

The Power of Nature

ProtoHumiX[®]

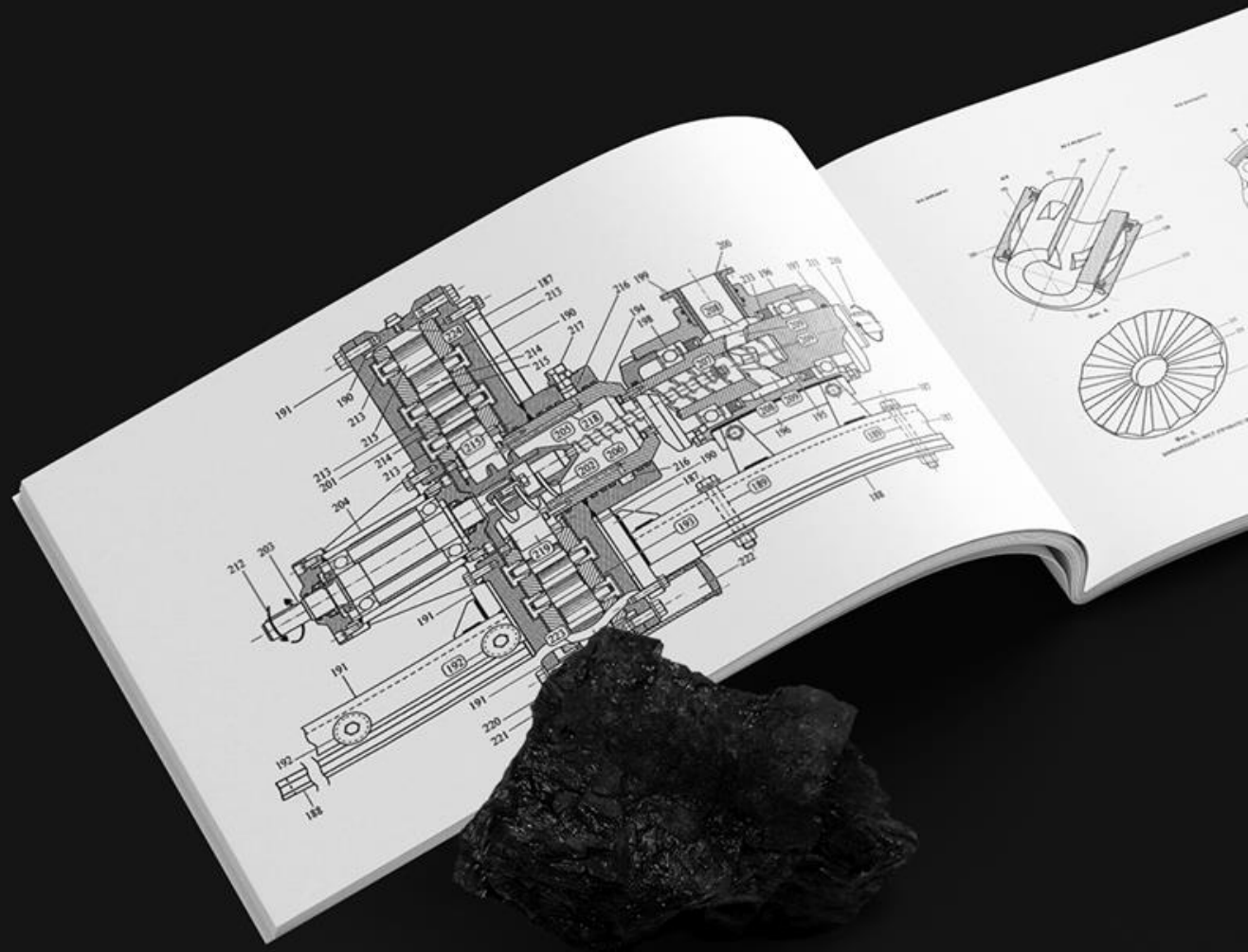
PURE HUMIC ACID

About us

Developers and owners of the newest technology for the comprehensive processing of brown coal and leonardite into humic fertilizers, preparations, fuel briquettes and the mechanochemical reactor for processing high-viscosity media — WO2015/163785



WO2015163785 — Method for comprehensively processing brown coal and leonardite into humic fertilizers and preparations and into fuel briquettes, and mechanochemical reactor for processing highly-viscous media





According to the conclusion of the World Intellectual Property Organization (WIPO, Geneva, Switzerland) WO 2015/163785 technology is completely meets the criteria:



**ABSOLUTE
NOVELTY**

No analogues
in the prior art of the world



**INVENTIVE
LEVEL**

Final product purification rate
previously considered
technically impossible



**INDUSTRIAL
APPLICABILITY**

In agriculture, livestock, veterinary,
medicine, cosmetology, sport

Patents and Trade Marks

PATENTS	
Eurasian Patent Office (RU, BY, KZ, AR, AZ, KG, TM, TK)	Patent EA032714B1, 31/07/2019
European Union Patent Office (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR)	Patent EP3135655, 23/12/2020 [EPO Official Journal]
USA	Patent US10,647,619, 12/05/2020
Ukraine	Patent US10,647,619, 12/05/2020
Israel	Patent № 248242, 07/05/2020
Federal Republic of Nigeria	Patent № 005327, 10/05/2017
Japan	Patent № 6412586, 5/10/2018.
Australia	Patent № 2014391742, 23/07/2020
Canada, India, South Korea, Vietnam, Indonesia — “Patent pending” status (with a priority date 15/04/2014).	

