

**Results of the II round of the International Competition of Student Scientific Works "Agricultural Sciences and Food"
in the specialty 208 "Agroengineering"**

№	Higher education institution (country)	Work title	Authors	Academic advisor(s)	Scores		Total points	Diploma, degree
					I stage	II stage		
1	2	3	4	5	6	7	8	9
1.	Mykolayiv National Agrarian University (Ukraine)	Substantiation of technological and kinematic parameters of the fork-separating device of the KKP-3 corn harvester	Golub Denis	Hruban Vasil	97,5	18,94	116,44	I
2.	Belarusian State Agrarian Technical University (Belarus)	Development of a stand and methods for diagnosing robotic gearboxes dsg	Anishchenko Artem, Serebryakov Igor	Gursky Alexander, Serebryakova Natalia	96	17,88	113,88	I
3.	University of Opole (Poland), Mykolayiv National Agrarian University (Ukraine)	Use of high-viscosity fuel by agricultural tractors	Olga Kalinichenko, Eduard Novikov	Barbara Wlodarczyk, Havrish Valeriy	95	18,35	113,35	I
4.	Sumy State University (Ukraine)	Design and technological support for processing parts such as brackets	Amelin Mykhailo, Sholomytskyi Oleksiy	Ivanov Vitaliy, Zaloha Viliam	93,5	19,18	112,68	I
5.	Dnipro State Technical University (Ukraine)	Study of the dynamics of the Chua chain	Rudenko Andriy	Voliansky Roman	96	16,18	112,18	I
6.	National University of Life and Environmental Sciences of Ukraine (Ukraine)	Improvement of auger conveyor protection devices	Dubrovina Olga, Povarchuk Olga	Trokhanyak Oleksandra, Bistriy Oleksandr	91	19,35	110,35	I

7.	Kherson Branch Admiral Makarov National University of Shipbuilding (Ukraine), ISMA University of Applied Sciences Riga, (Latvia)	Improvement of heat exchangers of refrigeration units	Bielientsov Dionisii, Chelpanov Andrew	Caiko Jelena, Smolyana Anna	94	15,24	109,24	I
8.	State Agrarian University of Moldova (Moldova), Mykolayiv National Agrarian University (Ukraine)	Development of a complex biothermal installation for agriculture	Chobanu Victor, Nor Rustam	Michael Gadibadi, Baranova Olena	85,5	17,94	103,44	II
9.	Kharkiv National Automobile and Highway University (Ukraine)	The car taking into account their aerodynamic characteristics and constancy of movement	Shatikhina Valeria	Abramov Dmitry	82,5	19,65	102,15	II
10.	University of Opole (Poland), Poltava State Agrarian University (Ukraine)	Substantiation of the project proposal for processing the organic component of solid waste into compost	Rosiak Jaroslav, Andriy Lazurenko	Antonina Kalinichenko, Sergey Lyashchenko	81	18,71	99,71	II
11.	Czestochowa University of Technology (Poland), Mykolayiv National Agrarian University (Ukraine)	Automated water-fuel emulsion system for tractor diesel	Aleksandra Pich, Gubnytsky Alexander	Anna Brzozowska, Havrish Valeriy	79,5	20,12	99,62	II
12.	Jiangsu University of Science and Technology (JUST) (China), Admiral Makarov National University of Shipbuilding (Ukraine)	Improving the efficiency of machines and mechanisms of the agro-industrial complex through the use of plain bearings with curved generators of the inner cylindrical surface	Wang Zishuo, Kondratieva Anna	Bondarenko Alexander, Oleg Savenkov	82	16,94	98,94	II

13.	Sumy State University (Ukraine)	Development and research of control and measuring device for control of radial beating of cylinder liner	Parfentsev Ivan	Degtyarev Ivan	79	18,82	97,82	II
14.	Mykolayiv National Agrarian University (Ukraine) Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Mathematical modeling of the technological process of processing the seed mass of vegetables and fruits	Postulga Maxim, Zaikin Dmitry	Atamanyuk Igor, Prus Viacheslav	81	16,35	97,35	II
15.	Kostanay Regional University named after A. Baitursynov (Kazakhstan), Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Multi functional sowing unit	Nurbolat Beisenbayev, Voitenko Igor	Kravchenko Ruslan, Nekrasov Andriy	80,5	16,65	97,15	II
16.	Dnipro State Technical University (Ukraine)	Development and research of the optimal Duffing pendulum control system	Kolesnik Denis	Voliansky Roman	78,5	17,88	96,38	II
17.	Kherson branch of Admiral Makarov National University of Shipbuilding (Ukraine)	Improving the environmental performance of the tractor engine by adjusting the fuel-air mixture	Surgaev Artem, Nazliyew Atamyrat	Pyrisunko Maxim, Radchenko Mykola	79,5	16,47	95,97	II

