

### ORGANIC FERTILIZER OF A NEW GENERATION ECONOMIC EFFECT | HARVEST GROWTH | RESTORING

### **NOVAPEAT**<sup>®</sup>





### CONTENT

- 1. Challenges & opportunities
- 2. Our offer
  - Pros and cons of existing fertilizers
  - NOVAPEAT<sup>®</sup> Organic for growth
  - Advantages of our fertilizer
  - Comparison of indicators with other types of fertilizers
  - Application & effectiveness
- 3. NOVAPEAT<sup>®</sup>: research and implemented projects





## **CHALLENGES & OPPORTUNITIES**

PROBLEMS OF MODERN AGRICULTURAL PRODUCERS



### **Current problems of the agricultural sector**

- The modern world agricultural sector faces many problems associated with intensive farming methods, which lead to a severe depletion of soil fertility.
- Recently, agricultural producers are increasingly faced with a decrease in soil productivity, the concentration of harmful substances in it, coming with fertilizers, plant protection products, and other chemicals.
- Intensive farming methods lead to severe depletion of the humus layer of the soil.
- Due to the constant growth of the population of the Earth and the sharp urbanization, fertile soils suitable for agriculture are becoming less and less.



### We only have 48 years left to get a harvest from the soil on our Planet



The destructive use of mineral fertilizers, chemicals, and pesticides in intensive farming can destroy our Planet in the shortest possible time:

- Today, the composition of land used in the agricultural sector is 85% less mineral and nutrient substances than it was 100 years ago.
- Fertile soil should contain at least 28% organic matter. Today, most soils containing less than 2% organic matter.

All of these factors dramatically reduce the volume and quality of agricultural products.

For example: to get the same amount of vitamin C, today a person needs to eat eight oranges, while our ancestors only needed one







### **OUR OFFER**

# WE OFFER THE BEST SOLUTION FOR ECONOMIC, GROWTH HARVEST AND RESTORING THE SOIL



http://www.humax-eco.com/

### Pros and cons of existing fertilizers on the market

#### **Mineral fertilizers**

are a traditional product widely used in the agricultural sector.

Organic fertilizers, traditional type, such as manure, chicken droppings, compost.

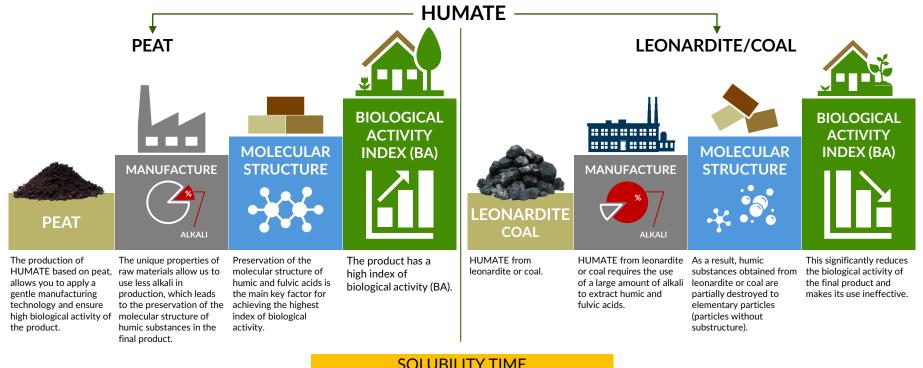
#### Humic acid-based

<u>concentrates</u> are organic additives that are produced from peat, sapropel, and various types of brown coal.

- Mineral fertilizers have a high concentration of nutrients, give a good result in increasing productivity.
- With an increase in application rates, they cause significant damage to the fertile soil layer and sharply worsen its productivity.
  - Mineral fertilizers in agricultural products enter the human body and can ultimately negatively affect human health.
- Organic fertilizers of the traditional type do not harm the soil and humans.
- They have a lower concentration of nutrients and trace elements, so they
  require large amounts of application.
  - They can not complete replacing mineral fertilizers, so they are used only in combination with them.
- Humic concentrates do not harm the soil and humans, contribute to the restoration of soils.
  - They have a sufficiently high efficiency to increase the productivity of agricultural products.
- They can not replace the use of mineral fertilizers, so they are used only in combination with them.



Humates produced on peat have a higher index of biological activity than those based on leonardite/coal.



#### SOLUBILITY TIME



The solubility time of the HUMATE depends on the size of the molecular chains the smaller the molecular chains had been the less time it takes to dissolve. For example, HUMATE is based on leonardite/coal, the molecular chains of which are destroyed to elementary particles, dissolve in 2-3 minutes, but the product has a low indicator of biological activity (BA). In contrast, molecular chains that are preserved by gentle technology have a longer structure and require more time to dissolve. For complete dissolution of HUMATE based on peat in warm water (20-50°C), it takes 3-7 minutes, while the product has a high index of biological activity.



