

APPROVED

Deputy Chairman of the
Organizing Committee



Dmytro BABENKO
May 18, 2023

**Rating of research project submitted to the International Student Professional Creative Competition
“Agricultural Sciences and Food” in agronomy (I round II stage)**

No	IHE, country 2	Work title 3	Authors 4	Academic advisor(s) 5	GPA 6
1	Mykolaiv National Agrarian University, Ukraine	The influence of biological preparations on the productivity of spring barley Hermes, Avator and Vakula in the conditions of the Southern Steppe of Ukraine	Ryabov Denys, Bershadsky Illya	Kuvshynova Anna	96,0
2	Uman National University of Horticulture, Ukraine; Akademia Ekonomiczno-Humanistyczna w Warszawie, Poland	Technology of growing peanuts of the Tsvetelina variety	Oliinyk Maksym, Kostiv Andrii	Tretiakova Svitlana, Joseph Uwagaba Caleb	95,5
3	Uzhhorod National University, Ukraine	Using of permaculture in cultivation of low-distributed new cultures chufa and sweet potatoes in polyculture by organic technology in Transcarpathia	Marhitai Volodymyr	Margitay Lyubov	95,0
4	Kremenchuk Mykhailo Ostrohradskyi National University, Ukraine; Lodz University, Poland	Obtaining fertilizer based on a waste methanogenic substrate	Kuzin Yaroslav, Kulbachko Anastasiia	Pasenko Alona, Digtiar Sergii	92,0
5	Dmytro Motornyi Tavria State Agrotechnological University, Ukraine	Influence of microbiological preparation and biostimulators on the formation of yield of peas (<i>Pisum sativum</i> L.) under the conditions of the Southern Steppe of Ukraine	Tokarev Oleksandr, Mishchuk Dmitro	Kolesnikov Maksym	89,5

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6	Lviv National Environmental University, Ukraine; University of Wrocław Journalism and Social Communication, Poland	The results of the creation of selection-valuable potato hybrids by the method of stepwise intervarietal hybridization	Muzyka Ihor, Zharyna Darya	Zaviryuha Petro	88,5
7	Mykolaiv National Agrarian University, Ukraine; Kremenchuk Mykhailo Ostrohradskyi National University, Ukraine	The influence of sowing dates on the seed productivity of vegetable chrysanthemum	Yarovy Vladyslav, Ivasenko Yuliia	Mykolaichuk Vira, Pasenko Alona	85,0
8	State Biotechnology University, Ukraine	The formation of yield and quality of broccoli cabbage products depending on the characteristics of the hybrid in the conditions of the Left Bank Forest Steppe of Ukraine	Kozyr Denys, Hamim Youness	Romanov Oleksiy	83,5
9	Poltava State Agrarian University, Ukraine	Innovative methods of increasing the productivity and yield of leguminous crops for targeted use	Domishkevych Iryna	Marenych Mykola	82,0
10	Mykolaiv National Agrarian University, Ukraine	Analysis of the productivity of grape varieties depending on the varietal composition in the conditions of southern Ukraine	Hordyniak Hryhorii, Kaul Tetiana	Fedorchuk Valentyna	81,5
11	Sumy National Agrarian University, Ukraine; University of Applied Sciences Weihenstephan-Triesdorf, Germany	Adaptive potential of potato genotypes in the agro-ecological conditions of the North-East Region of Ukraine	Butenko Kateryna, Karpenko Maryna	Butenko Yevheniia	80,5
12	Mykolaiv National Agrarian University, Ukraine; Alecu Russo State University of Balți, Moldova	Biotechnological measures of obtaining planting material of english lavender in in vitro culture	Bahliuk Uliana, Rotar' Aleksandra	Manushkina Tetiana, Boincean Boris	80,5