TRADE MARKS	
European Trade Mark TM № 017182429	«ProtoHumiX®»
China (CN) TM № 37286462	«ProtoHumiX®»
Kazakhstan (KZ) TM № 94653	«ProtoHumiX®»
Ukrainian (UA) TM № 120179	«ProtoHumiX®»



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PATENTS AND TRADE MARKS

Geography of our location



Manufactured products



On the basis of the industrial prototype of our patent equipment, we have successfully launched a small technological line for the production of a high-purity liquid and dry biostimulator — a preparation of a composition of humic acids ProtoHumiX®.



Regular laboratory studies of the qualitative and quantitative characteristics of an active substance are one of the most important stages in the production of ProtoHumiX®. We regularly test ProtoHumiX® in independent laboratories according to internationally recognized methods and standards: ISO 19822:2018, AOAC, Lamar Method.



During the period 2014-2019, we have successfully carried out more than 30 test seedings of various crops in the EU, CIS, North America, Canada, Barbados.

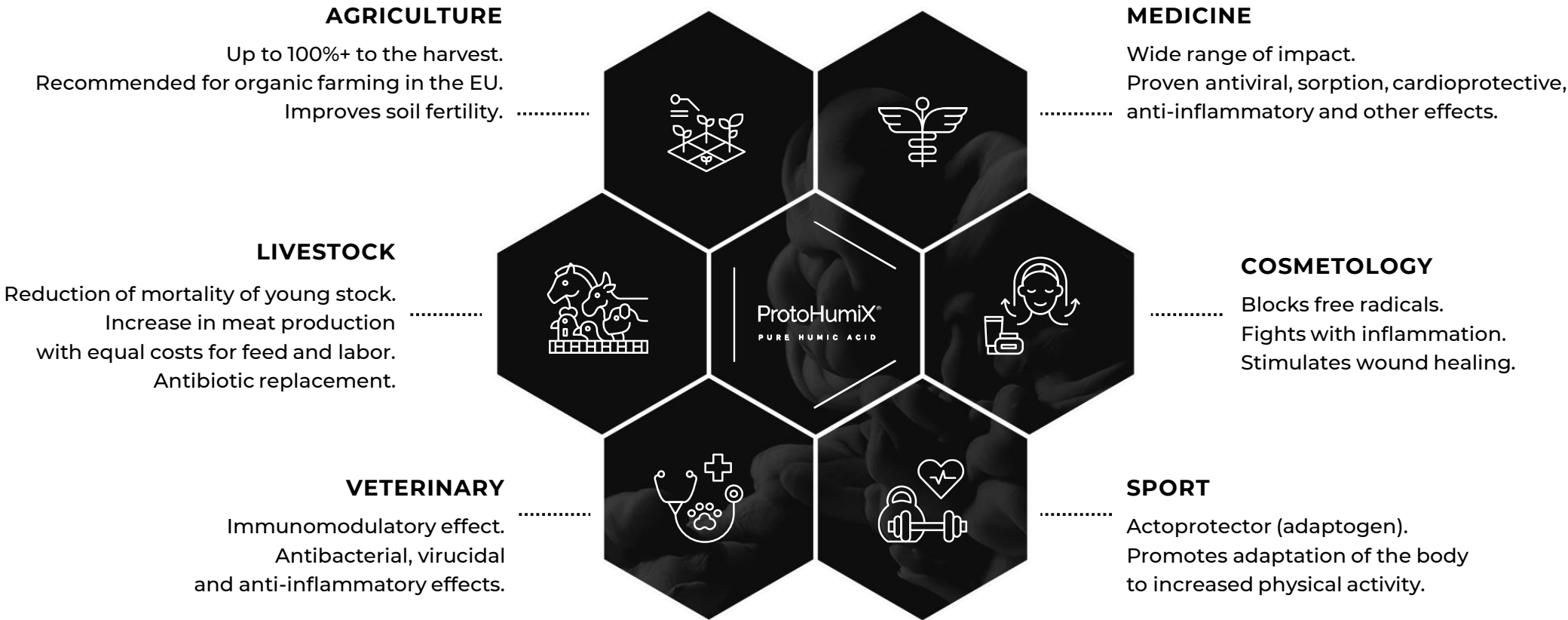


According to the conclusion of the Food Safety Agency of the Austrian Republic, ProtoHumiX® is recommended for organic farming in Austria, Switzerland, and Germany. ProtoHumiX® is registered and included in the European bio-catalog “INFOXGEN®”, Austria.

