

**INDEPENDENT AGENCY  
Accreditation and rankings**



Independent agency for  
accreditation rating

**External Expert Commission  
Addressed to Accreditation**

**Board NAAR**

**REPORT**

**the results of the external peer assessment committee  
for compliance with the standards of the specialized accreditation of  
educational programs**

**5V080100 Agronomy, Agronomy 6M080100, 6D080100 Agronomy,  
5V080800 Soil Science and Agricultural Chemistry, Soil Science and  
Agricultural Chemistry 6M080800, 6D080800 Soil Science and Agricultural  
Chemistry,**

**5V080900 Horticulture, Horticulture 5V080900, 6D080900 Horticulture  
RSC "Kazakh National Agrarian University"  
from 10 to 12 November 2015**

**Almaty,**

**November 12, 2015**

In accordance with the order of 26-15-OS on 3 November 2015 by an independent agency for accreditation and rating in October 12-14, 2015 in RSC «Kazakh National Agrarian University" foreign expert committee evaluated the compliance of educational programs 5V080100 Agronomy, Agronomy 6M080100, 6D080100 Agronomy, 5V080800 Soil Science and Agricultural Chemistry, Soil Science and Agricultural Chemistry 6M080800, 6D080800 Soil Science and Agricultural Chemistry, 5V080900 Horticulture, Horticulture 5V080900, 6D080900 Horticulture Standards specialized accreditation NAAR. Report of the External Expert Commission (EAC) provides an assessment of educational programs provided by educational organization criteria NAAREAC recommendations for further improvement of educational programs and educational programs profile settings RSC "Kazakh National Agrarian University."

The composition of the EAC:

1. **The chairman of the commission**-Bakushev Askar Asilgalievich, Ph.D., West Kazakhstan Agrarian Technical University Zhangir Khan;
2. **Foreign Expert** - Saljnikov Elmira (Saljnikov Elmira), Dr. PhD, lead researcher at the Research Institute of Soil Science (Belgrade, Republic of Serbia);
3. **Foreign Expert** - Levykh Alena Y., k.b.s, associate branch VPO Tyumen State University (Ishim, Russia);
4. **Expert** - Ibadullaev Saltanat Zharylkasymovna, PhD., professor, Korkyt-Ata Kyzylorda State University;
5. **Expert** - Stybaev Gani Zhasymbekovich, KS, agricultural sciences, associate professor Kazakh Agro Technical University S.Seifullin;
6. **Expert** - Sattybaeva Zeynigul Dzhumabekkyzy, associated professor, k.a.s., Sh.Ualikhanov Kokshetau State University;
7. **Expert** - Aryngazin Kapar Shakimovich, Ph.D., professor, S.Toraigyrov Pavlodar State University;
8. **Expert** - Turebaeva Clara Zhamanbaevna, d.p.s, professor, Zhubanov Aktobe Regional University;
9. **Expert** - Eszhanov Galikhan Serdalimovich, PhD., associate professor, Sh.Ualikhanov Kokshetau State University;
10. **The expert** - Ualkhanov Bayzhan Nurbaevich, PhD., associate professor T.K.Zhurgenov Kazakh National Academy of Arts.;
11. **The employer** - Saparov Galymzhan Abdullaevich, PhD, head of the U.U.Uspanova "Agro" Kazakh Research Institute of Soil Science and Agricultural Chemistry (Almaty);
12. **Student** - Mekesov Shamshinur Askaryly, 3rd year student of Al-Farabi Kazakh National University;
13. **An observer from the Agency** - Kanapyanov Timur Erbolatovich, Head of International Projects Agency (Astana).

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## **(I) PRESENTATION Kazakh National Agrarian University**

RSC on PVC "Kazakh National Agrarian University" (hereinafter - KazNAU) is based on the two oldest universities in the country - Almaty zoo-veterinary and Kazakh Agricultural Institute. Created in 1929 from Almaty Veterinary Institute (Decree of People's Commissars of the RSFSR of 06.26.1929)

In 1930 he opened the Kazakh Agricultural Institute (Council of People's Commissars of the RSFSR, the protocol number 40 from 06.18.1929, the).

In 1996 he founded the Kazakh State Agrarian University (Resolution of the Government of the Republic of Kazakhstan № 422 from 04.11.2015, the).

In 2001, the university awarded the status of National University (Decree of the President of the Republic of Kazakhstan NursultanNazarbayev number 648 from 05.07.2001, the)

In 2010, on the occasion of the 80th anniversary, KazNAU visited by the President NursultanNazarbayev of Kazakhstan, who praised the work of the university faculty. He noted that the ongoing university research and education and innovation policy is aimed at a gradual transition of the domestic agricultural science to a new level of internationally recognized. Kazakh National Agrarian University is among 10 universities of Kazakhstan, on the basis of which, in accordance with the Message of the President of the Republic of Kazakhstan to people of Kazakhstan "NurlyZhol - THE WAY OF THE FUTURE" will be training for the projects of the State program of industrial-innovative development for 2015-2019.

It is planned to implement an autonomous management model that focuses on the development of modern academic programs based on high-level scientific research with practical application in real production.

In the national ranking of higher education institutions of the Republic of Kazakhstan KazNAU takes III place among 13 technical universities and IX place in the top 30 universities of the Republic of Kazakhstan.

According to the European scientific and industrial chamber of the university, VII takes place among the universities of level 3 (BBB).

According to the Center of the Bologna process and academic mobility MES, in the academic ranking of universities of Kazakhstan on cross specialties of higher and postgraduate education KazNAU takes I place the field of "Technology of production of livestock products," Agrarian equipment and technology "; " Soil Science and Agricultural Chemistry "; " Veterinary medicine "; " Veterinary Sanitation "; II place in the specialty "Ecology"; III place in "Agriculture".

According to the agency QS, Kazakh National Agrarian University has entered 300 universities of the world rankings.

## **(II) DESCRIPTION VISIT WEC**

Activities EEC Independent agency for accreditation and rating (hereinafter - the NAAR) was carried out on the basis of the program of the visit of external experts specialized accreditation to RSE on PVC "Kazakh National Agrarian University" in the period from 10 to 12 November 2015. Necessary work materials were presented to members of the EEC NAAR. To coordinate the work of the Commission 10 November 2015 setting meeting was held, during which the powers were distributed between members of the Commission, the refined schedule and program of the visit, agreed method of examination.