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13	Odessa State Agrarian University, Ukraine	Innovations in the technology of growing soraya f1 strawberry hybrid from seeds under artifical light conditions	Skydanchuk Oksana, Melnichenko Andrii	Balan Galyna	77,5
14	Mykolaiv National Agrarian University, Ukraine	Formation of sunflower productivity through optimization of feeding in the conditions of Southern Ukraine	Migovich Timur, Shelinher Anatolii	Smirnova Iryna	77,0
15	Dnipro State Agrarian and Economic University, Ukraine	The influence of complex growth regulators on the yield of winter wheat grown on different precursors	Bozhko Oleksandr, Husarova Svitlana	Pozniak Vasyl, Mytsyk Oleksandr	76,5
16	Mykolaiv National Agrarian University, Ukraine; Wroclaw University of Technology, Poland	Improvement of adaptive technology of growing new sunflower hybrids in the conditions of Southern Ukraine	Hrushyna Victoria, Popeniuk Ksenia	Domaratskiy Yevheny	76,0
17	Central Ukrainian National Technical University, Ukraine; Al-Balga Applied University, Jordan	Tomato growing by using aggregatponics in DWS modules	Dovgopoly Oleksandr, Batool fawaz Salman Al Manaseer	Mostipan Mykola	73,0
18	Lutsk National Technical University, Ukraine	Features of using digital field models and vegetation indices for assessing crop condition in the Volyn upland region	Zhuk Maksym	Fedonyuk Mykola, Merlenko Ihor	72,0
19	Vinnytsia National Agrarian University, Ukraine	Control of weed vegetation in the technology of growing peas for grain in the conditions of the experimental field of VNAU	Tantsyura Viktoriya, Yashchuk Taras	Shkatula Yuriy	71,0
20	National University of Water and Environmental Engineering, Ukraine	Biological methods of protection the <i>Brassica oleracea</i> in the fight against <i>Pieris brassicae</i> L.	Hrebenets Maksym	Solodka Tatiana	71,0
21	University of São Paulo, Brazil	Dinâmica de plantas daninhas em sistemas de integração Lavoura-Pecuária-Floresta	Milena Rodrigues Ravanini	-	71,0
22	Dmytro Motornyi Tavria State Agrotechnological University, Ukraine	Formation of raspberry yield depending on the elements of growing technology in the southern Steppe	Derevianyk Artem, Mikhalev Ihor	Maliuk Tetiana	70,5

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23	Sumy National Agrarian University, Ukraine	Identification of corn hybrids using PCR diagnostics	Nedohybchenko Anastasia, Stashko Maksim	Vereshchahin Ihor	70,5
24	Dnipro State Agrarian and Economic University, Ukraine	Modern winter wheat varieties and its agricultural-value traits under north steppe conditions	Shuhay Alina, Chesnok Serhiy	Nazarenko Mykola, Izhboldin Oleksandr	70,5
25	Sumy National Agrarian University, Ukraine	Agrophysical power of the soil under advanced technologies of vvs growth in the minds of the Livobrezhny Lisostepu of Ukraine	Lutsyk Ruslana, Martiian Kateryna	Masyk Ihor	70,0
26	Kremenchuk Mykhailo Ostrohradskyi National University, Ukraine	Application of multi-substrate organic mixtures based on agricultural waste as fertilizers	Yukhymenko Anna, Honchuk Maryna	Pasenko Alona, Digtiar Sergii	70,0
27	State Biotechnology University, Ukraine	The influence of leguminous precursors of winter wheat on individual indicators of soil fertility	Kytniukh Inna, Konchukova Sofiya	Kudrya Nadiya	69,5
28	State Biotechnology University, Ukraine	Assessment of soil fertility parameters under the conditions of optimization of nutrition of tomato plants for organic technologies	Savko Anatoliy, Ryabchuk Volodymyr	Romanova Tetyana	69,0
29	Private School Agricultural Vallée De L'hérault, France	The influence of zero tillage of the soil in crop rotation on its main water-physical properties during the growing of corn in the conditions of the FG "Olena" of the Vosnesen district, Mykolaiv region	Drobitko Andriy, Kosi Ade	Smirnova Iryna	69,0
30	Kharkiv National Automobile and Highway University, Ukraine, Academy of Applied Studies Šabac, Serbia	Energy of seed germination depending on treatment with optical radiation of red range	Veremko Polina, Mijatović Ivana	Pankova Oksana, Ignjatović Jelena	69,0
31	Kharkiv National Automobile and Highway University, Ukraine, Academy of Applied Studies Šabac, Serbia	Ensuring land protection through the processing of technogenic raw materials	Shavro Dmytro, Popović Suzana	Kaliyzhna Yuliia, Ignjatović Jelena	69,0