In accordance with the Official Conclusion of the Sanitary and Epidemiological Service of Ukraine, the ProtoHumiX® was successfully certified by the Ukrainian State Food Safety and Consumer Protection Agency, as a dietary supplement useful for human consumption.



ProtoHumiX® applications



Agriculture

Crop and soil recultivation

- Improvement of soil fertility.
- Increase in the resistance of plants to unfavorable growing conditions.
- Influence at the cellular level.
- Stimulation of plant growth and development.
- Creation of a protective effect from pollutants, ensuring the ecological purity of plants.
- Efficiency enhancement and reduction in the amount of applied fertilizers up to 30%.
- Increase in yield from 10% to 100% and a significant improvement in product quality.



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ABOUT PRODUCT / AGRICULTURE



Livestock. Veterinary.

With equal costs for feed, labor and, in the same conditions of keeping animals:

- Increase in meat production.
- Reduction in the mortality of young stock.
- Increase in the resistance of the animal organism.
- Reduction in morbidity and mortality of livestock and poultry.
- Increasing the body's resistance to unfavorable environmental conditions, as well as to toxins that may be contained in feed.
- Antibacterial, virulicidal and anti-inflammatory effects of ProtoHumiX®.
- Antiresorptive, enveloping, ergotropic and adsorptive effects of ProtoHumiX®.
- Implementation of an immunomodulatory effect.



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ABOUT PRODUCT / AGRICULTURE



Medicine

ProtoHumiX® possesses:

- Significant adjuvant action.
- Antiviral, antibacterial, immunomodulatory and antioxidant activity.
- Pro- and anti-inflammatory, anti-allergic, metabolic-trophic effects.
- Cardioprotective, detoxifying, antiproliferative and antitumor properties.
- Has an effect on free radical reactions, is an organic electrolyte and increases the activity of superoxide dismutase.



Effectiveness is proven
by the following scientific studies



Cosmetology

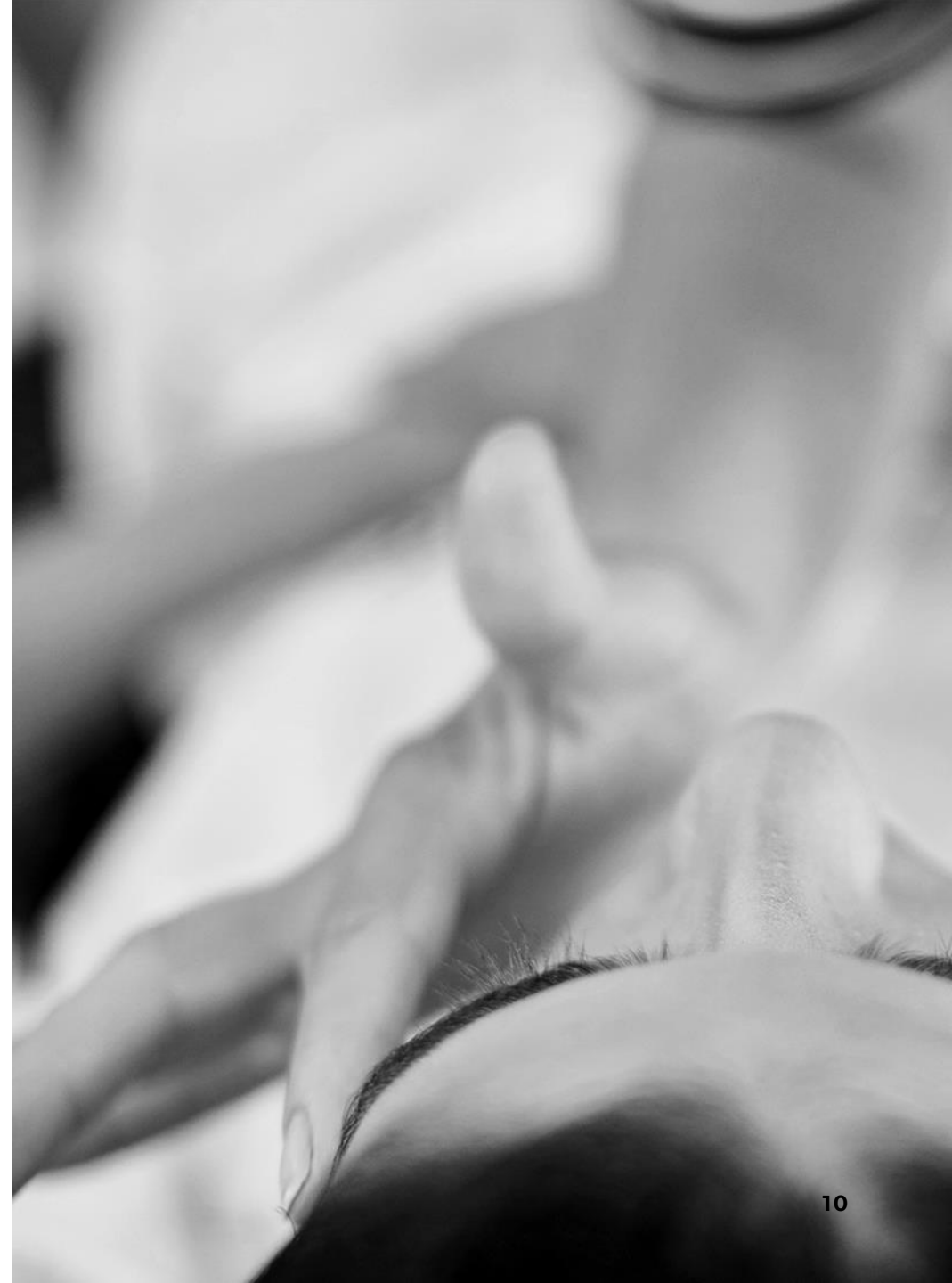
The effect of ProtoHumiX® on the skin and the general condition of the body is due to the presence of a great range of components, including:

