# FEDERAL STATE BUDGETARY EDUCATIONAL INSTITUTION OF HIGHER PROFESSIONAL EDUCATION STAVROPOL STATE AGRARIAN UNIVERSITY FACULTY OF AGRONOMY FACULTY OF AGRICULTURAL MECHANIZATION FACULTY OF ELECTRIFICATION IN AGRICULTURE

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« 30 » december 2013 r

#### **REPORT**

### ON SELF-ASSESSMENT OF EDUCATIONAL PROGRAMS' CLUSTER 110000 «AGRICULTURE AND FISHERY» (35.00.00 Agriculture, Forestry and Fishery)

110400.62 (35.03.04) Agronomy, 110400.68 (35.04.04) Agronomy, 110800.62 (35.03.06) Agro engineering, 110800.68 (35.04.06) Agro engineering, 05.20.01 Technology and mechanization of agriculture, 05.20.02 Electrotechnology and electric equipment in agriculture, 06.01.01 General agriculture, 06.01.04 Agrochemistry

Dean of

Agronomy Faculty

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#### Introduction

The aim of the report on the self- examination of educational programs' cluster 35.00.00 «Agriculture, Forestry And Fishery», realized in the FSEI HPE "Stavropol State Agrarian University" (hereinafter – SSAU, the University) on compliance with the criteria of public and professional accreditation is a desire to improve the quality of education, quality culture development in the team of teachers and students, public informing about the values, practices and performance of SSAU.

The task of the report: demonstration of a commitment to quality education, obtaining an independent evaluation of the quality of educational programs, development of experts' recommendations for educational programs improving, increasing of competitiveness of graduates on domestic and international markets of educational services, improving of graduates' employability.

The self-assessment was conducted in transparency, close interaction of administrative and public institutions, teachers and students, fruitful work in the spirit of objectivism and constructivism.

During the process of self-assessemnt the analysis of content, the level and quality of training programs of educational programs' cluster 35.00.00 «Agriculture, Forestry And Fishery» was conducted; the evaluation of training and requirements of educational programs was done; the dynamics of Faculty development progress was researched; recruitment, information, financial support of the educational, scientific and educational processes were studied, the efficiency of interaction with professional and local communities was evaluated.

The Academic Council of the University (30.12.2013) (after discussion of faculties' self-assessment) made a decision that faculties are ready for the procedure of professional accreditation by the National Center of Public Accreditation.

The self-assessment was conducted by a group of responsible people in the departments according to the order of the Rector of the University (Order number 504, 09/12/13). The schedule of self-examination was made, the final format of the report and its contents was determined on the base of it. The Self-assessment involved teachers, students, graduate students, staff of specialized departments of the University, representatives of employers in the region.

#### 1. OVERVIEW

Bachelor's, master's and postgraduate students' training on educational programs' cluster 35.00.00 «Agriculture, Forestry and Fishery» is conducted according to the license for educational activities of the University by three departments: Agronomy, Agricultural Mechanization and Electrification in Agriculture (Appendix 1).

The Agronomy Faculty was founded in 1941. "Agronomy" is the main training program. More than 8 thousand specialists graduated from the Faculty. Among the graduates there are not only the managers at all levels of agribusiness enterprises, but also scientists with doctoral and PhD scientific degrees.

There are 6 Departments at the Faculty, 5 of them take part in educational programs' cluster 35.00.00 «Agriculture, Forestry And Fishery». They are: Agronomic chemistry and plant physiology (founded in 1949), Production and Processing Supply of Plants (1964), General Agriculture and Reclamation (1943g.), Soil Science (1967), Plant breeding and Selection in honor of Professor F.I. Bobrysheva (1948).

The Dissertation Council for the scientific degree of candidate and doctor (Agricultural Sciences) has been acting since 1977 at the Faculty of Agronomy.

The Faculty has established close relations with the enterprises in the region, they are the bases for practices, training, and joint research: Stavropol Botanical Garden, LLC "Krasnoselskoe" (Grachevsky area), Gossortkomissiya, Agro firm "Zolotaya Niva", LLC SPE "STEVIANA", "Staromarevskoe grain point", Bakery № 3, Brewery "Stavropolsky", etc. The faculty also participate in grant programs with the University of Hohenheim (Germany) and Genoa (Italy).

The faculty has 85 teachers, among them there are 4 Academicians of Russian Academy of Agricultural Sciences, 17 professors and doctors, 43 professors and PhDs. 70 % of employees are alumnus of Agronomy Faculty.

The Faculty of the Farm Mechanization was founded in 1950. "Agroengineering" is the main training program. There are 5 departments at the Faculty participating in the educational programs' cluster: Mobile Energy Systems (founded in 1951), Processes and machines in agribusiness (1958), Technical Services, Standardization and Metrology (1958), Mechanics and Computer Graphics (1951), Technological Equipment and Livestock Processing Plants (1961).

There is a Dissertation Council for the scientific degree of candidate and doctor. The share of teachers with a scientific degree is more than 80 %.