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32	Central Ukrainian National Technical University, Ukraine	Biological preparations as a factor of cucumber protection against fungal infections in the conditions of film greenhouses	Michailova Daria, Seredenko Dmytro	Kovalov Mykola	68,5
33	Odessa State Agrarian University, Ukraine	Increasing the efficiency of agricultural production in the organic agriculture segment in the climate change conditions	Markhonos Andrii	Petrenko Svitlana, Valentiuk Nataliia	68,5
34	Kremenchuk Mykhailo Ostrohradskyi National University, Ukraine	Poultry droppings as a secondary raw material in biogas production technology	Shchikota Dasha, Pushkariova Darya	Digiari Sergii, Maznytska Oksana	68,5
35	Kremenchuk Mykhailo Ostrohradskyi National University, Ukraine	Phytostimulating effect of fertilizer based on the biomass of blue-green algae	Kovalenko Nadia, Zakopai Bohdan	Pasenko Alona, Novokhatko Olha	68,5
36	Dmytro Motornyi Tavria State Agrotechnological University, Ukraine	The effect of mecorrhization on the biochemical composition of sweet cherry fruits	Shipilenko Evgeniya	Gerasko Tetyana	68,0
37	Vinnytsia National Agrarian University, Ukraine	The influence of pre-sowing treatment of sunflower seeds with biological products on crop formation	Bugay Olga, Ishchenko Olga	Kovalenko Tetiana	68,0
38	Zhytomyr Polytechnic State University	Environmental impact assessment of the mineral fertilizers and pesticides on agricultural soils	Kuzmenko Vladyslav, Popova Karina	Bordiug Nataliia, Alpatova Oksana	68,0
39	Vasyl Stefanyk Precarpathian National University, Ukraine	The productivity of camelina sativa seeds in the conditions of the Western Region of Ukraine	Artamoniv Ivan, Lysiuk Marta	Hryhoriv Yaroslava	68,0
40	Vasyl Stefanyk Precarpathian National University, Ukraine	Productivity of agricultural crops in short crop rotation in Western region conditions	Dutchak Yaroslav, Stovba Yuliia	Karbivska Uliana	68,0
41	Vinnytsia National Agrarian University, Ukraine	The influence of protective-stimulating substances on the productivity of potato varieties in the conditions of the Right River Forest Steppe	Boyko Oleksandr, Yakovets Alina	Polishchuk Mikhailo	67,5

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42	Mykolaiv National Agrarian University, Ukraine	The influence of mineral fertilizers and bio preparations on the productivity of winter wheat in the conditions of the "Byalyk" fop of the Vosnesen district, Mykolaiv oblast	Kablucha Anna, Zakharchuk Oleksandr	Kuvshinova Anna	67,5
43	Vinnytsia National Agrarian University, Ukraine	The state and prospects of the production of organic products in Ukraine during the period of martial law	Manilko Vadim, Bazan Karina	Amons Sergey	67,0
44	Vinnytsia National Agrarian University, Ukraine	Substantiating the standards for sowing the seeds of the rod-shaped millet (switchgrass) in the conditions of the Right Bank Forest-Steppe	Hoi Maksym, Nesposudniy Taras	Mazur Oleksandr	66,5
45	Kharkiv National Automobile and Highway University, Ukraine, Academy of Applied Studies Sabac, Serbia	Impact of climatic factors on the wheat harvest	Sasina Vladyslava, Milinović Mladen	Prokopenko Nataliia, Ignjatović Jelena	66,5
46	Uman National University of Horticulture, Ukraine	Productivity of yaro rice under different fertilizers and herbicides applications	Bezpiatchuk Serhii, Krysachenko Yevhenii	Tretiakova Svitlana	66,0
47	Dnipro State Agrarian and Economic University, Ukraine	Improvement of technological methods of growing micro greens in the conditions of the private enterprise "Mays" of the Pyatikhats district of the Dnipropetrov region	Musienko Bohdan, Blyshchik Viktor	Kotchenko Marina	66,0
48	Central Ukrainian National Technical University, Ukraine	Conveyor cultivation of kohlrabi cabbage in the conditions of the Northern Steppe of Ukraine	Mahan Alina, Kolodyeyeva Kateryna	Shcherbiyna Yevgeniia	66,0
49	Polissia National University, Ukraine	Features of the application of organic technology of growing thistle on depleted soils of Zhytomyr region	Trembitsky Stanislav, Krestianinov Artem	Zhuravel Serhii	66,0
50	Kherson State Agrarian end Economic University, Ukraine	Productivity of winter barley depending on seeding rates in the conditions of the Southern Steppe of Ukraine	Kirilenko Georgiy	Revto Olesia	66,0