- Amino acids
- Vitamins
- Trace elements
- Natural polysaccharides
- Fatty acids
- Ketones, quinones, polyphenols, catechins, peptides and other natural elements

The possibility of widespread use of Humic peloid preparations ProtoHumiX® in medical practice has been substantiated.



Effectiveness is proven
by the following scientific studies



Sport

High-molecular compounds of humic nature of ProtoHumiX® have a beneficial effect on the body's adaptation to increased physical activity, namely:

- Increase efficiency in a swimming test with stress.
- Do not change serum lactate levels after physical activity.
- Do not change serum corticosterone levels after physical activity.
- Significantly increase endurance during intense physical activity.
- Accelerate metabolic processes.
- Contribute to the intensification of elimination of anabolic steroids and chemical compounds classified as doping from the body.



Effectiveness is proven
by the following scientific studies





Efficiency

In the 2014-2020 test seeding process, while applying 2-3 liters of ProtoHumiX® per hectare per full cycle, an average of 25%-30% increase to yield was obtained. For example, the application of ProtoHumiX® on clayey, stony, infertile soils in the Alpine Plateau yielded the following results:

- 100% increase to corn yield
- 47%-51% increase to the yield of different varieties of wheat
- 18.75% increase to the yield of triticale
- 20%-44% increase to the potato crop

Laboratory tests of agricultural samples after ProtoHumiX® application showed an increase in protein, organic matter, gluten, fat and sugar levels compared to similar samples without ProtoHumiX® application.

The use of ProtoHumiX® allowed traditional and bio-farmers to obtain significant additional profit from 1 hectare of crops, for example: from 142€/ha for triticale to 18,000€/ha for organic potatoes.

ProtoHumiX® Application Efficiency 2014-2019

YEAR OF FIELD TESTS/ ORGANIC PRODUCTS	TOTAL HARVEST, TONES PER 1 HA	% OF YIELD INCREASED, PER 1HA	EXTRA HARVEST, TONES PER 1 HA	LOCAL MARKET PRICE OF 1 TONE OF PRODUCT, EURO	ADDITIONAL PROFIT COLLECTED FROM 1 HA, EURO	AMMOUNT OF PROTOHUMIX® APPLIED, L/HA
2014-2015						
Winter wheat* (Ukraine)	5.9	11.86	0.7	200	140	2.2
Winter barley* (Ukraine)	4.12	12.62	0.52	220	114.4	2.2
Soy* (Ukraine)	2.37	15.61	0.37	295	109.15	2.2
2015-2016						
Winter wheat* (Ukraine)	6.1	14.75	0.9	200	180	2.2
Winter barley* (Ukraine)	4.29	16.1	0.69	220	151.8	2.2
Soy* (Ukraine)	2.41	17.0	0.41	295	120.95	2.2
2016-2017						
Winter wheat* (Ukraine)	6.2	16.13	1.0	210	210	2.2
Winter barley* (Ukraine)	4.39	18.0	0.79	225	177.75	2.2
Soy* (Ukraine)	2.49	19.68	0.49	295	144.55	2.2
Wheat (Canada)	57 bushels	14.0	7 bushes	8	56	3
Organic Wheat (Austria)	4.7	11.9	0.5593	500	279.65	0.5
Organic Hemp (Austria)	1.1	12.2	0.1342	3500	469.7	1.1
Organic Triticale (Austria)	1.9	18.75	0.3563	400	142.52	0.5
Organic Peas (Austria)	1.9	18.75	0.3563	400	156.77	0.5
Organic Potato, sort "Ditta"1 (Austria)	8.1	20.0	1.62	1645	2664.9	1.35