In order to assess, clarify and supplement the content of submitted self-reports met with the rector, vice-rector on activities,

heads of departments responsible for organizing and supervising the training process, deans of faculties, heads of departments, employers, teachers, trainees, graduates, staff from various departments. Number of meetings attended by 439 people (Table. 1).

Date EEC focus groups were held in accordance with the refined program of the visit, in compliance with the established timetable. From the staff of the Kazakh National Agrarian University was provided by the presence of all the persons mentioned in the program of the visit. To obtain objective information on the evaluation of educational programs EEC members of the NAAR have used techniques such as: meetings, visits, discussions and interviews with employees of various departments, students, a survey of teaching staff and students.

In general, the activities planned during the visit EEC NAAR contributed detailed acquaintance with the educational infrastructure experts' university logistic resources, teaching staff, representatives of organizations of employers, learners (students, undergraduates, and doctoral students), and graduates. This allowed members of the EEC NAAR an independent assessment of compliance with the data contained in the reports on self-evaluation of educational programs of the university specialized accreditation standards criteria.

Table 1: Information about the colleagues and students who participated in the meetings with EEC NAAR

| Category of participants                       | Amount     |
|--|------------|
| Rector   | 1          |
| Rector for activities                          | 7          |
| Dean   | 4          |
| Heads of departments                           | 8          |
| Managers and employees of structural divisions | 37         |
| Educators                                      | 76         |
| Students                                       | 87         |
| Undergraduates                                 | 51         |
| Doctoral students                              | 30         |
| Graduates                                      | 99         |
| Employers                                      | 39         |
| <b>Total</b>                                   | <b>439</b> |

In operation, the EEC, the following activities:

- 1) visual inspection of the infrastructure of the university: visit classrooms in the main school building, classrooms and laboratories, libraries, student hostels, student canteen, research laboratories and other subdivisions;
- 2) visiting training sessions:

| Course / Group    | Discipline  | Forms of employment / Theme                                 | Subject Teacher                 |
|-------------------|-------------|---|---------------------------------|
| 2nd year Bachelor | Agriculture | Laboratory lesson «Short introduction of wood and dry land» | Zhumataev M.E. – senior teacher |
|                   | Agriculture | Practical lesson «Seed pre-treatment»                       | Yerrbolova L.S. - assistant     |

|                                |                      |  |                              |
|--------------------------------|----------------------|--|------------------------------|
| 2 year<br>Masters<br>Doctorate | Vegetable<br>science | Club «Gardener»<br>«Wine varieties of domestic apples<br>and wine» | " Tazhibayev T.S.–<br>c.a.s. |
|--------------------------------|----------------------|--|------------------------------|

3) familiarity with the faculty departments in the workplace and in the process of planning meetings and interviews;

4) Pick-up interviews with students, employers;

5) analysis of documentation on the organization of work in the departments (the Department of the minutes of meetings, plans for scientific and methodological seminars, laboratory work plans, training manuals teachers of the department, EMCD and others.) And the dean (minutes of the meetings of the Academic Council of the Faculty and others.

To work EEC were created comfortable conditions, organized access to all the necessary information resources.

As part of the planned program of the meeting with the leaders of 12 November 2015 recommendations on the improvement of accredited educational programs.

### (III) OVERALL ASSESSMENT OF EDUCATIONAL PROGRAMS

RSC "Kazakh National Agrarian University" trains specialists on the basis of secondary, vocational, higher and post higher education in undergraduate, graduate and doctoral studies: 5V080100 Agronomy, 6M080100 Agronomy, 6D080100 Agronomy, 5V080800 Soil Science and Agricultural Chemistry, 6M080800 Soil Science and Agricultural Chemistry, 6D080800 Soil Science and Agricultural Chemistry, 5V080900 Horticulture, Horticulture 5V080900, 6D080900 Horticulture on the basis of the state license issued by the MES of 03.07.2011 series AB number 0142690, specialty bakalavriata 5V080100 agronomist application number to the license №0111649 from 03.07.2011, at 5V080800- Soil Science and Agricultural Chemistry and horticulture 5V080900-room annex to the license №0111653 from 03.07.2011, at the Judiciary 6M080100-Agronomy application number to the license №0111641 from 03.07.2011, at 6M080800-Soil Science and Agricultural Chemistry application number to the license №0111640 from 03.07.2011 Mr. 6M080900-Plodovoshevodstvonomer application for a license №0111651 from 03.07.2011 city, 6D080100-Agronomy, 6D080800-Soil Science and Agricultural Chemistry and 6D080900-Plodovoshevodstvonomer application for a license №0111644 from 03.07.2011, the Preparation of bachelors on specialties 5V080100-Agriculture conducted in 2004, 5V080800-Soil Science and Agricultural Chemistry in 2005, 5V080900-Plodovoshevodstvo 2007 on magistracy specialties 6M080100-Agriculture since 2006, 6M080800-Soil Science and Agricultural Chemistry in 2005, 6M080900-Plodovoshevodstvovos 2008 PhD on specialties 6D080100-Agriculture since 2010, 6D080800-Soil Science and Agricultural Chemistry in 2005, 6D080900-Horticulture since 2010.

Work on the implementation of educational programs aimed at meeting the needs of the Republic of Kazakhstan, on improving the quality of educational services, the formation of a positive social and psychological climate in the team. The development of educational programs provides the formation of the key, substantive and specific competencies.

Achieving these objectives is guaranteed by the fact that implementing basic educational processes are highly qualified from among scientific and teaching staff and practitioners.

#### (IV) CONFORMING specialized accreditation

##### 1. Standard "Management of the educational program"

Management training programs are undergoing the process of strategic planning and allocation of tasks, according to the mission, goals and objectives, systematically collects, stores and analyzes information on its activities; assesses the strengths and weaknesses, based on which sets policy and develops long-term plan.

Mission training on educational programs 5V080100 Agronomy, 6M080100 Agronomy, 6D080100 Agronomy, 5V080800 Soil Science and Agricultural Chemistry, 6M080800 Soil Science and Agricultural Chemistry, 6D080800 Soil Science and Agricultural Chemistry, 5V080900 Horticulture, 5V080900 Horticulture, 6D080900 Horticulture carried out mission and basic conceptual development of the university and the implementation of state educational policy, aimed at the training of qualified personnel of agriculture for the country.