HUMAX I



Low

BA

index

### **Our offer**

Research and production company HUMAX LLC has developed the fertilizer of new generation based on **peat**, **with a high index of biological activity**.

- NOVAPEAT<sup>®</sup> is a complex organic fertilizer that combines all the best indicators of mineral and organic fertilizers.
- **NOVAPEAT**<sup>®</sup> is a fertilizer that is suitable for all types of crops in the agricultural sector.
- NOVAPEAT<sup>®</sup> is a fertilizer used for all types of soils: from fertile to poor soils.





### Advantages of our fertilizer



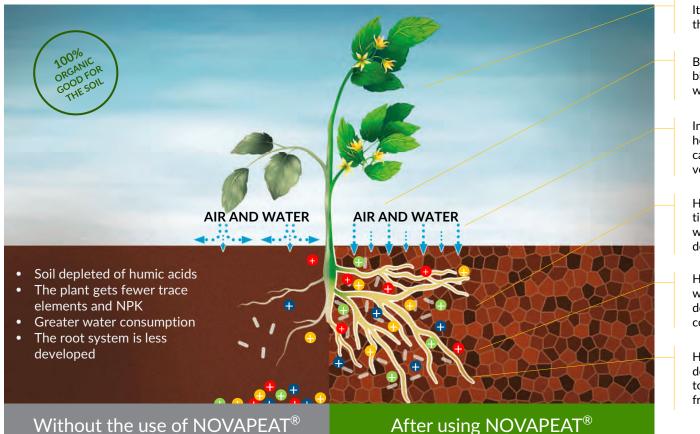
**Density:** 1.08 g/cm3 ± 0.20 **Humidity:** 86.9% ± 1.2 **Dry residue:** 13.1% ± 0.3

#### **NOVAPEAT®** fertilizer advantages:

- The patented technology ensures the preservation of all useful substances, trace elements, and organics of peat – the main raw material;
- The high concentration of nutrients, trace elements, and NPK reduces the application rate;
- Minimizes the use of mineral fertilizers;
- Can be used as a self-sufficient fertilizer, completely excluding the application of other types of fertilizers;
- Adaptable fertilizer composition for different types of soils and crops;
- Possesses enhanced moisturizing effect, which increases soil wettability and its moisture capacity, and decreases the necessity of irrigation by 30%-40%;
- The application of NOVAPEAT<sup>®</sup> in any forms is absolutely safe for human health;
- Contains humus concentrate, which restores and forms a fertile soil layer.



# NOVAPEAT<sup>®</sup> restores the humus layer of the soil, stimulates plant growth, and root system development.



It provides a more developed structure of the stem, leaves, and fruit

By increasing the ability of colloids to bind water, humic acids prevent surface water runoff, cracking, and soil erosion.

Increases the water permeability of heavy soils and increases the moisture capacity of light soils, promotes soil ventilation.

Humic acids, which restore the fertility of tired soil, are also used in areas flooded with heavy rains, which is associated with deterioration of fertility.

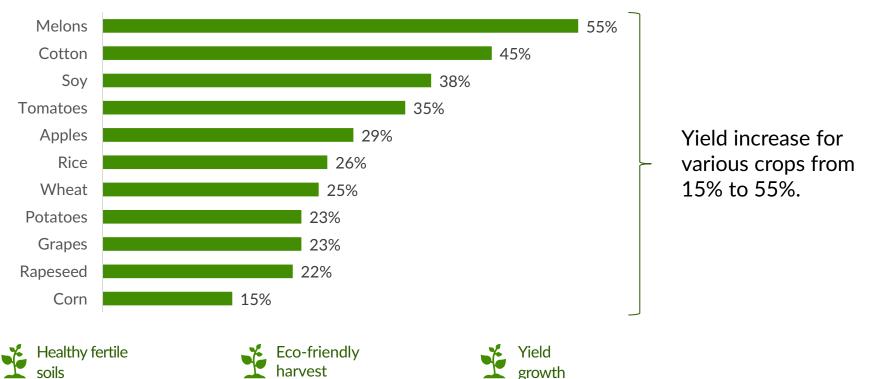
Humic acids create an environment in which beneficial soil organisms can develop correctly under optimal conditions.

Humus and its acids stimulate the development of root hairs, contributing to more efficient absorption of nutrients from the soil.



### **Results application of NOVAPEAT® for various crops**

The effectiveness and safety of fertilizer are confirmed at the test sites of agricultural producers.





# Financial costs for NOVAPEAT<sup>®</sup> in comparison with mineral ones are 33% lower + savings due to the volume, which is 3.4 times less.