ProtoHumiX® Application Efficiency 2014-2019

YEAR OF FIELD TESTS/ ORGANIC PRODUCTS	TOTAL HARVEST, TONES PER 1 HA	% OF YIELD INCREASED, PER 1HA	EXTRA HARVEST, TONES PER 1 HA	LOCAL MARKET PRICE OF 1 TONE OF PRODUCT, EURO	ADDITIONAL PROFIT COLLECTED FROM 1 HA, EURO	AMMOUNT OF PROTOHUMIX® APPLIED, L/HA
Organic Corn (Austria)	4.63	100.0	4.63	320	1481.6	1.25
Potato*, sort "Ditta" 2 (Austria)	32.0	14.3	4.0	1645	6580	2.0
Potato*, sort "Kuras" (Austria)	36.0	44.0	11	1645	18095	2.0
2017-2019						
Wheat* (Canada)	59 bushes	18.0	12 bushes	5	60	3
Winter wheat* (Ukraine)	6.4	11.86	1.2	240	288	2.2
Winter barley* (Ukraine)	4.49	18.0	0.89	230	204.7	2.2
Soy* (Ukraine)	2.69	19.68	0.69	290	200.1	2.2
Corn* (Ukraine)	10.1	17	1.7	118	201.85	2
Sugar Cane (Barbados)	Total weight: 58 t/ha Sugar: 9 t/ha Cane Juice: 85%	Weight: 28.89% Sugar: 28.57% Cane Juice: 5.93%	Weight: 8 t Sugar: 2 t	215	430	4.5
Organic Wheat (Austria)	3.875	12.9	0.4	400	150	0.85
Organic Potato (Austria)	5.25	10.5	0.5	1510	755	0.625
Wheat*, sort "Ermak" (Russia)	5	47	1.6	220	264	1
Wheat*, sort "Yuka" (Russia)	6	50	2	220	440	1

* Application of "ProtoHumiX®" together with menial fertilizers

Depending on the agricultural crop and based on the additional profit obtained by farmers from 1 ha during field-test in 2014-2019, the estimated selling price of "ProtoHumiX®" bio-concentrate should be varied from 12 € to 69 € per 1 liter.

Agriculture

ProtoHumiX®, as an organic product, can be mixed at the molecular level with any seed treatment fluids, any type of pesticide, any type of mineral fertilizer within the applicable production cycles.


Moreover, the quality of the ProtoHumiX® organic biostimulant allows its use in livestock farming, fish farming, poultry farming.

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ABOUT PRODUCT / AGRICULTURE



Food industry

In accordance with the Official Conclusion of the Sanitary and Epidemiological Service of Ukraine, the ProtoHumiX® was certified and registered by the State Service of Ukraine for Food Safety and Consumer Protection, as a food-approved product with the subsequent release of a line of dietary supplements based on ProtoHumiX®.

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DOCUMENTATION / CERTIFICATES



In order to build an industrial plant for the production of a high-purity liquid and dry biostimulant — a preparation of a composition of humic acids ProtoHumiX® with a production capacity of 4.000 liters per day — during 2016-2021 we have developed and created a complete package of technological documentation for the implementation of the project, including:

Technical documentation

- Technical process core
- 3-D Model of the enterprise
- Terms of Reference for the General Designer
- Network diagram for the project

In total - about 90% of the final design - estimate and construction - installation documentation.



Comparison with other manufacturers


This comparison is made with ANY manufacturer of humic substances
in the territory of the countries of the Eurasian space

AVAILABILITY/ABSENCE OF COMMERCIAL INDICATOR	CONDITIONAL COMPETITORS	PROTOHUMIX®
Public technology of production	—	✓
Availability of international patents by production technology	—	✓
Final product purification	—	✓
Indication of concentration of working fraction of the product	—	✓
Extraterritorial presence of technology	—	✓
Regular spectrometry of the final product in the independent laboratories	—	✓
Definition of quality and quantitative characteristics by the Lamar Method, ISO, AOAC	—	✓
Technology and the final product Compliance with Regulation (EU) 2019/1009	—	✓
Registration in the bio-catalogs of the EU	—	✓

AVAILABILITY/ABSENCE OF COMMERCIAL INDICATOR	CONDITIONAL COMPETITORS	PROTOHUMIX®
Permission to turnover in the food industry	—	✓
Test seeding dynamics for 5 years in various zones in 7 countries	—	✓
Waste-free, environmentally friendly clean production technology	—	✓
Unity of production method and technological equipment with EU Certificate	—	✓
Unified Trade Mark in 52 countries	—	✓
Possibility of mixing with mineral fertilizers	—	✓
Possibility of creation of artificial soils	—	✓
Possibility of application in hydroponics, aeroponics	—	✓
Possibility of application in medicine, cosmetology, veterinary medicine	—	✓

Our advantages

ProtoHumiX® is significantly different from other humic acid bio-stimulants produced in the World. The differences are the following



The highest degree of purification - the complete absence of harmful and potentially harmful impurities inherent in all extracts from highly viscous media - makes it possible to use the preparation not only in organic agriculture, but also in livestock, poultry, fish farming, as well as for human consumption.



Concentration of free active water-soluble humic acids (including fulvic, hematomelanic, ulminic groups) is at the level of the extract concentration (i.e. at 10% concentration of humic acids in the final product about 10% are free active water-soluble fractions), the application of which does not interfere with fine spraying (the product does not clog the nozzles of sprinklers).