The Faculty has established collaboration with leading research institutes of the country and abroad (GNU GOSNITI, Institute of Welding (Potonié), Polotsk State University, National Academy of Sciences of Belarus). Orders from leading enterprises of Stavropol Territory and the Russian Federation are conducted ("Belebeevsky factory "Avtonormal", "Plazmatsentr" (St. Petersburg), etc. The results of scientific research of the Faculty are implemented in repair and maintenance industry. Students can practice on the basis of "Stavropolagropromsnab", "Scientific - technical

Center "NTC", "Harvester Plant "ROSTSELMASH", "Yugprom", "Energomera", "STAVHOLDING", farm-breeding plant "RUSSIA", farm-breeding plant "KAZMINKY" and other enterprises in the region.

There are agreements with the world's leader in training of diagnosticians for car dealerships of car brands (BMW, RENAULT, PEGOUT, MERSEDES-BENS, etc.), and with GENE FA on opening a training center.

Being founded in 1974, the Faculty of Electrification in Agriculture by the decision of Scientific Council of the University in 2008 was renamed as "Electric Power Faculty". Faculty trains bachelors and masters on the program "Agroengineering".

There are 6 departments at the Faculty 4 of them take part in the educational programs' cluster 35.00.00 «Agriculture, Forestry and Fishery», including: Usage of Electricity in Agriculture (founded in 1967), Electric power supply and exploitation of electrical equipment (1980), Automation, Electronics and Metrology (1997), Theory of Electrical Engineering (1974). 90% of faculty members have academic degrees and titles.

Faculty's strategic partners in many areas are the leading enterprises: Concern "Energomera", "Stavropol electromechanical plant", MUP "Gorelectroset", branch "Western electric networks", JSC "Stavropolenergo". Faculty has established close relations with the universities in Europe: Czech Agricultural University, University of Hohenheim (Germany) and FolkUniversity (Sweden).

### 2. CONFORMING TO STANDARDS OF PROFESSIONAL PUBLIC ACCREDITATION

### Standard 1. Policy (objectives, development strategy) and educational program quality assurance procedures

FSBEI HPE Stavropol State Agrarian University's Mission is to expand the boundaries of knowledge and training, provide training for graduates, professionals; improve the quality of life in the South of the Russian Federation, and contribute to the preservation and multiplication of moral, cultural and scientific values of the society (Appendix 2).

In University's politics key processes needed to implement the strategy of the university are identified and developed. The main task of the educational policy of the University is to provide modern quality education based on the preservation of its fundamental and matching current and future needs of the individual, society and state.

The basis of the quality management system of the University is a process approach presupposes a system of planning, management, objective evaluation criteria and quality assurance at all stages and levels of the educational and research activities, as well as carrying out corrective and preventive actions.

All the processes (educational, training, research, innovation, informative and methodical, international, etc.) are interconnected and contribute to the effectiveness and efficiency of the organization in achieving its objectives and provide a systematic approach to quality management of the University. The university has implemented and certified quality management system based on the requirements of GOST R ISO 9001-2001 (ISO 9001:2000) issued by LLC "Stavropol Regional Center of Certification" (Appendix 3).

The coordination guide of education quality system at the University is based on international standards (Education Quality Management Centre (EQMC). Key issues of EQMC are discussed at the meetings of Training and Methodological Department and rectorate. The quality management system of a High school applies to all departments and basic education programs (BEP) (Appendix 4).

In the area of training the general objectives of the BEP of educational programs' cluster 35.00.00 «Agriculture, Forestry and Fishery» are:

- Meeting the needs of society and state in fundamentally educated specialists and harmoniously developed professionals, owning modern technologies in the field of professional activity;
- Meeting the needs of individuals in social and professional competencies that allow it to be in demand in the labor market and society, capable for professional mobility.
- In the field of education the main objectives are formation of social and personal qualities of students: commitment, organized nature, diligence, responsibility, public spirit, communicativeness, improving of general culture, tolerance.

According to SSAU Mission and Development Strategy, mission of educational programs' cluster 35.00.00 «Agriculture, Forestry and Fishery» BEP is the development of students' personal qualities, formation of common cultural universal competences (general science, social, personal, instrumental), professional competence in accordance with state requirements, as well as the training of an well organized, hard-working, responsible, tolerant professionals, ready to continue their education and inclusion into innovation and adaptation in the labor market and employment due to of mastering general cultural and professional competence of the BEP.

In evaluated educational programs' cluster 35.00.00 «Agriculture, Forestry and Fishery» goals and objectives are defined; they are aimed achieving quality of training relevant to the Mission of the University.

The international activity of the University focuses on the development and diversification of international educational and scientific relations, researches and bringing to the University international experience, theories, doctrines, principles and methods of training and education.

The main objectives of international cooperation in the field of University education and research activities are:

- integration of the University as an equal partner into the international scientific, technical and educational space, cooperation with foreign scientific schools to deal with specific research tasks;
- recognition of the University as an active participant in the global scientific and educational process;
- improving of the training quality both for Russia and for other countries.