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51	Dmytro Motornyi Tavria State Agrotechnological University, Ukraine	Influence of pre-sowing seed treatment on the activation of the primary growth processes in winter wheat (<i>Triticum aestivum</i> L.) plants	Diatkova Yelyzaveta, Demchenko Maksym	Bilousova Zoia	65,5
52	Central Ukrainian National Technical University, Ukraine	Determining the efficiency of agrodrones in the precision agriculture system	Andriienko Ivan, Filonchuk Alina	Vasylkovska Kateryna	65,5
53	Central Ukrainian National Technical University, Ukraine	The influence of growth regulators on the formation of fodder beet productivity in Central Ukraine	Umanets Vitalii, Bantysh Oleksandr	Kulyk Galyna	65,5
54	National University of Water and Environmental Engineering, Ukraine	Assessment of pollution of winter crops in the transition zone of the forest-step	Filippova Ruslana	Volodymyrets Vitaly	65,5
55	Poltava State Agrarian University, Ukraine	Influence of variety and seed inoculation on the productivity of chickpea (<i>Cicer arietinum</i> L.)	Bahrii Kyrylo	Bahan Alla	65,5
56	National University of Water and Environmental Engineering, Ukraine	Effectiveness of application of preparations of humic nature on corn	Korobchuk (Bakai) Sofiia	Oliinyk Oksana	65,0
57	Poltava State Agrarian University, Ukraine	Influence of varietal properties on the formation of peanut productivity (<i>Arachis hypogaea</i> L.)	Malonoha Oksana	Yurchenko Svetlana	65,0
58	Uman National University of Horticulture, Ukraine	Breeding value of spring barley varieties under the conditions of the Uman National University of Horticulture	Kolesnik Svitlana, Zabudko Bohdan	Tretiakova Svitlana	64,5
59	Sumy National Agrarian University, Ukraine	Biological aspects of the amaranth weevil (<i>Lixus subtilis</i> Boh.) on quinoa culture in the conditions of the educational and scientific production complex of the Sumy National Agrarian University	Anisimov Denis, Zinchenko Denis	Yemets Oleksandr	64,5
60	State Biotechnology University, Ukraine	Pests of oil producing cabbage crops in the Eastern Forest-Steppe of Ukraine	Nekrevych Yulia, Orlov Kyrylo	Stankevich Serhii	64,5

