission of ovaries; - after 15 days; - after 15 days;</p> <p>Preparation of working solution Dilute 500 ml of «Stimulanz – Konzentrat» in 800-1000 l of water.</p> <p>Recommended consumption rate 800-1000 liters per 1 ha</p>



BERIES

raspberries, currants, honeysuckle,
gooseberries



	Stalk treatment	Treatment during the vegetation period
A photograph of a branch of green gooseberries and a branch of raspberries.	<p>Soak the stalks for 24 hours. Immerse the stalks on third in the working solution.</p> <p>Preparation of working solution Dilute 150 ml of «Stimulanz – Konzentrat» in 20 l of water.</p> <p>Recommended consumption rate 20 Liters per 1000 stalks</p>	<p>Threefold spraying:</p> <ul style="list-style-type: none">• budding phase;• after blooming;• berries seed. <p>Preparation of working solution Dilute 500 ml of «Stimulanz – Konzentrat» in 800-1000 l of water.</p> <p>Recommended consumption rate 800-1000 liters per 1 ha</p>



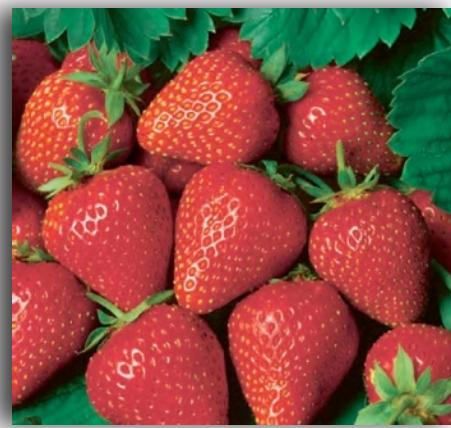
grapevines



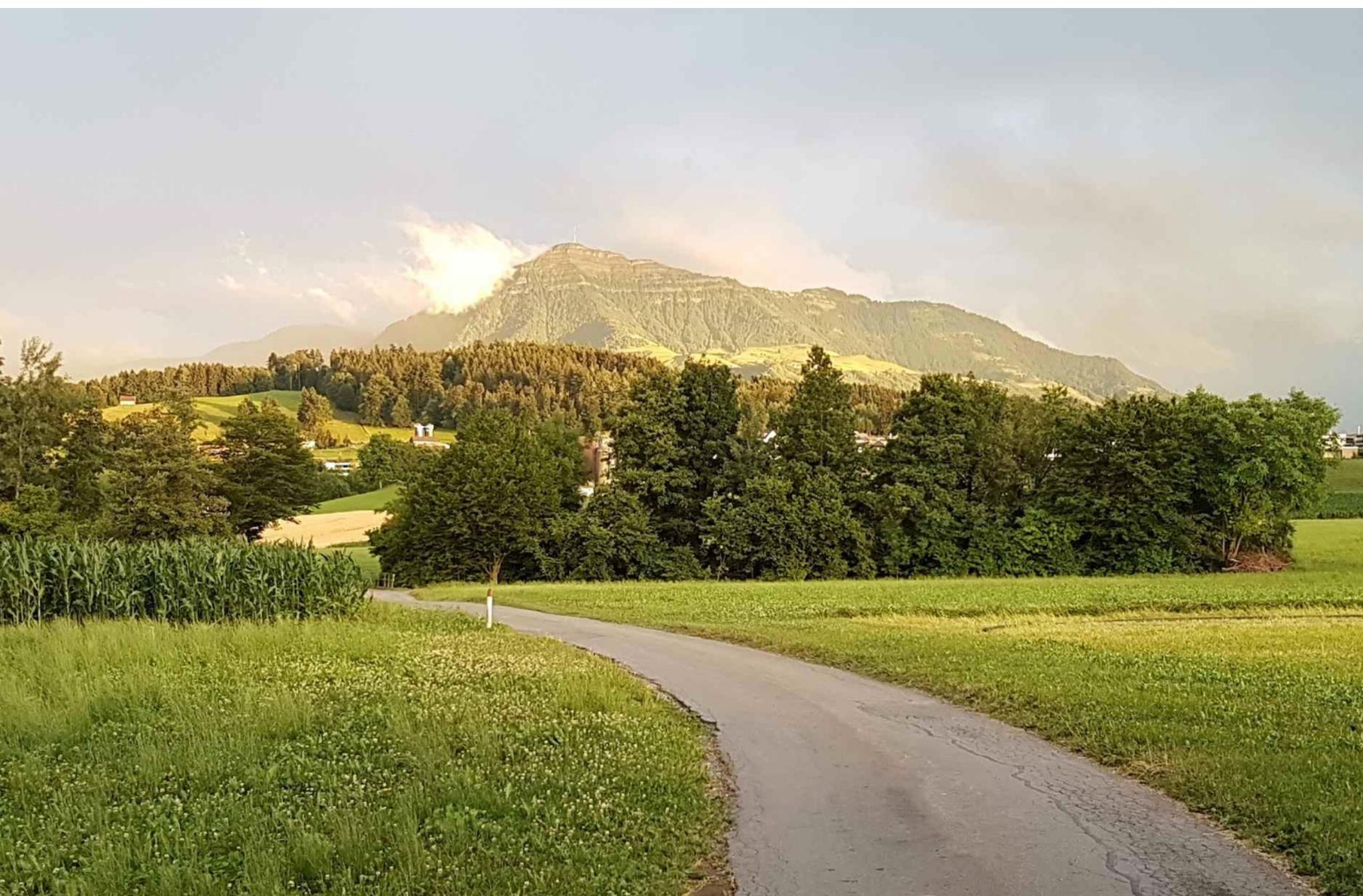
Stalk treatment	Treatment during the vegetation period
<p>Soak the stalks for 24 hours. Immerse the stalks on third in the working solution.</p> <p>Preparation of working solution Dilute 150 ml of «Stimulanz – Konzentrat» in 20 l of water.</p> <p>Recommended consumption rate 20 Liters per 1000 stalks.</p>	<p>Threefold spraying:</p> <ul style="list-style-type: none">• budding phase;• after blooming;• berries seed. <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 200 - 300 l of water.</p> <p>Recommended consumption rate 200-300 liters per 1 ha</p>