Parameter	Mineral (NPK)	Organic	NOVAPEAT®
Effect on plant growth	No	Partly	Yes
Impact on crop growth	Yes	Yes	Yes
Yield growth	1.8 times	1.5 times	2.0 times & more
Soil enrichment	No	Yes	Yes
Seasonality	Yes	Yes	No
Soil frequency in season	2 times	2 times	2-3 times
Decomposition time	Short	Long	Long
Application rates (for barley)	Average	High	Low
- kg per Ha:	515	2 000 - 2 500	120 - 150
Average price per ton	\$ 310	\$ 140	\$ 800
Average costs per Ha	\$ 160	\$ 350	\$ 120
Minuses			
Smell	No	Yes	No
The depletion of the soil	very high	is present	restores
Harm to plants	At high concentration	No	No
Harm to humans	At high concentration	No	No

HUMAX LT

# NOVAPEAT<sup>®</sup> is an excellent solution for the efficient production of agricultural products.



Volume 10/25 l

#### **NOVAPEAT®** super humate

It is the universal organic fertilizer based on humic acids. It has a beneficial effect on the development of a root's powerful system in crops and activates the soil microflora. It improves the absorption of nutrients by plants and contributes to the restoration and preservation of soil fertility, increases productivity, and accelerates germination.

## THE NPK INDICATES CAN BE CHANGED DEPENDING ON THE TYPE OF CULTURE, SOIL, OR CUSTOMER REQUIREMENTS

Composition:	% on dry residue
Sum of humic acids	≥30
including fulvic acids	≥8
Nitrogen (N)	≥1 (customize)
Phosphorus (P)	≥1 (customize)
Potassium (K)	≥1 ( customize)
Mass fraction of moisture	90
Mass fraction of dry matter	10
Organic	≥50
рН	9-12 (customize)