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61	Bila Tserkva National Agrarian University, Ukraine	Corn productivity in organic farming on research field of Bila Tserkva National Agrarian University	Kotinin Yurii	Yezerkovska Liudmila	64,5
62	Polissia National University, Ukraine	Soybean Productivity based on Calciprill Bates	Herasymov Vadym, Svynarskyi Mechyslav	Kravchuk Mykola	64,0
63	National Aviation University, Ukraine	Process flow of apple cider vinegar in home environments	Shportak Margo, Kaidaniuk Denys	Baranovskyi Mykhailo	63,5
64	Dmytro Motornyi Tavria State Agrotechnological University, Ukraine	The formation of the productivity of intensive apple plantations depends on the scheme of planting trees in the conditions of the Southern Steppe of Ukraine	Mikulyak Ivan, Ragulin Oleksiy	Kozlova Liliia	62,5
65	Uman National University of Horticulture, Ukraine	The productivity of spring repa depends on the rate of seed sowing in the Right-Bank Forest Steppe	Rybichenko Illia, Boiko Anatolii	Tretiakova Svitlana	62,5
66	Lutsk National Technical University, Ukraine	The influence of molasses bard on agrochemical indicators chernozem podzolic	Herman Iryna	Zinchuk Mykola	62,5
67	Dmytro Motornyi Tavria State Agrotechnological University, Ukraine	Adaptability of soybeans of different varieties when grown under irrigation in the conditions of the southern Steppe of Ukraine	Movlyk Ivan, Drozhov George	Pokoptseva Liubov	61,5
68	Polissia National University, Ukraine	Comparative characteristics of growing varieties of winter rye in Polissia conditions	Hryhorchuk Vladyslav, Shulha Serhii	Stotska Svitlana	61,5
69	Polissia National University, Ukraine	Changes in acid-base properties of sod-podzolic soil	Petrenko Nataliia, Polischuk Ivanna	Dovbysh Larysa	61,0
70	Uman National University of Horticulture, Ukraine	Formation of productivity of corn hybrids depends on agrotechnical measures in the conditions Southern Steppe of Ukraine	Palianychko Ivan, Andrushchak Ihor	Tretiakova Svitlana	60,0
71	Polissia National University, Ukraine	Oat seed yield depending on fertilizer and sowing rates	Nychyporchuk Maryna, Pachev Maksym	Panchyshyn Vasyl	60,0

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72	Uzhhorod National University, Ukraine	Formation of the crop of vegetable beans using Rhizohumin	Opalenyk Mykhailo	Sadovska Nadiya	60,0
73	Kharkiv National Automobile and Highway University, Ukraine, Akaki Tsereteli State University, Georgia	Researching the degradation of roadside plant communities	Shatalov Denys, Dgebuadze Ana	Zhelnovach Ganna, Gabunia Maia	60,0
74	University of São Paulo, Brazil	Controle biológico em plantas daninhas	Inaê Aparecida Madeira Alves	-	60,0
75	State Biotechnology University, Ukraine	The effectiveness of the use of the complex biological preparation "Mega Vrozhai" on the formation of indicators of yield and grain quality of winter wheat	Aksenko Pavlo, Golovko Oleksandr	Derevyanko Iryna	59,5
76	Dnipro State Agrarian and Economic University, Ukraine	Prospects for the use of BM nano-biochar to increase the utilization rate of nutrients from fertilizers	Klymenko Ostap, Zinchenko Vitaliy	Kramaryov Serhii, Izhboldin Oleksandr	59,0
77	Mykolaiv National Agrarian University, Ukraine	The effect of biological preparations on the productivity of spring barley varieties in the conditions of the NNPC of the Ukrainian National Academy of Sciences	Litvinov Ivan, Lobchuk Kateryna	Kuvshinova Anna	57,5
78	Odessa State Agrarian University, Ukraine	Organic production and organic nutrition through the eyes of students	Shamanova Sofia, Korolenko Irina	Moskalyuk Inna, Sakun Nikolai	55,0
79	Private School Agricultural Vallée De L'hérault, France	Growing of grapes in different regions of France	Key Julien, Leguons Floris	Kuvshynova Anna	55,0
80	Kremenchuk Mykhailo Ostrohradskyi National University, Ukraine	The use of cattle manure as an organic substrate in the biotechnology of methanogenesis	Beihul Anna, Ivaskiv Bohdan	Pasenko Alona, Digtiar Sergii	53,5
81	Private School Agricultural Vallée De L'hérault, France	Characteristics of the varietal composition of grape plantations in the Occitan region of France	Ruogen Triston, Toad Jonathan	Nikonchuk Natalia	47,5
82	Private School Agricultural Vallée De L'hérault, France	Sugar beet cultivation in France	Key Julien	Kuvshinova Anna	36,5

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83	Kharkiv National Automobile and Highway University, Ukraine, Academy of Applied Studies Šabac, Serbia	Ensuring environmental safety of the roadside space from oil pollution	Oleksiuk Anna, Pavlović Dejana	Vnukova Natalia, Ignjatović Jelena	25,0

Chairman of the Jury

Yevheny DOMARATSKYI

Secretary of the Jury

Tetiana MANUSHKINA

May 16, 2023