18.	Tavria State Agrotechnological University named after D. Motornyi (Ukraine)	Development of an automated system of fine sprinkling for protection of apricot and peach plantations from dangerous natural factors	Latosha Vyacheslav	Karaev Oleksandr	72,5	19,76	92,26	II
19.	National University of Water and Environmental Engineering (Ukraine) State Higher Vocational School Poland, Kholm (Poland)	Analysis and deepening of energy-mathematical model of sowing machines and tractors	Zaborovska Sofia, Musica Lukash	Nalobina Olena, Tsumerman Yatsek	72	19,71	91,71	III
20.	Kharkiv National Automobile and Highway University (Ukraine)	Development of transfer of perspective models of the independent chassis sh - 26, Sh - 50.	Smolyakov Ilya, Goncharenko Vladislav	Podryhalo Mykhaylo	70	20,59	90,59	III
21.	Kostanay Engineering Economic University named after M. Dulatov (Kazakhstan), Mykolayiv National Agrarian University (Ukraine)	Development of the plow rotation mechanism with substantiation of its constructi veparameters	Galygin Rustem Alekseevich, Tsvyetskova Kristina	Shayakhmetov Amangel, Hruban Vasil	71,5	18,88	90,38	III
22.	Sumy National Agrarian University (Ukraine)	Mobile agrometeorological station for sprayers	Danilov Sergey, Natalich Bogdan	Khvorost Tetyana	66	22,29	88,29	III
23.	Tavria State Agrotechnological University named after D. Motornyi (Ukraine)	Development of a solar panel with a sun tracking function	Vdowin Bogdan	Diordiyev Volodymyr	69	19,00	88,00	III
24.	Batumi Navigation Teaching University (Georgia), Mykolayiv National Agrarian University, (Ukraine)	Development of anelectrotechnological installation for fert ilizer preparation	Tolmachev Ivan, Sevlisian Viktor	Andrii Labartkava Vakhonina Larisa	66	21,71	87,71	III

25.	Priazovsky State Technical University (Ukraine)	Development of the module of registration and storage of data of supply voltage	Dudka Sergiy, Yenakiev Kostyantyn	Gorpinich Alexander	66,5	20,71	87,21	III
26.	Kharkiv National Automobile and Highway University (Ukraine)	Оптимізація режимів обробки на верстатах з ЧПУ деталей гідравлічного приводу	Hnatyuk Anastasia	Glushkova Diana	70	16,94	86,94	III
27.	Mykolayiv National Agrarian University, (Ukraine) Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine)	Optimization of machining modes on CNC machines of hydraulic drive parts	Grigoriev Nikita, Tolochko Igor	Vakhonina Larysa, Somka Oleksandr	67	18,76	85,76	III
28.	Sumy State University (Ukraine)	Modeling of processing of cylindrical openings in products from polymeric composite materials (CFRP)	Sakhno Maxim	Yevtukhov Artem	68,5	17,00	85,50	III
29.	Lviv National Agrarian University (Ukraine)	Substantiation of design parameters of low-power apple shredder for making dried fruits	Gorodetsky Igor, Pavlat Pavlo	Burtak Vadum Humenyuk Ruslan	65,5	19,88	85,38	III
30.	Kharkiv Petro Vasylenko National Technical University of Agriculture (Ukraine)	Study of the impact of ozone on the preservation of grain raw materials	Loginova Alina	Havrish Tatiana	65	20,06	85,06	III
31.	Kharkiv Petro Vasylenko National Technical University of Agriculture (Ukraine)	Improving the efficiency of agricultural machinery by developing a dynamic sensor	Mikla Igor	Halych Ivan	66,5	16,94	83,44	III

32.	ISMA University of Applied Sciences (Latvia), Kherson branch of Admiral Makarov National University of Shipbuilding (Ukraine)	Development of a device for recovery of exhaust gases of a diesel engine of agricultural machines	Iaroshevska Valeriia, Andreeva Maria	Kopitovs Rostislavs, Litvinova Marina	66,5	16,00	82,50	III
33.	Kremenchuk Mykhailo Ostrohradskyi National University (Ukraine) Central Ukrainian National Technical University (Ukraine)	Computer-integrated liquid level maintenance system in the irrigation pump tank	Koptev Vladislav, Dyachenko Vladislav	Kravets Oleksiy, Zinzura Vasyl	67,5	14,47	81,97	III
34.	Dnipro State Technical University (Ukraine)	Intermittent control of the Kapitza pendulum	Logvinova Victoria	Voliansky Roman	65	16,88	81,88	III
35.	Belarusian State Agrarian Technical University (Belarus) Mykolayiv National Agrarian University (Ukraine)	Improving the technology of obtaining composite metal-ceramic coatings sprayed by electric arc method	Yarotsky Oleksiy, Zhabsky Mykola	Helena Podashevskaya, Lymar Oleksandr	65	14,88	79,88	III
36.	Separated subdivision Of national university of bioresources and nature management of Ukraine "NIZHYN AGROTECHNICAL INSTITUTE" (Ukraine)	Improvement of mechanical and production process for transportation of agricultural products in the terms of PJSC "Myponivsky xlibopodpodykt" of Kyiv region	Kopyl Alexander	Mahmudov Ilhom	67	12,35	79,35	III
37.	Vinnitsia National Agrarian University (Ukraine)	Development of a unit for modern tillage technologies of farms	Kovalchuk Dmitry, Shvets Alexander	Sereda Leonid	61,5	13,53	75,03	III