Vision: To increase the prestige of the university as an educational and scientific-methodical center of training and retraining of qualified personnel for the country.

Planning and implementation of educational programs 5V080100 Agronomy, 6M080100 Agronomy, 6D080100 Agronomy, 5V080800 Soil Science and Agricultural Chemistry, 6M080800 Soil Science and Agricultural Chemistry, 6D080800 Soil Science and Agricultural Chemistry, 5V080900 Horticulture, 5V080900 Horticulture, 6D080900 Horticulture carried out in accordance with the state compulsory standards of higher education and is consistent with the Strategic Plan University development, mission and vision, as well as the demands of the labor market, the objectives of training for these specialties for the development of all kinds of competence and willingness to carry out a productive professional and scientific activities.

WEC notes that the plans for the development of educational programs 5V080100 Agronomy, 6M080100 Agronomy, 6D080100 Agronomy, 5V080800 Soil Science and Agricultural Chemistry, 6M080800 Soil Science and Agricultural Chemistry, 6D080800 Soil Science and Agricultural Chemistry, 5V080900 Horticulture, 5V080900 Horticulture, 6D080900 Horticulture transparent, corresponds to the existing university resources, that is financial and information resources, personnel, material-technical base meets the licensing requirements. Implementation of the Strategic Development Plan is implemented through plans for educational and methodical, scientific-research and educational work. Strategic Development Plan includes a number of key provisions of the Law "On Education", the State Program of Education of Kazakhstan for 2011-2020.

Every year, developed the curriculum for the review of compliance with the disciplines of a logical sequence. Curricula and educational programs are developed for the whole period of study, based on model curricula and specialty approved by the Rector based on the decision of the Academic Council. These documents contain a complete list of training courses, both mandatory and elective components indicating the complexity of each academic discipline in credits and academic hours. The structure provides a comprehensive series of courses (GES), the cycle of basic disciplines (BD), a series of professional disciplines (PD). Additional kinds of training include various kinds of professional practices and physical culture. Working curricula, syllabus, educational systems are designed in accordance with the types of programs, working curricula in Kazakh and Russian languages and contain the following information: data on the teachers and discipline, prerequisites,

a brief description of the discipline, competence, graphics SROs and PSAS, types and forms of control, the grading system, the policy rate, the content of the discipline (thematic plan of the course, a summary of lectures, workshops and activities within PSAS, subject SRO), guidelines and recommendations perform tasks for SROs and PSAS, landmark questions and test items, the card security discipline of literature. RUE, syllabus and EVRL meet the requirements for their content and design.

Sufficient attention is paid to the organization, evaluation and control of independent work of students, SROs and approved the schedule of PSAS, developed guidelines for assignments SRO, PSAS and workshops.

Educational programs designed to meet the needs of the state, region, employers and students, consistent with national development priorities and development strategy of the university, focused on practical application of knowledge, self-improvement and education throughout their lives on the chosen specialty. Effectiveness and efficiency of OP is supported by the fact that students are actively involved in national and inter-university (Almaty and Almaty region) competitions have diplomas and letters of thanks.

Benchmarks of structured educational programs on strategic directions, goals and objectives, target indicators, covering administrative, educational, scientific, educational and vocational guidance

The planning process and the evaluation of its effectiveness for students, staff and the public, the process of monitoring the implementation at different levels, are recorded in the form of records, memos, reports and discussed at meetings of the producing departments.

WEC notes close collaboration with the Research Institute of the Department of producing core areas in the organization of practices, diploma projects, with career guidance, placement of graduates.

Material and technical base of educational programs in general allows the learning process to a level consistent with the requirements of state educational standards specialty. However, it should be noted the lack of provision of modern educational and methodical literature in the English language, lack of availability of electronic textbooks, periodic specialized publications.

Strengths of educational programs:

- ♣ EEC members noted the high level of the continuous training system levels: Bachelor's - Master-Doctorate;
- ♣ Highly qualified personnel, including doctors, PhDs, doctors PhD and masters;
- ♣ Dynamically developing material-technical base;

Recommendations:

1. Activate interaction departments with large agricultural producers to jointly develop educational programs on the basis of competence and modular approach;
2. To improve the educational process of modern high-quality instructional literature, including in English language; electronic textbooks, including through its own development.

WEC notes that this standard 3kriteriyam university has a strong position, 34 satisfactory position.



## Standard 2. "Specificity of the educational program"

During the visit, CENTURY graduate high school a model for each of the accredited profession; specializing in the study of subjects a student must master certain competencies.

Formation of professional competence is carried out due to the content, scope and logic of the individual trajectory of students. As elective courses in the curriculum provided methodological discipline aimed at the application of innovative technologies in educational process.

The formation of curricula are transparent, they are involved in studying and employers-representatives of specialized research institutes (KazNIIZ and C, KazSRIZh and C, summary of Cotton, summary Rice, Southwestern KazSRIZh and R), for example, the director of A.S.Saparov and deputy director Suleimenov B.U. Kazakh Research Institute of Soil Science and Agricultural Chemistry, Director Kenenbayev S.B. KazSRI agriculture and crop production, the director E. Bazilzhanov RNMC "Agro chemistry service" and others. Teaching staff is actively developing cooperation with relevant research institutes, participated in various seminars, conduct joint research, advise on the content and trajectory of educational programs specialty, which ultimately leads to effective employment of graduates. As elective courses in the curriculum on their proposals provided methodological discipline aimed at the application of innovative technologies in the educational process of educational programs specialty Horticulture developed with the participation of stakeholders: Teaching staff, employers - representatives of specialized research institutes (KazNIKO, KazNIIP and V, KazNIIBBR). For example: at different times proposed to include in the catalog of elective disciplines: KazNIKO "Technology of production of vegetables in greenhouses", "agrobiologist production of planting material of vegetables", "Technology of production of planting material of fruit and berry crops", "Modern technology of growing fruit crops and grapes", "Biotechnology of horticultural crops", "Modern methods of selection of fruit and vegetables", "Advanced technologies in horticulture", "Advanced technologies in vegetable production", "growing with the basics of intensification", "Commodity processing of fruits and vegetables, "for the Judiciary" Modern technologies of growing vegetable crops. "

In accordance with the development plan of the EP University provides timely reallocation of available resources and the ongoing process of strategic, tactical and operational review of the development plan EP. The content of the plan EP inform all stakeholders, parents, faculty, students through sites, consulting advisors and tutors, media.