### **NOVAPEAT®** test report

Анинструство свлокого холика на госсойской от уругущи отоссийский госуданский и торого и и инструство и солики отоссийский госуданский и торого и инструство солики МСАХновон К.А. ТИУНИРИТИА.				огдеральное агентство		ТИФИКАЦИИ			
9	(475)	JCXA suscess K 59 B0 P1 A9 - MG	СА, ТИМИРЯЗЕВА СКАзмен КА, Тио	ta specen)					
Terror								<b>COOTBET</b>	CTBI
increase of the second	Children or Th	REPROPERTY	00.01710.00104277021	anala lipèveanado. 250 21 Qionanné 4244			PODD BUIDCOLOCOT		
	127392. F. 890001A. V.8	1 10 1001000000	STUDIAL (AP) PA	-62-19			с лействия с 12.5	12221 110 11.0	1.2824
	100	effe entropy .	12 Understä					Nt	0002835
Ореллические	2. mailement					ОРГАН ПО СКРТИФИКАЦИИ Вирочки с отвечение с постояти Мона, аконститичение, име 5 ког 125.15, пред Масов, писат органия, окатователь (	flw.te FOCG 8U 32354 Scheekfooreres, Nacra a	сиксков скола склидирание Российском беротол	
Junzune: Ca		(on avorance the				Machani, Lacona I interpretation, and 5, man 125130, repeat Macross, gravas Highnauss, controlonitorality	Also 154, crpceses 7 cdu	E olec 11 ger 76921302504,	гетранал
2073 In systems	nien -00- Samuelo	(19.202) a., Bern an		a stills cometing 2021 r.					
BURNEY PROPERTY.	й начер в журовля мратеские чара	a #6.1/21 corportunati				IPOLY KURS Verification for another sparsace real Meteorogen Cympyner (*COUPTE.)			a OK
Significant Septemb		Passana	Хакавуючися вороволи з	House sciences		Neperpess Cymponer +100/19/1+.0	Subsidenty method		201230310
		Quanqueren	a province a						
Гузичали соса:		85	=28	The Section	881 28	COOTBETCTBYET TPEROBAH	HAM ROPMATHER	MX JONYMENTOR	1943
Operation and the	•	15	+1.1	Ext/moni		Ty 20.16 MD 002-20375831 2021, POCT #	10081	K0	a TH BOM
Dynamical Decrys		George Concerner 1997	1.20.7						
darione mat		VE	+1.5	La Remarca 2					
Maximum Joint Cys.	an. 5.	11.2	44,3	1007267046		Изготовитель	The CONVELIGNMENT	atori aster Proper Utilde	
Mercriser accessory	an 15	89,5	-12	FOCT 2010-D		HITOTOBIITEJIL Olaanna I onavaraad amartmaan Gyvensone, U.M. rosevel, max 2 a Suspensening, not indopped inerge Agat Interprete Article Investments	ow 7. Appen spokestopme billioner, Linerparties vo	Monitorian oficiaria, Aprese aprila, OTPH 1107746003322	143 palos 14 anglas +78
Sets without form	1000 P	-9,5				Адыс инкерсност вочны почти-нооб СЕРТИФИКАТ ВЫДАН	DR ni		
-035 148.148 THEFT		80.4				СЕРТІНФИКАТ ВЫДАН Областію є окраінномо опастильни функтици, д.Л. україння с подати баздетські д. Д. Українски Плада Адрес за втраном полік Актаронскії	отью «ПУМАЯС», Юреди- кие 7. Адрект произведство	comit apport Process, 111146, / Macanania es oficieria, Morpaser	Motorie, yri b anti puesas 14
Marca	9		C. Low a comparison	2012/02		Appendiation of the second second for the second	pava evideen literbaneiseeko	Assesse. (1) Pril 1197 (1996) (00)(22.1	
Discourse a res	na 1/4	39.2	18.9			Appendix of the research of the second HA, OCHORA BUR Recovery sector and Bell TU21 Te 101 Specific sector and the second Specific Recovery and the second Specific Recovery and the second Specific Recovery and the second Specific second Specific Recovery and the second Specific second Specific Recovery and the second Specific second Specific second Specific second Specific second	3 on 12 04 2021 man man	and the second second second	roponii Offan
OVER STREET, MARKEN AND	124		+1,1	По Канозалага Тестициясы		Riz 52564 2/1.00035	and generation of the second	Company of Color Color	
	Ourbas offermation		arminal subsection		S 🗐				
Symposic Miller Ontoring and Miller	2 <sup>1</sup> 3 35	12 No.1	+14	la Karennel- Lan oursek	2. 1				
	CACID+ KIND H2 (25)	4.2	=0,6	LEAST STOPPE		TODOTHUTE THAT BHOOP	RHIBA		
			1.1.1.1.1		Ľ	Эксанут Сертификат не вр	DAMORRACICS EDGE DES		
						Сертификат Бе Ај		обседькой сертификаци	
	CHICTEM	а доброво	AILSTOR CEPT	ификации		Сертификат Бе Ај	2000ERACTOR (0) 4 050 2012 - 2 - 118 /6 47(19) 1923/9-134761	айселькой сертификаца 1844.113 - 412 (9 212).	
	OPTATIO HCT	В ПО СЕРТИ БІТАТЕЛЬН	ПФИКАЦИИ П ПЛХ ЛАБОРАТ	РОДУКЦИИ, ОРИЙ И		Сертификат Бе Ај	араарана алараана ал Тапата алараана алара Тапата алараана алара	айселькой сертификаца 1844.113 - 412 (9 212).	т. Т.
	ОРГАПО ИСП СПС	B TIO CEPTI INTATEЛЬН TEM VIENT	НФИКАЦИИ П ПЛХ ЛАБОРАТ ОКМЕНТА КА	РОДУКЦИИ, ОРИЙ И АЧЕСТВА		Сертификал не а	an 2 an 2 a 11 M M O T (12) Personal States Personal States	песельной сертификаци ПИ-1:112-0-12:00 222. Истантикий	т. Т.
	ОРГАПО ИСП СПС	B TIO CEPTI INTATEЛЬН TEM VIENT	НФИКАЦИИ П ПЛХ ЛАБОРАТ ОКМЕНТА КА	РОДУКЦИИ, ОРИЙ И		Сертификал не а	араарана алараана ал Тапата алараана алара Тапата алараана алара	ПК-1312-0912-09222. ПК-1312-0912-09222. БСПАТАНИЙ Экочевия возлотиен 1.13 начения на нет учиство на нет на нет учиство на нет на на нет на нет на на на нет на нет на нет на на нет на нет на на нет на на нет на нет на на нет на на нет на нет на на н	71 340045 4400
	ОРГАНО ИСП СИС Барагара Барагара	B HO CEPTI BITATEЛБИ TRM VIRIE 6AE CONTRACTOR STATEORIES STATEORIES	ИФИКАЦИИ П ПЛХ. ТАБОРА Г «ДИКИЕНТА К БСОЛЮТ» Колонализирания Порторически с порторически с порт	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Coperation of a second	Land and S A LEM AN OTICINA HELE AND	Палана сертеричан Палана сертеричан Палана и 200 2022 Валана и 200	т Тариалог факта Тар
