

CREATED in SAINT PETERSBURG  
PRODUCED in RUSSIA

**RostoVIT**  
organics only



REDUCES COSTS,  
provides  
EXCELLENT HARVEST

An effective solution for agriculture

# NATURAL BIO-STIMULATOR FOR CROP PRODUCTION

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- ✓ Fertilizer savings – 20 - 50 %;
- ✓ Increase in yield – 15 - 25 %;
- ✓ Acceleration of greenhouses turnover by 15-25 %;
- ✓ Improving product quality;
- ✓ Restoration of degraded soils by stimulating the soil microflora.

## Can be used :

- ☐ In organic farming;
- ☐ To improve the efficiency of intensive agricultural technologies;
- ☐ As a component to produce new combined fertilizers.



# MADE in RUSSIA

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The image shows a 'Certificate of Conformity' (Сертификат Соответствия) issued by the 'Made in Russia' voluntary certification system. The certificate is for the 'AGRO-RECYCLING GROUP, Ltd.' and covers the 'Method for anaerobic processing of spent brewing yeast in a methanetank'. It is valid from 15.06.2023 to 20.04.2024. The certificate is issued on the basis of a patent of invention No. 2744728 dated 15.03.2021, issued by the Federal Service for Intellectual Property. The certificate is issued by the 'Expert Support Center Director' M.A. Podshivalova.

**Voluntary certification system «Made in Russia»**  
Registered in the Unified Register of registered voluntary certification systems  
Reg. № РОСС RU.31685.04Р3ЦО from the 24th of May 2017

Система добровольной сертификации «Сделано в России»  
Зарегистрирована в Едином реестре зарегистрированных систем добровольной сертификации  
Per. № РОСС RU.31685.04Р3ЦО от 24 мая 2017 г.

**CERTIFICATE OF CONFORMITY**  
**СЕРТИФИКАТ СООТВЕТСТВИЯ**

№ CC.000077

Valid from 15.06.2023 to 20.04.2024  
Срок действия с по

**Applicant / Manufacturer:** AGRO-RECYCLING GROUP, Ltd., RUSSIA, 190103, St. Petersburg, str. Kurlyandskaya, 8, bldg. 2, lit. M.  
**Заявитель / Изготовитель:** ООО «АГРОРЕЦИКЛИНГ-ГРУПП», Россия, 190103, г. Санкт-Петербург, ул. Курляндская, Д.8, К.2, ЛИТЕР М.

**Products:** Method for anaerobic processing of spent brewing yeast in a methanetank. FEACN of the CU 2102209000.  
**Продукция:** Способ анаэробной переработки отработанных пивных дрожжей в метантенке. Код ТН ВЭД ЕАЭС 2102209000.

**Comply with the voluntary certification system "Made in Russia" requirements.**  
Соответствует требованиям Системы добровольной сертификации «Сделано в России».

Certificate is issued on the Uniqueness of products of the voluntary certification system "Made in Russia". Basis for issuing: patent of invention No. 2744728 dated 15.03.2021, issued by the Federal Service for Intellectual Property; patent of invention No. 042562 dated 27.02.2023 Eurasian Patent Organization.

Сертификат выдан по направлению "Уникальность" системы добровольной сертификации "Сделано в России". Основание выдачи: патент на изобретение No. 2744728 от 15.03.2021, выданный Федеральной службой по интеллектуальной собственности; патент на изобретение No. 042562 от 27.02.2023, выданный Евразийской патентной организацией.

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**Expert Support Center Director**  
Директор центра экспертной поддержки

**M.A. Podshivalova**  
М.А. Подшивалова

000117

## 2023

➤ Certificate of conformity «**Made in Russia**» is received

This mark means confirmation of the good faith of the Russian manufacturer as a reliable supplier of high-quality and safe products.

# GLOBAL INNOVATION SOLUTION



HAS NO GLOBAL ANALOGUES



2021

- The technology is protected by patents of Russian Federation

2023

- Eurasian patent is obtained



# WASTE? NO!

## A valuable renewable source of raw materials!



### Spent beer yeast :

Yeast

+ Products of their metabolism

+ Sprouted grains extract

+ Hop extract



**BREWRIES COLLECT THEM  
SEPARATE FROM OTHER WASTE**



Source of  
biologically active substances  
traditionally used for crop  
production



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Innovative technology allows to destroy yeast cells by biological methods, extract the benefits hidden in them and enrich the product with biologically active substances.