Effectiveness and efficiency of EP is supported by the fact that the trainees effectively participate in the republican subject Olympiads, on the basis of pedagogical and production practices have letters of appreciation and good reviews of employers.

The representativeness of the study provided an overview of results of EP plan with the involvement of stakeholders.

The department provides strategic planning process and the distribution of tasks in accordance with the development of educational services in the country, according to the mission statement, goals and objectives. The Department systematically collects, stores and analyzes information on its activities; assesses the strengths and weaknesses on which determines the policy and developing a strategic plan:

Departments establishes a relationship with the parents of all students on this spetsalno the first year, which are dedicated to all the details of training and education of the students acquainted with the conditions existing in the university, as well as the requirements for

the quality of learning and behavior. Curators of groups throughout the study period in communication with parents to inform them about the progress, discipline, all the news related to their children, including those living in the dormitory.

The educational process has training facilities providing training in accordance with requirements of state mandatory standards, including 3 training, teaching and research 1, 1 research laboratory, 1 multimedia classrooms, 1 office for doctoral PhD, provided the requirements of SES. Classrooms and other teaching and laboratory facilities are equipped with appropriate furniture, a necessary economic inventory and equipment.

These laboratories have special equipment, contributing to the formation of the necessary research and practical skills: for example, photoelectro colorimeter, polar meters, refract meters, field spectrophotometer, pH meter, ionomers, analytical and laboratory balances, centrifuges, rotary homogenizers, mills Laboratory caltsimetry, muffle furnace, drying cabinets, distillers, etc. .. Laboratory equipment used in the study subjects. Each laboratory provided a passport, which specifies the purpose and equipment, personal and fire protection, computer equipment, stands, etc.

Customization of the educational program. Elective discipline educational programs let you create individual educational program the student, aimed at the formation of professional competence.

During the development of the discipline of a student teacher made individual assistance and advice during the PSAS, as well as during the delivery of the SWOT. At the beginning of the academic year the department, together with the Office of the Registrar shall consult on the credit system of education for students of 1 course, which explains the organization of current, mid-term and final control of knowledge, the summer semester, counting GPA. Choosing disciplines based on individual characteristics, needs and cultural experience student and is reflected in the plans of individual students.

The number of credits of theoretical and additional training, practices and other types of education per student at 1 Full time according to the TEP and WEP, compliance.

Evaluation of the students. To test students' educational achievements are provided in between the current and the final form of control, Assessment of knowledge is carried out on the score-rating letter system with the corresponding translation in a traditional rating scale according to the standard rules of monitoring students' knowledge (Model Regulations for the ongoing monitoring of progress, interim and final assessment of students in higher education, approved by the order №125 MES from 18.03. 2008).

Monitoring the progress made in the learning process according to the schedule of training classroom and class schedules SWOT compiled by the department. Monitoring attendance and academic performance of students logged in the control of knowledge of students. Criteria and indicators are reflected in the current certification syllabus teachers are being offered to students for reference before studying the discipline.

Interim certification of students' progress is carried out during the period of boundary control, according to the academic calendar.

The results are recorded in the intermediate control sheet boundary control, which also reflected the results of ongoing performance. Average of these two indicators characterized the results of boundary control.

Final certification takes the form of examination conducted in test form. The Office of Academic Affairs conducts the examinations in accordance with the schedule of examinations. Bulletin of the intermediate and final control are filled and kept in the Office of Academic Affairs.

Evaluation of the rating control of 60% of the final assessment of knowledge in the discipline, and evaluation of the exam is 40% of the final grade.

Students who receive the set level GPA, are transferred to the next course of the order of the rector of the university. At faculty meetings discussed the results of examinations.

Methods of teaching. One of the conditions for the effective implementation of credit technology in the educational process is the use of innovative teaching methods. Therefore, for this purpose at the Department attaches great importance to the development and use of innovative methods of teaching process and communication technologies. Experience in the implementation of the most relevant and effective methods becomes the object of an exchange between teachers through demonstration and open sessions, which is fixed in magazines of visiting teachers to each other.

Evaluating the effectiveness of the educational program carried out in terms of the availability of the components that form the personal development of students, creativity and competence as well as communication, information, and social competence.

This criterion is implemented through the introduction into the educational process of innovative technologies and the training of students through participation in scientific conferences and research projects. Relevance to educational and methodical activity is the development of the university faculty of interactive teaching methods with the use of multimedia equipment.

Practiced presentations courses with multimedia projectors and others. The introduction of new systems of training led to changes in teaching approaches to classroom and extracurricular activities. Improved form of lectures with the use of a complex of modern learning tools, allowing you to increase the intensity of the material, enhance the activity of the students.

Innovations in the educational process. The introduction in the educational process of innovative technologies is a defining feature of modern education. Innovations aimed at developing professional identity, its capacity for science, technology and innovation, to update the content of the educational process. Work is conducted in certain areas, including:

A) the creation of educational products for students

B) improvement of technical and methodological base

B) the formation of motivation of teachers and the use of innovative technologies of students to teachers of chairs prepared for an electronic readable disciplines demonstration material for equipment of lectures and workshops. The quality of education depends on the ratio of classroom and independent work of students, as well as the complexity of mandatory disciplines which determined TEP of specialty. Forms of classes (lectures, workshops, seminars, laboratory classes) determined by departments for each discipline are discussed at faculty meetings and confirmed by vice-rector for educational and methodical work. Assessment of the quality of

educational programs was based on a review of curricula, the catalog of elective subjects, the student's individual curriculum, the working curriculum for the academic year, EMCD, questioning of students, faculty, specialized laboratory examinations audience. The training process used regularly active forms and methods of employment, as well as information and innovative technology: problem-based learning, video tutorials, interactive teaching methods using multimedia boards, etc.