OUR ADVANTAGES



The ProtoHumiX® manufacturing process as well as the manufacturing equipment are protected by international and national patents. Regardless of the territoriality of production, ProtoHumiX® is produced on the basis of solo-technology and under a single Pan-European Brand, calls “ProtoHumiX®”.



According to the unique and patented mechanical-activation process, the production cost of ProtoHumiX® is several times lower in comparison with the production cost of other biostimulants, but the quality of ProtoHumiX® is much higher.



The technology makes it possible to produce humic-type preparations in order to create artificial soils for the purpose of agricultural development in territories with poorly fertile and depleted soils, as well as to create fertile lands in areas where they do not exist.



The ability to monopolize the world market and market of any country that issued the patent, due to the unity of technology and technological equipment prescribed by the patent, via the judicial suspension of activities of any competitor.



Full compliance of the production line and the produced final product with Regulation (EU) 2019/1009 of the European Parliament and of the Council dated 5 June 2019.



Ability of legal infiltration and influence on any economy and country/group of countries that issued the patent in sectors: technology, innovation, agriculture, soil renovation, livestock, fish farming, pharmacology, cosmetology, as well as abilities of legal migration of human resources to specified countries and industries on the territories of the countries covered by the patents.

IDENTIFICATION OF MARKET DEFICITS OF HUMIC PREPARATIONS
IN THE CONDITIONS OF THE EUROPEAN UNION AND THE EAEU

The formulation of the application of preparations of these manufacturers is in the range from 25 to 45 (!!!) liters per hectare (see instructions for use on the above links) for the full cycle of plant growth, depending on the crop.

The overwhelming majority of manufacturers initially mislead the consumer by not indicating the true commercial characteristics of the product, including purity, indicating the cost of 1 liter of the product (sometimes low), but not indicating how many liters should be used from sowing to harvest (the cost of a full application cycle per hectare). The reason is the low (less than 1%) concentration of the fraction of free active water-soluble humic acids and the same low proportion of the concentration of fulvic acids in the preparation.

The largest and cheapest producer, Humintech (Germany), sells to the consumer an average annual volume of appr. 20 million liters, at a price of 3,8€/L, but the cost per cycle will be in the range of 100€ per 1 hectare of agricultural crops.

Also, the traditional practice of using of fertilizers by European farmers involves the allocation of a budget for their purchase in the amount of up to 15% of the profit expected from the use of these fertilizers.

Application of ProtoHumiX® is in the range of up to 3 liters per hectare, while - the preparations has a concentration of Potassium (K₂O) less than 1% in the concentrate, therefore it has the right to the attachment "Bio". Competitors' preparation has the concentration from 3%.

Similar indicators of ProtoHumiX® are at the level of preparation concentration, i.e. from 8% to 13%.

We assume the sale of a product in the range from 5€/L to 15€/L, while the cost of a full cycle per hectare will be from 12.5 € to 30 €, which is about 4-6 times cheaper than the cheapest offer on the EU market.

This means, under the conditions of the test sowing, guaranteed demand of the product ProtoHumiX® in the price range (depending on the crop) from 5€/L to 15€/ L.

In view of the above data, it should be considered reasonable and in demand (both among biofarmers and traditional farmers) to sell the annual volume of ProtoHumiX® produced by the company in 1 million liters at a price from 5€/L to 10€/L, with the cost of the full application cycle per hectare of 12.5€ to 30€, consciously dumping up to 50% of the market in 1 fiscal year.

**IDENTIFICATION OF MARKET DEFICITS OF HUMIC PREPARATIONS
IN THE CONDITIONS OF THE EUROPEAN UNION AND THE EAEU**

The overwhelming majority of existing manufacturers of humic preparations do not carry out the final purification of the product from a number of harmful (including potentially harmful and especially harmful) impurities inherent in the raw material base used for extraction in the form of caustobioliths.

The molecule of humic acid, due to its inherent high degree of chelating, creates extremely stable, often almost inseparable molecular bonds with the entire elemental base found in the group of caustobioliths used: chlorides, lead, radionuclides, arsenic, etc.

Purification by some manufacturers of the final product in the form of preparations of humic acids, which are in demand both in organic and traditional agriculture, leads to a significant increase in the cost of the latter.

The lack of purification in the technological production cycle leads to the appearance on the market of cheap, but low-quality and practically ineffective, and sometimes frankly harmful humic preparations.

The research results have confirmed that the complex of humic acids ProtoHumiX®, produced in accordance with the international technology WO2015/163785, meets the requirements of Directive № 90/496/EEC "On food safety", therefore it has impeccable qualitative and quantitative characteristics.

In other words, the consumer is experiencing an extreme shortage of humic preparations with the highest commercial indicators, including purity and, at the same time, an economically acceptable cost for the farmer, allowing him to receive additional volume to the crop and, as a consequence, additional profit, correlated with the costs incurred for the purchase of humic drug.