**The result is a POWERFUL BIO-ACTIVATOR for crop production, which:**

- ☐ Activates internal processes in plants;
- ☐ Stimulates development of the soil microflora.



# THE WHOLE AGRO-PHARMACY IN ONE BOTTLE



**The unique complex of biologically active substances of natural origin**

## **Nutrients content, %:**

Nitrogen (N) - 0,17  
Phosphorus (P<sub>2</sub>O<sub>5</sub>) - 0,12  
Potassium (K<sub>2</sub>O) - 0,14  
Fe - 0,1  
Ca - 0,019  
S - 0,015  
Mg - 0,014

## **Trace elements, mg / kg:**

Na - 91,6  
Ni - 86,1  
Si - 26,3  
Mo - 22,3  
Mn - 11,8  
B - 4,8  
Cu - 3,1  
Zn - 1,1

**Dry residue – 4,36 %**

**Organic matter (from dry residue) – 89 %**

**pH = 5,5**

**The composition of organic matter**  
includes a wide range of amino acids,  
plant hormones, B, C and E vitamins,  
as well as humulone derivatives  
which are powerful antibacterial and  
antiviral compounds.

**All nutrients and trace elements are present in the  
product in a bioavailable form.**

**Safety indicators correspond to the requirements for organic farming**

# “RostoVIT – is not just a fertilizer, it is much more!”

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- ☐ Intensification of plant development, early ripening, due to the activation of internal processes in plants;
- ☐ A strong root system and improved survival;
- ☐ Increase yields by 15-25% while improving quality;
- ☐ Increased seed germination energy by 8-20%;
- ☐ Better nutrients absorption and reducing the need for fertilizers by 20-50%;
- ☐ Better adaptation to adverse conditions, Increased resistance to diseases;
- ☐ Stimulation of soil microflora nutrition, restoration of soil fertility.

**Is tested from Kaliningrad to Vladivostok, from the Balkans to foggy Albion**

# COMPARISON with COMPETITORS



- ✓ Universality
- ✓ Complexity
- ✓ Naturalness
- ✓ Efficiency
- ✓ Beneficial price

		Humistar Russia	BIOBIZZ BioHeaven Netherlands	BIOBIZZ Root-Juice Netherlands	Radifarm Italy
100% natural (without chemical additives)		✓	✓	✓	X
Certified for organic farming		✓	X	✓	X
stimulates	root formation	✓	✓	X	✓
	growth and nutrition	✓	✓	✓	✓
	resistance to stress	✓	✓	✓	✓
	crop quality	✓	✓	X	X
	soil restoration	✓	✓	X	X
Prevention of fungal diseases		✓	X	X	X
Insecticidal properties		✓	X	X	X
Consumption, ml/l of ready solution		2	20	2 - 5	4
Cost per 1 m3 of ready solution, RUR		400	4 000	6 000 – 15 000	8 000



# IMPORTANT BENEFITS



- ☐ RostoVIT is beneficial (used in **1:500** dilution) and easily dosed.
- ☐ The product **does not require special storage conditions**, does not lose properties in a wide temperature range and during freezing/thawing.
- ☐ RostoVIT has a **complex effect** and replaces several popular means at once.
- ☐ Joint application with fertilizers provides a synergistic effect and **reduces the amount of fertilizers**, including expensive prolonged fertilizers - **up to 50%**.
- ☐ The concentrate has a rare (for organic preparations) acidity (**pH=5.5**). Therefore, it is **indispensable for plants of acidic soils**). At the same time, RostoVIT is successfully used for all other plants.
- ☐ RostoVIT is practically nitrogen-free and **can be used at any time of the year**.
- ☐ RostoVIT provides the best results, including **for hydroponic cultivation** (in terms of crop size and quality).