The complexity of disciplines at the choice of the component is determined by the department as part of the total volume of loans for elective component and is fixed in the working curriculum. The complexity and forms of employment stamped on the front page of each course syllabus. Each semester teaching develops, usually at least 18-22 credit, studying subjects 6-10. The need for their optimal ratio is taken into account when scheduling classes and exams.

Teachers regularly attend training courses, which is naturally reflected in the better quality of teaching of disciplines.

Strengths of educational programs:

- The presence of traditionally strong and experienced team of teaching staff;
- Ensure discipline types of programs in all disciplines, and CED SES designed and staffed

EMCD specialties:

- Provision of specialized training courses and instructional literature.

Recommendations:

1. If possible, with allowance for human resource capacity of the university to open a group of multilingual education.
2. Develop joint educational programs with leading foreign universities.

WEC notes that the 3 criteria of the standard university has a strong position on the 29 criteria are satisfactory: 1 Assumes improvement criteria associated with the presence of joint educational programs with foreign universities.

3. Standard "Teaching staff and teaching effectiveness"

Staffing completed according to the legislation of the Republic of Kazakhstan and the Rules of the competitive replacement of posts of scientific and pedagogical staff of higher education institutions. According to the Regulation of competitive replacement of posts of scientific and pedagogical staff of higher education institutions. The competitive selection of candidates for vacant positions is carried out in accordance with the qualification characteristics of academic staff, as well as by placing advertisements in the media. The University provides the completeness and adequacy of individual planning PPP for all activities. Teaching load is reflected in the plans of individual teachers, which shows the educational, methodical, scientific work. Workload teacher planned in accordance with the Regulations on the planning of PPP, the academic calendar, the number of students for the academic year.

Analysis of the qualitative state of human capacity in the educational program "Agriculture" data shows the stability of the qualitative composition of teaching staff. In the current academic year, the training of students, undergraduates, PhD students involved 31 chelovek. In the state of 8 doctors, 13 candidates, representing respectively 68% of the total teaching staff.

According to the educational program, "Soil Science and Agricultural Chemistry" qualitative analysis of the state of human capacity data shows the stability of the qualitative composition of the teaching staff. In the current academic year, the training of students, undergraduates, doctoral

PhD this educational program involves 15 people. In the state of 7 doctors of sciences, 7 candidates of sciences and 4 doctors PhD, which is 82% of the total teaching staff.

Analysis of the qualitative state of human capacity in the educational program "Horticulture" data shows the stability of the qualitative composition of teaching staff. In the current academic year, the training of students, undergraduates, PhD students employed 15 people. In the state of 2 doctors of sciences, 10 candidates of sciences and 1 doctor PhD, representing respectively 86.6% of the total teaching staff.

The average age of teachers with a degree and academic rank of the three departments is 49 years.

Upon recommendation of the management of the University for outstanding achievements in scientific and pedagogical work of the MES rewards workers for signs of "Honorary Worker of Education of the Republic of Kazakhstan», «For merits in development of science of RK", Diploma of the Ministry, the Ministry announces Thanks.

Among the teaching staff, leading classes on educational program 11 people are owners of the state grant "The best teacher of the university" (Orazbayev S.A., Atakulov T.A., Apushev A.K., Nurgasenov T.N., Ramazanov A.D., Muhametkarimov K.M., Balgabaev A.M., Eleshev R.E., Kaldybaev S.K., Kamptova G.A., Alekseev M.A. )

The university ensures the completeness and adequacy of individual planning of teaching staff for all activities. Teaching load is reflected in the plans of individual teacher, which shows the educational, methodical, scientific work. Workload teacher planned in accordance with the Regulations on the planning of teaching staff, the academic calendar, and the number of students for the academic year.

University creates conditions for passage of training teaching staff, the number of teachers who have had training, tends to grow: 2012-2013g.-25; 2013-2014g.-20 and 2014-2015g.-25 students.

University annually monitored for satisfaction of the teaching staff working conditions and to meet the needs of the faculty:

- ♣ creates favorable conditions for doing scientific work and career prospects;
- ♣ attaches to young professionals experienced mentors;
- ♣ creates the necessary conditions for the preparation and admission to the master's and doctoral young teachers;
- ♣ contributes to the publication of scientific papers and textbooks teachers;
- ♣ encouraging the best teachers with diplomas and prizes;
- ♣ organizes trips to overseas seminars and scientific conferences.

During the period from 2012 to 2014 was published by teachers of the department more than 20 textbooks and manuals, more than 500 scientific papers and articles, in journals with impact factor -20.

Subjects of research faculty be the focus of research and development departments. There are plans for the research work of the department of tourism and scientific research conducted in accordance with individual plans of teachers. The results of the research work of teachers is reflected in their publications.

During 2012-2014 years are performed 22 scientific projects which 11 research projects under the MES RK, 11 scientific projects under the Ministry of Agriculture, totaling more than 98 million tenge. Since 2015 executed 12 projects, including nine research projects through the

MES, 3 research projects under the Ministry of Agriculture, totaling more than 50 million tenge. It is also conducting research on the topic of the initiative. In doing scientific research department employs undergraduates and doctoral students is 100%.

The University maintains strong ties with leading academic institutions and research institutions in Germany, the Netherlands, Poland, Italy, Hungary, Bulgaria and the ISU countries, as a member of international academic mobility programs ErasmusMundus, DAAD. The main task which the extension of cooperation in the field higher education between the European Union Istranovpartnerin context of implementation of the Lisbon strategy in Bologna process.

For faculty and students, KazNAU provides opportunities for participation in the program of the academic mobility. The reason is the presence of more than 80 signed agreements, memoranda and agreements on cooperation with universities, institutions of the Republic of Kazakhstan, ISU and foreign countries.

During the reporting period the following lectures the invited teachers:

-In 2012-2013 academic year from University of Eastern Finland Professor AriPapinnen;

-to 2013-2014 academic year tutor of Plovdivsk Agrarian University (Bulgaria) Professor Anna Nikolova;

-In 2014-2015 academic year at the University of Florence (Italy), Dr. Stefano Birikolti.

When selecting scholars invited from abroad to read the modules to students is one of the requirements of membership in the university within the top leading universities in the world ranking, and secondly taken into account specialization of teacher experience in research in the profile of the industry.

To expand the program of academic mobility department of agronomy making contacts with leading scientists in the field of agriculture by searching the contact information on the Internet on the websites of the universities.