ProtoHumiX®

**IDENTIFICATION OF MARKET DEFICITS OF HUMIC PREPARATIONS
IN THE CONDITIONS OF THE EUROPEAN UNION AND THE EAEU**

**ProtoHumiX® technology is able to fill this existing deficit
and bring to the market**

**A REFERENCE HIGH-PURITY HIGH-QUALITY
PREPARATION OF HUMIC ACIDST**

**in a price range acceptable for all types of farms,
from organic and bio- to traditional**



Mineral fertilizers contribute not to the accumulation of nitrogenous compounds in the soil, in contrast to organic ones, but to their destruction.

The role of humic compounds in the mineral nutrition of higher plants is not limited only to the regulation of the concentration of mineral compounds entering the plants.

Ash elements, including phosphorus, enter and are effectively used by higher plants in the form of mineral-humic compounds.

Along with the zymogenic microflora existing in the soil, which decomposes fresh organic matter, the work of the autochthonous microflora is very important for the life of higher plants. As a result of its activity, nitrogen and phosphorus, which are in the soil in very large quantities, but difficult to assimilate, become available for assimilation.

Environmental friendliness

Application to the soil of ProtoHumiX® improves the absorption of minerals by the plants, thereby reducing the amount of applied mineral fertilizers by up to 30%, while increasing the efficiency of their application.

Thus, their negative impact on the ecology of the environment is reduced and the feasibility of reducing the production of mineral fertilizers along with a decrease in the volume of gas consumption for their production is substantiated.

Summary

ProtoHumiX®
PURE HUMIC ACID

CERTIFICATION

The state registration of the output products as raw materials for the food industry — a dietary supplement for special medical purposes was carried out. ProtoHumiX® is approved by Austrian Republic Food Safety Agency as recommended for organic agriculture.

PATENTED TECHNOLOGY

Patents and "Patent Pending" status in 52 countries.

TRADE MARKS

"ProtoHumiX®" trade mark in EU, China, Ukraine, Kazakhstan.

NON-STANDARD EQUIPMENT

Produced in Bavaria.
CE Certificate.

LEVEL OF READINESS — 100%

ToR for the General Designer, 3D-model of the enterprise are ready.

CONDUCTED RESEARCH

Over the 2014-2020 period, more than 30 test sowings on various crops, soils, different climatic zones with efficiencies ranging from +180\$/ha to +18,000\$ as surplus to harvest; commercial performance of the product confirmed by the world's leading laboratories.

COMPLIANCE WITH EU REGULATIONS

Full compliance of the technological and patent documentation with the EUROPEAN PARLIAMENT AND COUNCIL REGULATION (EU) 2019-1009 dated June 5, 2019: setting rules for the market release of EU fertilizers and amending Regulation (EU) No. 1069/2009 and repealing Regulation (EU) No. 2003/2003/

ADDITIONAL MECHANISMS

Ability to monopolize the market due to the unity of technology and equipment in the patent by judicial suspension of activities of competitors.

ENTRANCE THRESHOLD AND PAYBACK

From 2.309.000€
Implementation — 1 year
Payback — first 100 working days when dumping at 50% of the market

PRODUCTIVE CAPACITY

4 tones/day, 1.000.000 liters/year

SALES MARKETS BY SECTORS

Agriculture/soil renovation, pharmacological, cosmetology markets.

ECONOMIC INDICATORS, €

IRR=46,16%	ARR=105,01%
DPI=2,93	N=10
DROI=193,45%	PN=22,944,000,00
ROI=381,40%	NRV=94,208,664,12

**Network diagram for the creation of a production facility
with a capacity of 4,000 kg per day with an estimated cost of €2 309 000**