	ОРГАНО ИСП СИС Барагара Барагара	B HO CEPTI BITATEЛБИ TRM VIRIE 6AE CONTRACTOR STATEORIES STATEORIES	ИФИКАЦИИ П ПЛХ. ТАБОРА Г «ДИКИЕНТА К БСОЛЮТ» Колонализирания Порторически с порторически с порт	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Серенфикал на 1 Серен Инжени пака пака прине Нарим и из 2000 Нарим и из 2000 Нарим и из 2000 Нарим и из 2000	ин 2 ин 2 к.П.Н.№ ФТ(15) ИЧТУЭЮТАТЫ ВЦИ на манун Эк.Н.Ч.К. К.К.К.К.К.К.К.К. ЭК.Н.Ч.К. 2021 17 22 11 5 35-304 ЭК.Н.Ч.К. 2021 17 22 11 5 35-304 ЭК.Н.Ч.К. 2021	Dictational corporation of the second	10 7 - 2000000 40000 7 - 200 2000 2000 2000 2000 2000 2000 200
NUMBER OF	ОРГАПО ИСП СПС	B HO CEPTI BITATEЛБИ TRM VIRIE 6AE CONTRACTOR STATEORIES STATEORIES	ИФИКАЦИИ П ПЛХ. ТАБОРА Г «ДИКИЕНТА К БСОЛЮТ» Колонализирания Порторически с порторически с порт	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Серенфикал на 1 Серен Инжени пака пака прине Нарим и из 2000 Нарим и из 2000 Нарим и из 2000 Нарим и из 2000	ин 2 ин 2 к.П.Н.№ ФТ(15) ИЧТУЭЮТАТЫ ВЦИ на манун Эк.Н.Ч.К. К.К.К.К.К.К.К.К. ЭК.Н.Ч.К. 2021 17 22 11 5 35-304 ЭК.Н.Ч.К. 2021 17 22 11 5 35-304 ЭК.Н.Ч.К. 2021	ЗВ-1410-и 120 222. ЗВ-1410-и 120 222. Констранции и 20 222. Солона и 20 222. Солона и 20 222. Солона и 20 22. Солона и	т Загесано факта Зас ан абан жаба
HEIRINATE OFFICE	ОРГАНО ИСП СИС Барагара Барагара	B HO CEPTI BITATEЛБИ TRM VIRIE 6AE CONTRACTOR STATEORIES STATEORIES	ИФИКАЦИИ П ПЛХ. ТАБОРА Г «ДИКИЕНТА К БСОЛЮТ» Колонализирания Порторически с порторически с порт	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Серенфикал на 1 Серен Инжени пака пака прине Нарим и из 2000 Нарим и из 2000 Нарим и из 2000 Нарим и из 2000	с. 2 - С. И. К. Ф. Т. Т. Т. Г. К. Ф. Т. Т. Т. Г.	анськой сертификано ПК-113-от 12-0-222, исслования В Золение законник 1. Законник законник 1. Законник законник 1. Законник законник 1. Законник законник Собрани законник 1. Законник законник Собрани	10 74 300000000 400000 400000 400000 40000 40000 700000 7000000
HCTIBILIATIS.	ОРГАНО ИСП СИС Барагара Барагара	B HO CEPTI BITATEЛБИ TRM VIRIE 6AE CONTRACTOR STATEORIES STATEORIES	ИФИКАЦИИ П ПЛХ. ТАБОРА Г ОСИМЕНТА К БСОЛЮТ» Колоналистика Почато собрание Почато собрание Почато собрание Почато собрание	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Copus University of the second second Paper of the Other Experimentation of the Second Second Experimentation of the Second Seco	на 2 на 2 на ПР № ФТСТО I ната се на селото на се селото на селото на с селото на селото на с селото н	ансалан сертерлини ансалан сертерлини саналан Саналан	10 74 300000000 400000 400000 400000 40000 40000 700000 7000000
KINATA	ОРГАНО ИСП СИС Замачал Болдовалисто	B HO CEPTI BITATEЛБИ TRM VIRIE 6AE CONTRACTOR STATEORIES STATEORIES	ИФИКАЦИИ П ПЛХ. ТАБОРА Г ОСИМЕНТА К БСОЛЮТ» Колоналистика Почато собрание Почато собрание Почато собрание Почато собрание	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal			ин 2 ин 2 и СИ № ФТ(15) ИСТУХЬТАТАЛ ИСТУХЬТАТАЛ ВАЗ на може ВАЗ н	анськой сертификано ПК-113-от 12-0-222, исслования В Золение законник 1. Законник законник 1. Законник законник 1. Законник законник 1. Законник законник Собрани законник 1. Законник законник Собрани	The second secon
	ОРГАНО ИСП СНС Транилового Транилово Транил	DERIO CEPTE INTA TEDISTI CTEM VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CONTRACTOR CO	ПОЛГАЛИИТ И НАХ ЛАБОРАТ (DECORPTA RA ECO.IIOTA RATE AND A COMMAND MARKED AND A COMMAND AND A COMMAND AND A COMMAND TRACCOLOMOUS AND A TRACCOLOMOUS AND A TRACCOLOMOU	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Construction of the second sec	инд ин 2 и СМ АК ФТСТИН НЕУУЛЬТИТАТЬ / НЕУУЛЬТИТАТЬ / ВСИ инд	анськой сертификан англан сертификан англан сертификан англан сертификан Солонен токатор солонен токатор солонен сертификан солонен сертиф	11 74 78 78 78 78 78 78 78 78 78 78 78 78 78
	ОРГАНО ИСП СНС Транилового Транилово Транил	BUDG CEPTE INTERNATION CONTRACTOR AND	ПОЛГАЛИИТ И НАХ ЛАБОРАТ (DECORPTA RA ECO.IIOTA RATE AND A COMMAND MARKED AND A COMMAND AND A COMMAND AND A COMMAND TRACCOLOMOUS AND A TRACCOLOMOUS AND A TRACCOLOMOU	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Constraints on a second		ал салан сертификан ал салан	11 2007 
KURKATA	ОРГАНО ИСП СНС Транилового Транилово Транил	DERIO CEPTE INTA TEDISTI CTEM VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CONTRACTOR CO	ПОЛГАЛИИТ И НАХ ЛАБОРАТ (DECORPTA RA ECO.IIOTA RATE AND A COMMAND MARKED AND A COMMAND AND A COMMAND AND A COMMAND TRACCOLOMOUS AND A TRACCOLOMOUS AND A TRACCOLOMOU	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Construction of the second sec		Alected a copyright course alected and alected and alected al	T T T T T T T T T T T T T T T T T T T
HER STRATE	ОРГАНО ИСП СНС Транилового Транилово Транил	DERIO CEPTE INTA TEDISTI CTEM VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CONTRACTOR CO	ПОЛГАЛИИ П НАХ ЛАБОРАТ (DECORPTA RA ECO.IIOTA RATE AND A COMMAND RATE AND A COMMAND RATE AND A COMMAND TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TO A COMMAND	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Construction of the second sec	روز المحكمة ا محكمة المحكمة المحك محكمة المحكمة المحكم محكمة المحكمة	Rector of the second se	10 7 r 3 3 areason 4 sec 3 sec