# IMPORTANT BENEFITS

**RostoVIT**  
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Regular use of RostoVIT  
helps to prevent fungal plant diseases



# ORGANIC FARMING APPLICATIONS ARE ALLOWED



## Certificate of compliance with Russian GOST 33980-2016 is received

RostoVIT is allowed to use in organic farming:

- Our technology does not use any chemicals
- The product is produced by biological methods (similar to natural processes)
- The product is free of GMOs and nitrates
- The product is free of heavy metals





# Bright EXAMPLE

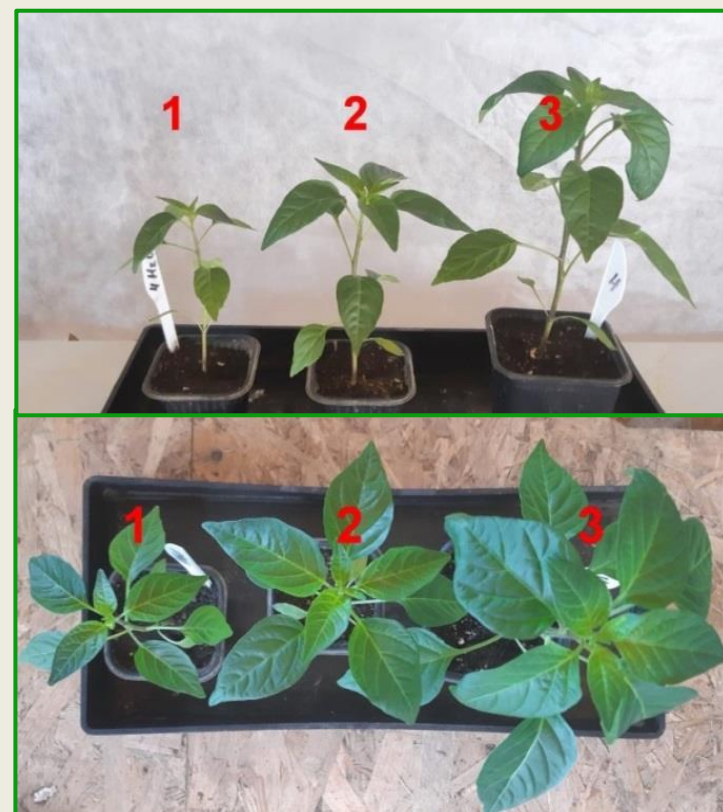
Experiment on growing **of spicy pepper seedlings** on the background of standard agricultural technology (with mineral fertilizers)



**1 – control**  
(10 real leaves)

**2 – RostoVIT**  
since 3-rd week  
(13 real leaves)

**3 – RostoVIT**  
from the beginning and then  
once per week  
(15 real leaves)



# USER OPINIONS



## Citrus growing community, Bulgaria:

«I will describe my observations about the biologics "RostoVIT," which Alexander Sofinsky gave me some time ago. The drug was mainly distributed, and, based on the feedback of the recipients and my observations, I want to say that the drug is excellent.



According to the declared actions:

1. Resistance to unfavorable conditions - So far is excellent, but let's see in the spring
2. Prevention and treatment of chlorosis. - excellent!
3. Stimulation of root formation is excellent!
4. Resistance to diseases - I have no observations.
5. Improving the absorption of minerals is excellent!
6. Seed germination stimulation - very good.

**Regarding item 5, I want to say that the drug saves a minimum of 50%. Should be fertilized with a half of the recommended doses of the necessary fertilizers.**

For the holistic observation, I would say in the spring, after wintering citrus fruits. So far, I do not have a plant treated with this drug that would lose at least one leaf. As the only drawback, I can say that it has an unpleasant smell and needs to be diluted outdoors.

For me, this natural drug has a very good future. I hope that Bulgaria will also have an opportunity to buy it».

*(translated from bulgarian language)*

<https://m.facebook.com/groups/270872411131849/permalink/637773954441691/>



# DECISION for HYDROPONICS

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## GREEN SPACE LLC, Moscow, RUSSIA

(the company develops the equipment and technology for hydroponic farms) has written:

The increase in the yield of arugula on hydroponics is 23-27% compared to the control, basil - 15%.

Due to the reduction in the term of cultivation, the total yield for the year is further increased (by arugula - by 48% or more);

As an example, 120 ml of RostoVIT during the term of growing, allows to receive an additional crop of basil equal 1 kg.