Teachers are actively using technology in the classroom developing training, critical thinking, technology, interactive learning technology, the technology of modular training, tired training, planning methods. The use of innovative technologies is carried out systematically. New technologies and methods of their application in the educational process are considered regularly at meetings of methodical association of departments, where fully discussed their implementation and effectiveness. On the positive notes EEC qualitative composition and a high level of fundamental and practical training of teaching staff of educational programs.

Work management to improve the skills of 62.2% of the respondents assessed the teaching staff in the "very good" and "good."

WEC members noted insufficient academic mobility of faculty and conduct joint research with foreign partners in the implementation of the EP and the weak attraction to the implementation of EP-known scientists, public and political figures.

When an anonymous survey of students by the respondents showed complete satisfaction with the quality of teaching - 85.6%.

Strengths of educational programs:

High level of skill and high scientific level of teaching staff;

-Participation teaching staff in international and national scientific conferences;

Recommendations:

1. Developing work on the use in the educational process of innovation and communication technologies.

2. To improve the involvement of teaching staff EP "Horticulture" in research funded by the MES, the Ministry of Agriculture and contractual work.
3. Teaching staff -rated activities performed separately for each category of teaching staff.

EEC notes that the 19 criteria of the standard university has satisfactory positions 2 criteria involves improving associated development of academic mobility to attract the best foreign and domestic lecturers, joint research, involvement in the implementation of OP-known scientists, social, political and honored.

#### 4. Standard "learn"

The RSC "KazNAU" has developed a clear policy of formation of a contingent of students. This is facilitated by a system of discounts for training, grants MES, own dorm, the system of material assistance, payment practices and internships for graduate and doctoral students, employment opportunities after graduation, serving databases practice for students. Great importance has close ties with university research institutes, vocational guidance policy, promotion of university relations with foreign universities, a strong positioning in the market of educational services as a university having its own niche and advantages. Advantages of University is the wide provision of benefits to students.

Education in the undergraduate, graduate and doctoral studies in two languages - Kazakh and Russian.

The number of students at accredited educational programs of undergraduate ranges from 107 to 126, Master's from 37 to 44 and a doctorate from 6 to 16.

The number of students at accredited educational programs in the 2015-2016 academic year.

| Academic Year                           | Educational program of bachelors degree |      |      | Educational program of Masters degree |      |      | Educational program of PhD |      |      | Total number |      |      |
|---|---|------|------|---------------------------------------|------|------|----------------------------|------|------|--------------|------|------|
|   | Total                                   | Kaz. | Rus. | Total                                 | Kaz. | Rus. | Total                      | Kaz. | Rus. | Total        | Kaz. | Rus. |
| Agronomy                                | 107                                     | 92   | 15   | 37                                    | 31   | 6    | 7                          | 6    | 1    | 151          | 129  | 22   |
| Soil Science and Agricultural Chemistry | 126                                     | 109  | 17   | 44                                    | 38   | 6    | 16                         | 14   | 2    | 186          | 161  | 25   |
| Horticulture                            | 113                                     | 87   | 26   | 38                                    | 31   | 7    | 6                          | 2    | 4    | 157          | 120  | 37   |
| Total                                   | 346                                     | 288  | 58   | 119                                   | 100  | 19   | 29                         | 22   | 7    | 494          | 410  | 84   |

The contingent of students in the official language of 83%, in Russian 17%.

The University conducts a systematic analysis of student satisfaction in the knowledge gained. In order to evaluate the quality of educational programs and learning process in the university used a number of methods: a questionnaire survey of students' teacher eyes of students "; a questionnaire on the quality of students' learning and leisure activities, the annual certification of

teaching staff; public lectures and workshops; teachers visiting each other; attendance of teachers; attract employers to the evaluation of educational programs, etc.EMCD.

Departments have active contact with the students, and analyze complaints and suggestions of students and take action.

November 11, 2015 were surveyed. The survey involved 93 respondents' educational programs of this cluster. Because of the questionnaire "levels of availability and responsiveness of the university management" responded positively - 81.7%, 15.7% somewhat satisfied, not satisfied with 0.7%. The quality of educational services in general are completely satisfied - 81.0%, 17.6% partially satisfied. Based on the processing of the results of this questionnaire, the following conclusions that the respondents are satisfied with the quality of services and comfort of study at the university.

Research work with students at the department is planned, starting from the lower division. On older years, they are given the opportunity to express themselves individually by participating in the project and will report at the scientific conference.

Annually take an active part in the work high, national and international scientific conferences. SRWS results are tested in the form of reports at various scientific conferences and published in scientific journals. In the period from 2010 to 2015 he studied under the guidance of teachers of the department published more than 150 works.

An analysis of employment in the past three years shows that more than 80% of graduates are employed.

Academic mobility - an organized process, during which the student is enrolled for one semester. A method of forming their own educational space. Academic mobility in higher education can be organized through the introduction of a mechanism of student exchange and encouraging the participation of students in the programs of individual grants.

Academic mobility: Student exchange - a form of academic mobility, implemented based on bilateral agreements between the universities. To promote internal academic mobility UIY and DC concluded agreements with universities in Turkey. In order to implement academic mobility in 2011-2013 gg.7 students majoring 5V090200 - Tourism were trained in the universities of the Republic of Turkey.

In accordance with the State Program of Education Development of the Republic of Kazakhstan for 2011-2020 to promote academic mobility of students as one of the principles of the Bologna Declaration, it is regarded as an important target indicator.

Academic Mobility at the University implemented through the following mechanisms:

- Leaving students on the theoretical and practical training abroad for educational programs;
- The organization of the summer semester on specific educational programs with an invitation to teachers and students from other universities for mobility;
- The organization of training for the teaching staff to other universities of Kazakhstan and abroad to expand academic mobility.

To promote academic mobility at the university appointed coordinator of academic mobility and responsible for the academic mobility of faculties.

Graduate students are trained for academic mobility, both in Kazakhstan and in the countries of near and far abroad.

During the 2012-2013 academic year to exchange experience PhD students 2 and 3 course



Naushabaev A. and N. were Abraymova internship North Dakota State University (g.Fargo, USA).