	ОРГАНО ИСП СНС Транилового Транилово Транил	DERIO CEPTE INTA TEDISTI CTEM VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CARE VIRILE CONTRACTOR CO	ПОЛГАЛИИ П НАХ ЛАБОРАТ (DECORPTA RA ECO.IIOTA RATE AND A COMMAND RATE AND A COMMAND RATE AND A COMMAND TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TRACCOLOMOUS TO A COMMAND	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Apartment on the second	روز المحكمة ا محكمة المحكمة المحك محكمة المحكمة المحكم محكمة المحكمة	Rector of the second se	Tr Janeman Assa Assa Assa Assa Assa Assa Assa As
	ОРГАНО ИССИ Заралено Баралено и и Баралено и и Баралено и и Баралено и и Солотора и разлика Солотора и разлика ПРОТОКК За области	B TIO CEPTE INTATERIAL TRAN WRITE SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL DISTRIBUTION OF A DISTRICT INTERNATIONAL DISTRIBUTION	HOREAUTH II IIIAN, LAGOPA (DUNIETA KA SCOLIOTA IIIAN AND AND AND AND AND IIIAN TO AND AND AND AND ANTHON ANTHON ANTHON	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Construction of the second sec		Annual Complexity and the set of	Tr T
	ОРГАНО ИССИ Заралено Баралено и и Баралено и и Баралено и и Баралено и и Солотора и разлика Солотора и разлика ПРОТОКК За области	B TIO CEPTE INTATERIAL TRAN WRITE SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL DISTRIBUTION OF A DISTRICT INTERNATIONAL DISTRIBUTION	HOREAUTH II IIIAN, LAGOPA (DUNIETA KA SCOLIOTA IIIAN AND AND AND AND AND IIIAN TO AND AND AND AND ANTHON ANTHON ANTHON	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Constant of the second			The second secon
an guanne Land Land	ОРГАНО ИССИ Заралено Баралено и и Баралено и и Баралено и и Баралено и и Солотора и разлика Солотора и разлика ПРОТОКК За области	B TIO CEPTE INTATERIAL TRAN WRITE SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL DISTRIBUTION OF A DISTRICT INTERNATIONAL DISTRIBUTION	HOREAUTH II IIIAN, LAGOPA (DUNIETA KA SCOLIOTA IIIAN AND AND AND AND AND IIIAN TO AND AND AND AND ANTHON ANTHON ANTHON	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Construction of the second sec		Reaction (September 2014) Reaction (September 2	17 3 Strengton 3 S
	ОРГАНО ИССИ Заралено Баралено и и Баралено и и Баралено и и Баралено и и Солотора и разлика Солотора и разлика ПРОТОКК За области	B TIO CEPTE INTATERIAL TRAN WRITE SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL DISTRIBUTION OF A DISTRICT INTERNATIONAL DISTRIBUTION	HOREAUTH II IIIAN, LAGOPA (DUNIETA KA SCOLIOTA IIIAN AND AND AND AND AND IIIAN TO AND AND AND AND ANTHON ANTHON ANTHON	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Annahara e a la consente de la consente la consente de la consente la consente de la consente la consente de la consente la consente de la consente de la consente de la consente de la consente de la co			To To Starouney
an operation (constrained and constrained and const	ОРГАНО ИССИ Заралено Баралено и и Баралено и и Баралено и и Баралено и и Солотора и разлика Солотора и разлика ПРОТОКК За области	B TIO CEPTE INTATERIAL TRAN WRITE SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL SALES INTERNATIONAL DISTRIBUTION OF A DISTRICT INTERNATIONAL DISTRIBUTION	HOREAUTH II IIIAN, LAGOPA (DUNIETA KA SCOLIOTA IIIAN AND AND AND AND AND IIIAN TO AND AND AND AND ANTHON ANTHON ANTHON	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Approximate on the second seco	Lab. J. C.D. M. 47 (1)           Lab. J. 47 (1)		To To Starouney
on gaaraan Loogo uuruu uuruu uuruu uuruu uuruu	CHARGE STATES	BID CEPTI INTATEDIA CONTRACTOR CO	неонтации и практа кака транута кака дикинита кака дикинита кака на кака на кака трана кака на кака трана	POJIVELUH, OPHI H AHLCIBA mervyalumu mervyalumu negyean rendaal		Approximate and an approximate and approximate and approximate app		Restored Completence	99 7. 3 Sareway 4 Art 4
	Print	BID CEPTI INTATEDIA CONTRACTOR CO	неонтации и практа кака транута кака дикинита кака дикинита кака на кака на кака трана кака на кака трана	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Approximate and approximate and approximate and approximate approx			99 7. 3 Sareway 4 Art 4
on gaaraan Loogo uuruu uuruu uuruu uuruu uuruu	CHARGE STATES	BID CEPTI INTATEDIA CONTRACTOR CO	неонтации и практа кака транута кака дикинита кака дикинита кака на кака на кака трана кака на кака трана	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Approximate and approximate and approximate and approximate approx		Annual comparison Bit Status (Comparison (Comparison) Bit Status (Com	99 7. 3 Sareway 4 Art 4
	Print	BID CEPTI INTATEDIA CONTRACTOR CO	неонтации и практа кака транута кака дикинита кака дикинита кака на кака на кака трана кака на кака трана	Редсьятитен, органа на число органа на общала на общало общала общала общала общала общала общала общала обща общала общала обща общала обща обща общала общала общала общала общала общала обща общала обща обща обща обща обща обща обща общ		Approximate on a second		Restored Completence	99 3 Januaria 3