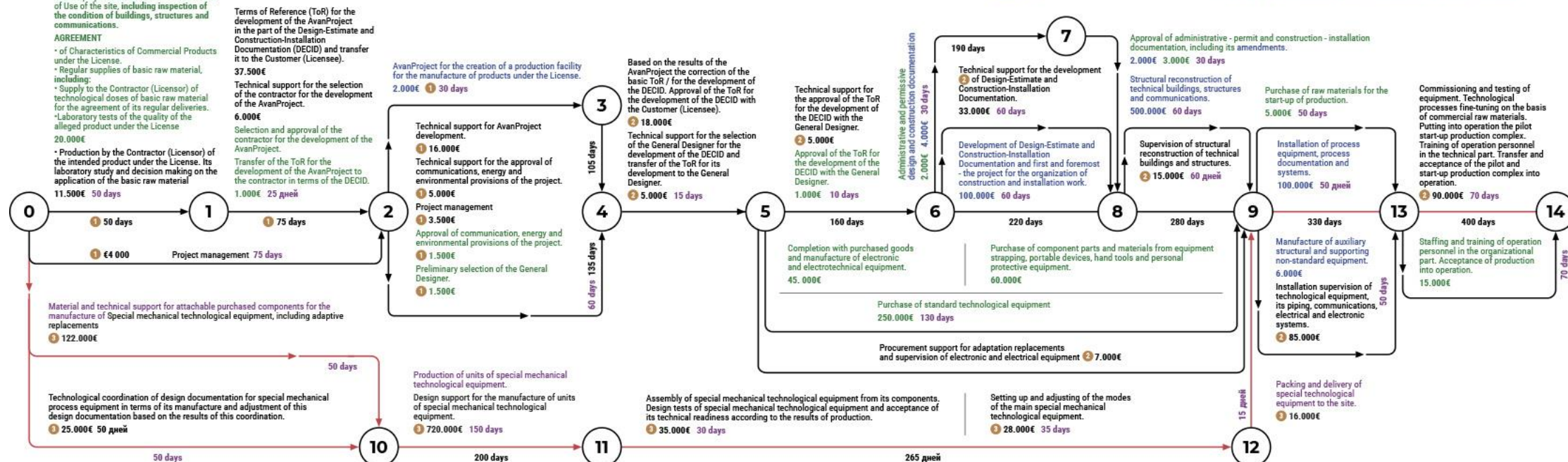
PERFORMANCE RESULTS

1. Existing production facility for the manufacture of a balance-free humic agrarian preparation on the basis of leonardite and brown coals, as well as on the basis of the use of chemical activators.
2. Production of ProtoHumiX® products: Liquid preparation. Biologically Active Composition of Humic Acids in concentrations from 1.25% to 11%, depending on the quality of raw materials used in production.

Customer's direct expenses (approximate)	5.000€
Customer's own production expenses	355.000€
Expenses for Contractors Technologists and for Contractors Mechanical Engineering	1.290.000€
Expenses for Contractors of development of Design-Estimate and Construction-Installation Documentation (DECID) and for Contractors of construction and installation works in the diagram are shown approximately with an estimated cost of 632.000€	

Expenses for the development of the DECID and for construction and reconstruction works are shown approximately and may vary in one direction or another depending on the conditions of land use and the availability of existing buildings, building structures and communications, and their preservation condition.

- "Imputed-additional" expenses for chemical laboratory equipment depend on the degree of outsourcing.
- The project for the organization of the course of production and the management of production is transferred to the Licensee from the Licensor "free of charge" in connection with the existence of the License Agreement



Designations of "Customer-Technologies" Performance Agreements

- | | | |
|---|--|---------------------|
| 1 | Agreement No. 1 – "Organizational Project, ToR for AvanProject according to DECID. Preparation of basic data on the topic of the License Project in AvanProject | 86.000€ |
| 2 | Agreement No. 2 – "ToR for the development of the DECID and support of its development, installation supervision, commissioning, training of operation personnel and commissioning of production"..... | 258.000€ |
| 3 | Agreement No. 3 – "Special Technological Equipment"
"Delivery of Technological Equipment"..... | 930.000€
16.000€ |

Designations of work performers

- Project customer
- Construction contractors
- Developers of technology
- Developers of technology in terms of manufacturing non-standard equipment

ZERO CYCLE, NOT INCLUDED IN THE SCHEME.

Agreement No. 4 – "Organizational Project". To be performed at the Customer's (Licensee's) expense without transferring money to the Contractor (Licensor).

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PDF. A3

Payback calculation and the profitability of ProtoHumiX® design annual capacity

CAPITAL INVESTMENT			
NAME	QTY	COST	AMOUNT
Capital costs for the technological complex (see p. 28 of Network diagram)	1	1 695 000,00 €	1 695 000,00 €
Approximate capital expenditures for the reconstruction or construction of a pre-fabricated industrial building, building structures and communications, the average value achieved by experience	1	632 000,00 €	632 000,00 €
TOTAL:			2 327 000,00 €

THE COST PRICE OF PRODUCTION OF 1 LITER OF FINISHED PRODUCTS, TAKING INTO ACCOUNT DEPRECIATION	
The cost price of a liter of liquid preparation	0,53 €
The cost price of a liter of a liquid preparation, taking into account the cost of wholesale containers (eurocube in a cabinet, on a pallet, if not refundable — 200 €)	0,73 €

KEY ECONOMIC INDICATORS	
NAME	AMOUNT
Annual production costs	530 000,00 €
Annual production costs, taking into account the cost of packaging of bulk supplies	730 000,00 €
Minimum sales price per liter of product	5,00 €
Revenues from sales	5 000 000,00 €
Profit before tax	4 470 000,00 €
Profit before tax, taking into account the cost of packaging of bulk supplies	4 270 000,00 €
Profitability	843%
Profitability, taking into account the cost of packaging of bulk supplies	612%
Payback months from the start of production	0,52
Payback months from the start of production, taking into account the cost of packaging of bulk supplies	0,54

For reference: the amortization period is 12 months

The background of the image is a dark, monochromatic photograph of a dense, textured surface, possibly a cluster of mushrooms or a close-up of a rock formation. The lighting is dramatic, with highlights and shadows that emphasize the intricate, organic shapes. The overall tone is mysterious and naturalistic.

ProtoHumix®

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