Specialty "Soil Science and Agricultural Chemistry" for the 2013-2014 academic year to exchange experience PhD students 3 courses Sapahova Z. was on an internship at the University of Selcuk (Turkey), the University of New Delhi (India), Yakohama University (Japan). Sheken G. 3 PhD students of the course was on probation Agricultural University (g.Shinzhan, China). Masaliev N. 2 PhD students of the course were on probation at the Institute of Agriculture and Horticulture (Novi Sad, Serbia).

During the 2014-2015 academic year to exchange experience PhD students 2 courses K. Karaev was on probation at the Institute of field crop and vegetable production (Serbia). Seytkali H. 3 PhD students of the course was on probation Xinjiang Agricultural University (Urumqi, China). In 2012-2013 account. year student of 3rd year specialty agronomy ErgalievDias was trained at the University of Agriculture (Slovakia, g.Nitra) also received training: graduate Tleubergenova S., N. Musagodzhaev, Sman A., B. Absatova at the University of Agriculture (Slovakia, g.Nitra); undergraduates Makhanbetova A. Calmet B. Agrarian University (Bulgaria, Plovdiv); undergraduates BolatZhSalpa P. Kornivus University (Hungary, Budapest). In 2013-2014 academic year 13 undergraduates 2nd year students have been trained at the Agrarian University (Bulgaria, Plovdiv). In 2012-2013 academic year .A.Aytbaeva doctoral student has an international internship at Sanji University (South Korea) and the Novosibirsk Agrarian University (Russia) in 2013-2014 academic year PhDA.KoygeldinaG.Mendymbaeva and were trained at the Agrarian University (Bulgaria, Plovdiv).

During training EP5V08900, 6M080900, 6D080900-Horticulture students go to study in higher educational institutions of Kazakhstan, as well as near and far abroad. For example, a full course of master's degree held undergraduate Sharafeeva A. (Australia), undergraduate Turegeldy B. (Canada). Within a year, she studied in the Netherlands, undergraduate Seydazimova D. Internships and doctoral passed: China - Tursynbai D; Czech Republic - L. Erbolova, Kaimov C .; Germany - Aubakirova K .; US - Zhumagulova F .; Turkey - Manarov D .; Bulgaria - B. Rahymzhanov

Checking the conformity of theoretical and practical training of the graduates of educational programs 5V080100 Agronomy, Agronomy 6M080100, 6D080100 Agronomy, Soil Science and Agricultural Chemistry 5V080800, Soil Science and Agricultural Chemistry 6M080800, 6D080800 Soil Science and Agricultural Chemistry, 5V080900 Horticulture, Horticulture 5V080900, 6D080900 Horticulture, meets the requirements.

Questions state exam preparation towards full compliance education program, mastered and cover a graduate course in the theory and methodology of teaching. State examination in the specialty performed by a program developed based on the curriculum of disciplines included in this comprehensive exam. Examination tickets are developed in accordance with the state exam. The ticket consists of 3 theoretical questions and problem areas. During the exam the student demonstrates the acquired theoretical and practical skills. State Exam Questions are updated

annually and contain the actual data.

Thesis is an independent student and complex work carried out because of acquired in learning theoretical and practical knowledge and skills. Subjects of research papers is determined by the demands of educational organizations and the problems of scientific research tasks undertaken by teachers. Analysis of GPA in the last three years shows an arithmetic average graduation rate performance and examinations is 85%.

Assessment of knowledge, skills and qualities acquired by students during the course of study in the discipline is on a calendar schedule of control measures with which the student become familiar at the first lesson. Types of control is divided into current, mid-term and intermediate certification. Assessment of the interim and final certification is carried out by the point-rating system of evaluation of educational achievements.

Monitoring and evaluation of students' knowledge is carried out in accordance with a collection of organizational and methodological materials for the educational process in the conditions of undergraduate credit system, approved by the typical rules of the current control of progress, intermediate and final assessment of students in higher educational institutions. All the established regulations of the rules are strictly followed. Students, who receive the set level GPA, are transferred to the next course of the Rector's order. The processes and criteria for assessment of knowledge transparent. All types of control and appropriate assessment of the knowledge given by lecturers in accordance with the academic calendar and the work program. The examinations are held in written and oral forms or testing. The type and content of examination material defines a teacher, but they are discussed and approved at a meeting of the department.

A student who believes that the services provided by the university, do not meet his expectations, has the right to file a complaint in accordance with the internal regulatory documents. A complaint procedure is being implemented under the scheme: the curators Department → → → Dean's Office Vice-Rector for EW → rector most cases, all conflicts are resolved at the level of head of the department or the dean of the faculty.

Students can submit complaints and suggestions to the Dean of the Faculty weekly Monday and Wednesday from 10:00 - 12:00. Students can also take advantage of the educational portal. Students at the University can not be brought against such complaints as appeals against decisions on disciplinary matters, as implementation of internal regulations and dormitory it is the responsibility of the student and their violation entails disciplinary action (remark, reprimand, expulsion from the hostel, expulsion from University).

At the same time, there is no possibility of accredited programs of professional certification of students in the field of specialization.

Strengths of educational programs:

- The possibility of continuing education on educational programs of postgraduate and additional education.
- The introduction of innovative teaching methods, including distance-learning technologies;
- The availability of targeted programs to support gifted students;
- Providing students an opportunity for sharing and expression;
- Continuous monitoring of students' satisfaction on the profile of the specialty;

Recommendations:

1. The structure of the EP should provide a variety of activities, the content of which should contribute to the development of professional competence of students based on their personal characteristics.
  2. Graduation work studying for bachelor in accordance with regulatory requirements of the MES system to push through anti-plagiarism
  3. To strengthen the participation of students in research work;
  4. Insert the combined system of assessment of masters and doctoral students at the time of final control.
  5. Consider professional certification enrolled in the agricultural sector;
  6. Consider the possibility of introducing the discipline, which gives students the ability to properly represent the statistical processing of the data according to international standards.
- WEC notes that the 15 criteria of the standard university has satisfactory positions.

5. Standard "The resources available to educational programs" During the Commission is satisfied there is sufficient material and technical base for the support of the educational process of educational programs and the implementation of the mission, goals and objectives of the RSC "KazNAU." The University has the necessary classroom fund their own dormitory, computer labs, methodical study, gymnasiums, on equipment that meet the objectives of the educational programs of the university. The university has a specialized audience.