- Product research of the NOVAPEAT was conducted at the Testing center for Soil and Environmental Research at the Russian state AGRARIAN UNIVERSITY named after K. A. TIMIRYAZEV of the Ministry of Agriculture of the Russian Federation
- The research Protocol No. 86 from 01/09/21
- CERTIFICATE OF CONFORMITY No. 0002835
- Protocol to CERTIFICATE No.FT0721PI-1/113

The protocol can be provided to the customer upon request





### **APPLICATION OF NOVAPEAT®**

Suitable for all types of soil and all crops



http://www.humax-eco.com/

### Areas of application of NOVAPEAT®:

**NOVAPEAT® can be used for all types of soils in the agricultural sector.** Thanks to the unique function of restoring the fertile layer, our fertilizer is used as a reducing agent for the following types of soils:

- depleted;
- eroded, with disturbed;
- soil structure, on which chemical plant protection products and mineral fertilizers have been used for a long time;
- desert and arid;
- saline;
- sandy and sandy loam, with a minimum content of organic nutrients.





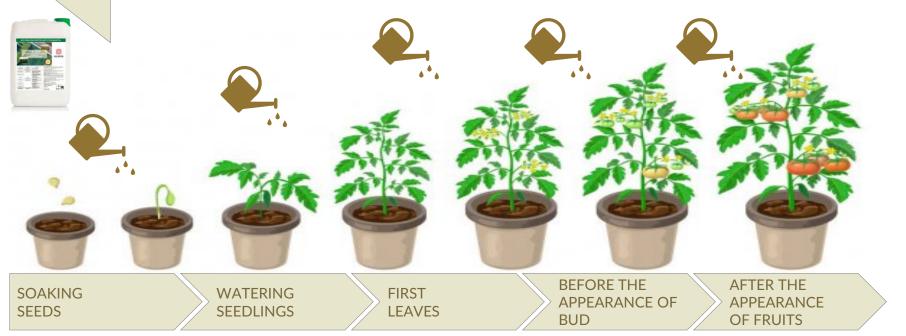
### **NOVAPEAT**<sup>®</sup> can be used for all types of crops



### Stages of application of NOVAPEAT®

NOVAPEAT<sup>®</sup> applications at different stages of germination

Our fertilizer can be used at any stage of plant development. Young roots, leaves, and growing seedlings respond more to the use of humic substances since young tissues have more active mechanisms for transferring nutrients.



\* Instructions for use can be developed individually for each buyer and is made on request, according to the provided soil analyses and the type of agricultural crop.