strawberries

Treatment during the vegetation period
<p>Threefold spraying:</p> <ul style="list-style-type: none">- beginning of the growth;- after 15 days;- after 15 days. <p>Preparation of working solution Dilute 1000 ml of «Stimulanz – Konzentrat» in 50 - 300 l of water.</p> <p>Recommended consumption rate 50-300 liters per 1 ha</p>



5 SOIL RECULTIVATION



The "Hybrid Innovation - Stimulanz-Konzentrat" helps to restore damaged areas of agricultural use quickly and efficiently!

The plant additive "Stimulanz - Konzentrat" differs from the artificial salts of sodium or calcium humates known on the market in the state of the fulvic and humic acids in the plant additive. Those are in the pure state or in a bioactive and unchanged natural state.

These organic acids in concentrated form enable the regeneration of the depleted humus layer and have a beneficial effect on the physico-chemical properties of soil fertility. The soil fertility is increased, so that the efficiency can be equated with that of a black soil.

The fulvic acid necessary for the entire plant world is the most biologically active and water-soluble component of humus that is contained in black soil.



The fulvic acid has a high bioavailability. In nature it is formed in extremely small quantities and is the product of the vital activity of bacteria and microbes that live in the soil. In black soils, the total amount of humic and fulvic acid is approx. 3%, rarely up to 5%. In soils with a low humus content, the concentration of these acids remains below 1%.

Thanks to the fulvic acid, which is a powerful chelate, the plant additive «Stimulanz-Konzentrat» intensifies the process of deactivating and detoxifying the soil. It initiates the neutralization and binding of the ions with heavy metals and toxins. The plant additive «Stimulanz-Konzentrat» sorbs radionuclides by rendering them harmless to plants. It prevents the unnecessary formation of nitrates and accelerates the breakdown of the pesticides.

The fulvic and humic acids promote the acceleration of the complex physical, chemical and biological processes in the soil and ensure the necessary nutrient balance.

Fulvic acid has strong electrolytic properties. It can dissolve minerals and break them down into tiny particles (ion size). This form allows all mineral and biological nutrients necessary for development to be absorbed by the roots.

The plant additive «Stimulanz-Konzentrat» promotes the formation of a good microflora and suppresses the conditionally pathogenic microflora. The development of root rot is prevented. The use of concentrated fulvic acid prevents the development of pests in the soil, e.g. maggots of the Colorado beetle, wireworms, etc.

The use of the plant additive «Stimulanz-Konzentrat» on acidic and salty soils is particularly topical, because the structure of the soil improves thanks to the strengthening of the oxidation and reduction processes. The soil becomes more permeable to air and stores moisture.

To recultivate and restore the fertile soil layer, it is advisable to water the soil with a 5% solution of the plant additive until it is completely wet. It should be applied 2 to 6 times a year, depending on the ecological condition or the state of depletion of the soil.



The "Hybrid Innovation - Stimulanz-Konzentrat" helps to improve the environment.