The educational process has training facilities providing training in accordance with requirements state mandatory standards, including 3 training, teaching and research 1, 1 research laboratory, 1 multimedia classrooms, 1 office for doctoral PhD, provided the requirements of SES. Classrooms and other teaching and laboratory facilities are equipped with appropriate furniture, a necessary economic inventory and equipment. These laboratories have special equipment, contributing to the formation of the necessary research and practical skills: for example, photoelectrocolorimeter, polar meters, refract meters, field spectrophotometer, pH meter, ionomers, analytical and laboratory balances, centrifuges, rotary homogenizers, mills Laboratory calcsimetry, muffle furnace, drying cabinets, distillers, etc. .. Laboratory equipment used in the study subjects. Each laboratory provided a passport, which specifies the purpose and equipment, personal and fire protection, computer equipment, stands, etc.

By using EP 6 and 4 multimedia computer class, equipped with 20 computers used in the educational process. In addition, it equipped with 1 computer lab, located in the hostel.

Students enrolled in the course 1, adviser provided guide, the academic calendar. In addition, in the stands and on the Internet page of the university has full and detailed information.

Training materials, tools, educational literature available to all students.

The volume of the book fund educational, methodical and scientific literature on disciplines on specialties is generally consistent with the standards MES.

Information and Library Support of the educational process. To realize the mission, goals and objectives of the University are equipped with modern information and communication

technology and library resources to ensure the full needs of teaching staff, management personnel and students. Key elements related to planning, organization of educational process at the university, are automated.

The scientific library is one of the most important departments of the university, which is a scientific, and information institution support base training, teaching methodical and scientific process for the preparation of qualified specialists in agriculture.

The structure of the scientific library KazNAU includes 5 departments: service to readers; scientific and bibliographic department, Department of methodical work, office automation department of acquisition and organization of catalogs.

Service of readers conducted in two passes and 12 reading rooms. In the case of university education there are 6 reading rooms and six reading rooms are located in the homes of students (student's home №1 «Bolashak" students House №2 «Jas Horde" House undergraduates »№4, students home №5 « Zhalyn "House students №9 «Akбота" House of students №10 «Akқайын"). EEC notes that the 9 criteria of the standard university has satisfactory positions. According to the criteria of 19 possible improvements related to electronic and Internet resources for students and especially the database for research work 1 criterion is unsatisfactory position of the institution related to the examination of the results of research.

Strengths of educational programs:

- conditions for the implementation of educational standards of higher education;
- availability of the website of the university;
- highly equipped material and technical base;
- free Internet access to educational resources, free Wi-Fi;
- providing students educational and methodical editions through the use of electronic library.

Recommendations:

1. Effective counseling for students free access to the electronic resources of the world's leading scientific journals in order to enhance and improve the quality of scientific publications masters and doctoral students.

EEC notes that this standard 5kriteriyam university has a strong position, 27 satisfactory position.

**(V) Recommendations of the educational program "5V080100 - Agronomy", "6 M 080100 - Agronomy», «6D080100 - AGRONOMICS", "5V080800 - Soil Science and Agrochemistry", "6M080800 -POCHVOVEDENIE and Agricultural Chemistry», «6D080800 - Soil Science and Agrochemistry" "5V080900 - Horticulture", "6M080900 - Horticulture» And «6D080900 - Horticulture"**

1. Increase the efficiency of interaction with employers departments (research institutes, large agricultural producers and others.) For joint development of educational programs based on competence and modular approaches.
2. To improve the educational process of modern high-quality instructional literature, including English, electronic textbooks, including through its own development.
3. If it is possible, taking into account the human resource capacity of the university to open a group of multilingual learning.
4. Develop joint educational programs with leading foreign universities.
5. Improve the work on the use in the educational process of innovation and communication technologies.
6. To improve the involvement of teaching staff of EP "Horticulture" in research funded by the MES, the Ministry of Agriculture and agreement work.
7. Rating assessment of teaching staff conducted separately for each category of teaching staff.
8. The structure of the EP should provide a variety of activities, the content of which should contribute to the development of professional competence of students based on their personal characteristics.
9. The final work of bachelor students in accordance with regulatory requirements of the MES to pass through a system of anti-plagiarism.
10. We propose to consider the introduction of discipline gives students the ability to properly represent the statistical processing of the data according to international standard.
11. To strengthen the participation of students in research work.
12. To introduce a combined system of assessment of masters and doctoral students at the time of final control.
13. Consider the possibility of professional certification enrolled in the agricultural sector.
14. To improve the mechanism of the use of free access to the electronic resources of the world's leading scientific magazines to enhance and improve the quality of scientific publications of masters and doctoral students.

## (VI) Recommendation of the Accreditation Board

The members of the external expert committee came to a unanimous opinion that the educational program "5V080100 - Agronomy», «6M080100 - Agronomy», «6D080100 - Agronomy", "5V080800 - Soil Science and Agricultural Chemistry», «6M080800 –Soil science and Agricultural Chemistry», «6D080800- Soil and Agricultural Chemistry ", " 5V080900 - Horticulture ", " 6M080900 - Horticulture »and« 6D080900 - Horticulture "sold Kazakh National Agrarian University can be accredited for 5 years.

Chairman: \_\_\_\_\_ Bakushev Askar Asilgalievich

Members of the committee:

\_\_\_\_\_ Saljnikov Elmira  
\_\_\_\_\_ Levykh Alena Y.  
\_\_\_\_\_ Ibadullaev Saltanat Zharylkasymovna  
\_\_\_\_\_ Stybaev Gani Zhasymbekovich  
\_\_\_\_\_ Sattybaeva Zeynigul Dzhumabekkyzy  
\_\_\_\_\_ Aryngazin Kapar Shakimovich  
\_\_\_\_\_ Turebaeva Clara Zhamanbaevna  
\_\_\_\_\_ Eszhanov Galihan Serdalinovich  
\_\_\_\_\_ Ualhanov Bayzhan Nurbaevich  
\_\_\_\_\_ Saparov Galymzhan Abdullaevich  
\_\_\_\_\_ Mekesov Shamshinur Askaryly  
\_\_\_\_\_ Kanapyanov Timur Erbolatovich