MINISTRY OF AGRICULTURE OF THE REPUBLIC OF KAZAKHSTAN

S. Seifullin Kazakh Agrotechnical University

AGENDA

of the training seminar for advanced training within the framework of the project "New and Innovative Courses for Precision Agriculture"(NICOPA)

597985-EPP-1-2018-1-KZ-EPPKA2-CBHE-JP

Date of the event	15.09.2023
Venue	S. Seifullin Kazakh Agrotechnical University, building of Technical Faculty, classroom 4201
The purpose of the course	To gain knowledge and develop experiential skills in precision agriculture by leveraging skills from the academic discipline. Improving and obtaining professional competencies that ensure the ability to apply precision farming systems in agricultural production. Precision ag technologies can help farmers monitor and manage their crops more effectively, which can help reduce the risk of pests and diseases and improve soil health. Precision ag technologies and practices help farmers reduce the number of inputs they use, which can help reduce the risk of environmental pollution.
Lecturers	Nukeshev Saykhat – PhD, the Dean of Technical Faculty Almanova Zhanna- PhD, the Head of the Soil Science Department Baitelenova Aliya – PhD, the Head of the Plant Growing Department Alipbeki Onggarbek – PhD, Professor of Land Management Faculty
The target group	Students of the educational program 6B08106 Agrotechnology
The content of the program	The main content of the program: -Introduction to Precision Agriculture -Global positioning systems -Sensors -Soil&water spatial variability -Nutrient spatial variability -Crop spatial variability -GIS -Data analysis - Precision farming economy and adaptation

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The target group	Employers, lecturers of SoilScince, Plant Growing, Forestry Departments
The content of the program	The main content of the program: -Introduction to Precision Agriculture -Technologies for mapping and land assessment -Machinery and electronics for precision farming -Soil&water spatial variability -Nutrient spatial variability -Crop spatial variability -GIS -Data analysis - Precision farming economy and adaptation

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597985-EPP-1-2018-1-KZ-EPPKA2-CBHE-JP

Date of the event	23.05.2023
Venue	S. Seifullin Kazakh Agrotechnical University, building of Technical Faculty, classroom 4201
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The target group	MSc students of the educational program 7M08701 Precision farming
The content of the program	The main content of the program: -Introduction to Precision Agriculture -Technologies for mapping and land assessment -Machinery and electronics for precision farming -Soil&water spatial variability -Nutrient spatial variability -Crop spatial variability -GIS -Data analysis - Precision farming economy and adaptation

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597985-EPP-1-2018-1-KZ-EPPKA2-CBHE-JP

Date of the event	29.05.2023
Venue	S. Seifullin Kazakh Agrotechnical University, building of Technical Faculty, classroom 4201
The purpose of the course	To gain knowledge and develop experiential skills in precision agriculture by leveraging skills from the academic discipline. Improving and obtaining professional competencies that ensure the ability to apply precision farming systems in agricultural production. Precision ag technologies can help farmers monitor and manage their crops more effectively, which can help reduce the risk of pests and diseases and improve soil health. Precision ag technologies and practices help farmers reduce the number of inputs they use, which can help reduce the risk of environmental pollution.
Lecturers	Nukeshev Saykhat – PhD, the Dean of Technical Faculty Almanova Zhanna- PhD, the Head of the Soil Science Department Baitelenova Aliya – PhD, the Head of the Plant Growing Department Alipbeki Onggarbek – PhD, Professor of Land Management Faculty
The target group	Students of Educational program 6B07301 – Geodesy and cartography
The content of the program	The main content of the program: -Introduction to Precision Agriculture -Technologies for mapping and land assessment -Machinery and electronics for precision farming -Soil&water spatial variability -Nutrient spatial variability -Crop spatial variability -GIS -Data analysis - Precision farming economy and adaptation

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The target group	Students of Educational program 6B08701 Agroengineering
The content of the program	The main content of the program: -Introduction to Precision Agriculture -Technologies for mapping and land assessment -Machinery and electronics for precision farming -Soil&water spatial variability -Nutrient spatial variability -Crop spatial variability -GIS -Data analysis - Precision farming economy and adaptation