GREEN SPACE

Общество с ограниченной  
ответственностью «ГРИН СПЕЙС»  
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### БЛАГОДАРСТВЕННОЕ ПИСЬМО

Компания ООО «Грин Спейс» выражает глубокую благодарность ООО «АГРОРЕЦИКЛИНГ-ГРУПП» за предоставление инновационного биопрепарата RostoVIT и консультационную поддержку по его применению.

Проявленные знания и опыт сотрудников компании в процессе испытания препарата позволили повысить урожайность выращиваемых на гидропонике культур на 15-27%.

Искренне стремимся быть взаимовыгодными и содействовать достижению профессиональных целей.

Мы надеемся на дальнейшую совместную работу в сфере разработки агротехнологических карт и сохранения наших партнерских отношений.

С уважением,

Директор по производству

Letter of thanks

**“Honestly, I am pleasantly surprised, I did not think that the biologics on hydroponics would work like this”**

# HOW to APPLY:



RostoVIT is used at all stages of plant development - for fruit, vegetable, berry, flower and grain crops.

RostoVIT can be used both for solving specific problems in plant cultivation and on a regular basis. In commercial cultivation, it is optimal to use it together with fertilizers, within the time frame established for such treatments.

Possible ways of use are watering and foliar treatment.

- ☐ As a rule, 1 L of the preparation is enough to prepare 500 L of a working solution;
- ☐ At working solution consumption of 300 L/ha (for foliar treatments) - 0.6 L of the preparation per 1 ha is used for 1 treatment. For example, cereals require 2 treatments per season;
- ☐ For hydroponic growing, depending on the technology, RostoVIT is used either for foliar treatment, or is added to the hydroponic solution at the ratio 1:500
- ☐ When growing plants in small containers and on artificial substrates, when growing seedlings, the frequency of use is once per 10-14 days.



# NEW OPPORTUNITIES

## RostoVIT-AQUA



The components of the bio-preparation RostoVIT are friendly to aquatic ecosystems. The first experiments showed that RostoVIT successfully replaces water conditioner solutions for aquariums .

Further, preliminary aquaculture experiments have shown that the use of RostoVIT in the cultivation of fish in closed water supply equipments increases the resistance of fish to adverse effects and reduces its death. In addition, RostoVIT stimulates the activity of beneficial microorganisms of biofilters used in fish breeding.

Given this, as well as the influence of RostoVIT when growing plants, including on hydroponics, assume that RostoVIT can be in demand when co-growing fish and plants - aquaponics.

The effect of the bio-preparation on fish is based on the presence in RostoVIT of a complex of vitamins and trace elements, as well as antiviral components that enhance the immunity of both plants and fish.





# OUR ACHIEVEMENTS



Agro-recycling group (ARG), Ltd was established in 2009 at Saint Petersburg, Russia.

From the beginning, our company set ambitious goals to solve global environmental tasks at the junction of different sciences.



Decisions, proposed by Agro-recycling group, became the base of several patented inventions and have received well-deserved recognition.

The pilot plant based on our technology was built in 2019 at the nice village not far from Saint Petersburg and the first industrial samples were obtained in early 2020.

An experimental station where products of the plant are tested in difficult conditions of the risky agriculture zone of the North-West of Russian Federation is situated there too.

In addition, starting from 2020, bio-stimulant RostoVIT were tested by amateur gardeners, and then by professionals in various regions of our country and abroad.

In 2023, according to the results of the passed selection, with the assistance of the State Budgetary Institution "Agency for Innovation of Moscow," studies of the RostoVIT biologics began at the famous Russian agricultural Academy named after K.A. Timiryazev. The program of tests includes vegetable, decorative and medicinal crops, as well as aquaculture, for which good results were also previously obtained.

# OUR TEAM

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**SOFINSKY Alexander**  
Founder,  
Author of the technology  
12 inventions  
Research Engineer (graduated  
from ITMO University)



**ILINSKAYA Elena**  
Founder, CEO,  
Author of the technology  
6 inventions  
Chemist (St.Petersburg State  
University),



**SOFINSKAIA Elena**  
Founder,  
Legal issues of the project  
International lawyer  
tax lawyer



**KOBIAKOV Konstantin**  
Photo artist, PR, advertising and marketing  
specialist with 30 years of experience



**TINOV Michael**  
responsible for automation of processes





# We invite you for cooperation!

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**Elena Ilinskaya**

General manager

Agro-recycling group, Ltd