## **RESEARCH & PROJECTS**

#### EXECUTED PROJECTS AT TEST SITES



http://www.humax-eco.com/

### The results of the application of NOVAPEAT® on test sites

In the Istrinsky area (Moscow region), field tests of NOVAPEAT<sup>®</sup> fertilizer had been carried out on an agricultural crop – rapeseed, on a plot of 2 hectares. As a result, the yield of rapeseed increased by 22% or 748 kg per hectare, compared to the traditional technology of rapeseed cultivation (standard scheme of application of mineral fertilizer).

On the site with the use of NOVAPEAT<sup>®</sup>, oilseed rape plants looked more active, they had more leaves and a more developed root system. In later stages, the plant had a larger number of buds, which subsequently contributed to an increase in yield.

Site	Type of Fertilizer	Yield	Difference in yield	Difference in yield	Average costs	Add. growth income
		c/Ha	c/Ha	%	\$/c	\$/Ha
Istra distric	NPKS	34.0	-	-	3.80*	-
Istra distric	NOVAPEAT®	41.48	+7.48	+22%	2.90**( <mark>-31%</mark> )	+329***

\* the average price of mineral fertilizers NPKS (21-10-10-2) - \$310 / ton, the consumption of the addition is made at the rate of 415 kg / Ha \*\* the average price of NOVAPEAT® fertilizer is \$800 / ton, the application rate is calculated at the rate of 150 kg / Ha \*\*\*the average sales price for rapeseed as of November 2020 - \$440 / ton

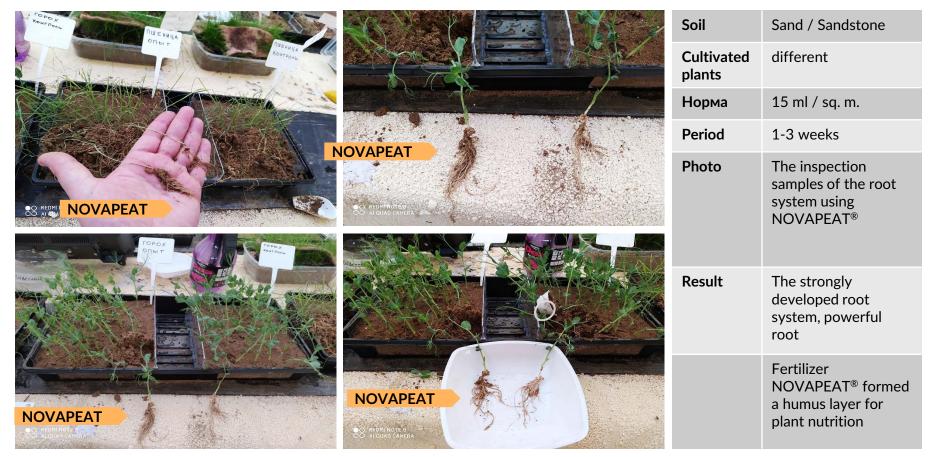


# The results of the application of NOVAPEAT<sup>®</sup> in the conditions of sandy and clay soils

	Soil	limestone substrate
NOVAPEAT	Photo	Left: without adding NOVAPEAT <sup>®</sup> Right: with the addition of NOVAPEAT <sup>®</sup>
	Rate	15 ml / sq. m.
16 11.2007	Site	Hashemite Kingdom of Jordan
	Soil	sand
NOVAPEAT	Photo	left side with NOVAPEAT® right side without adding NOVAPEAT®
NOVAPEAT	Result	The root system of the plant is more developed



# The inspection results of NOVAPEAT® application: comparison of the plant root system





### The test results of using NOVAPEAT® for various crops on sand soil

COP 444A O TO IT I TO P 44 4A KD HTPOAD COTO IT I TO P 44 4A KPA CH AB COTO IT	Soil	Sand / Sandstone
	Cultivated plants	Mustard Red fescue Ryegrass Wheat
	Rate	15 ml / sq. m.
NOVAPEAT	Period	1-3 weeks
PA QL VI AL	Photo	Container marked "Experience" - cultivated plants using NOVAPEAT®
	Result	High germination of crops on sandy soil
NOVAPEAT       http://www.humax-eco.com/	HU	MAX LTD 🂥

### The test results of using NOVAPEAT® for various crops on sand soil

	Soil	Sand / Sandstone
	Cultivated plants	Peas Rapeseed
NOVAPEAT NOVAPEAT	Rate	15 ml / sq. m.
NOVAPEAT	Period	1-3 weeks
PARC ORBIT PARC KONTPORT	Photo	Container marked "Experience" - cultivated plants using NOVAPEAT®
	Result	High germination of crops on sand soil The branched root system of a plant
NOVAPEAT       NOVAPEAT       ALGUAD CAMERA       http://www.humax-eco.com/	HU	MAX LTD 🂥

### The test results of using NOVAPEAT® for various crops on sand soil