Development of international partnerships to ensure integration with the international scientific community is one of SSAU priorities.

The University conducts its international activities in the following areas: realization of international educational and research programs and projects, organization of training and practice for students and teachers of the University abroad, participation in the integration of agricultural high schools in the world educational community, holding international conferences and seminars, training of foreign students, postgraduate students and professionals, attraction of international investment in the development of the University.

The plan for international collaboration in the framework with the educational programs' cluster 35.00.00 «Agriculture, Forestry and Fishery» BEP is aligned with the international activities of the university, it includes:

- -development of cooperation and mobility in higher education, represented by EU (program "Erasmus Mundus");
- -implementation of a program of international cultural exchange student «Work & Travel»;
- -industrial agricultural training in Germany, according to the contract with German organizations APOLLO and Peasant Farmers Union LOGO;
- -staff's meeting with leading scientists, politicians and public figures from around the world;

- -professional development in foreign partner universities, educational and research centers, foreign enterprises;
- master classes of companies JOHN DEERE; AMAZONE; KUHN; CLAAS etc.
- Achieving the goals of educational programs' cluster 35.00.00
   «Agriculture, Forestry and Fishery» provided by:
- -ensure the competence of teaching staff (professional development of teaching staff; foreign training, fundamental and applied research);
- -regular performance evaluation and comparison with the results of other educational institutions (internal audits and self-monitoring of strategic partners in education);
- involvement of employers' representatives, scientists around the world in giving lectures, master classes and final certification of graduates;
- -development and improvement of facilities of Faculty, resource support of educational and research activities, training at leading enterprises and foreign partners;
- -monitoring, review and adjustment of the educational program with the advice of employers and representatives of ministries and departments.

Monitoring educational process is aimed at identifying of learning outcomes criteria on the following parameters:

- -the level of students' knowledge and skills development;
- the level of key competencies development;
- -being in demand for graduates in the labor market.

The evaluation and analysis of education quality of BEP are carried out in accordance with the Regulations on internal quality control of the educational process in FSEI HPE Stavropol State Agrarian University.

Inconsistencies in the quality of training revealed according to monitoring results and proposals to improve the educational process are developed.

The action plan for improving the educational process in order to achieve program objectives is discussed at the meeting of Faculties' Academic Council and is presented in the future development plan of the Faculty, in the Working Plan of methodical commission and Working Plans of faculty's departments.

Information on training programs is published in regional newspapers. Weekly the TV program "Student AU" is issued out, which is about a specific training and professions' prospects. In accordance with the plan of career guidance, booklets are produced and events are organized.

The basic educational program of high professional education, curriculum and all regulations for academic affairs are placed in the local network of the University, the access to which is available from any computer of the SSAU.

In order to improve the quality of education in accordance with the expectations of consumers, which are identified on the basis of a periodic review of the basic educational program of high professional education by employers, monitoring of the educational process, development of procedures for assessing the level of knowledge and skills of students, attracting highly qualified academic teaching staff, including leading specialists of the ministries, departments and businesses. According to all

these factors there are changes in the basic educational program of cluster programs 110000 Agriculture and Fisheries (35.00.00 Agriculture, Forestry and Fisheries).

In the development and implementation of strategic goals and objectives of the basic educational program of high professional education participated academic teaching staff members, employers, representatives of the Ministry of Agriculture of the Stavropol Territory, the management structure of the University.

#### Areas for improvement

1. Provide access to the content of educational programs of the cluster 110000 Agriculture and Fisheries (35.00.00 Agriculture, Forestry and Fisheries) in English on the website of the University.

### Standard 2. Approval, monitoring and periodic evaluation of programs and qualifications

The curricula for cluster programs 35.00.00 Agriculture, Forestry and Fisheries are analyzed on the basis of the academic year results in the context of the new requirements, regulations, or achievements. That is the basis for allocation of academic workload in disciplines and departments. Analysis and correction of the curriculum is implemented in phases. Initially, the curriculum is being discussed at the dean's office meetings, with the statement of the views and wishes of the dean, associate dean for academic affairs, heads of departments, faculty members and methodical commission considering the wishes expressed by employers.

The next step is to discuss the curriculum with educational advisory board of the SSAU where the chairpersons of faculties' methodical commissions and vice dean for academic affairs are present. After consultation with the department of the educational process organization and control, the curriculum is discussed at the meeting of the University Academic Council, which covers the most important issues of the year, make suggestions and decisions to improve the educational work.

The content of educational program is focused on the best achievements of modern domestic and foreign science. The SSAU is the winner of Innovative Educational Program "Education" and as a result modern research and training equipment was purchased (Appendix 5).

The curricula in areas of training programs of the cluster 110000 Agriculture and Fisheries (35.00.00 Agriculture, Forestry and Fisheries) are based on the principle of multi-level education, and assume a continuation and deepening of the study of professional and special disciplines from bachelor programs to postgraduate programs.

One of the most important tasks for the implementation of the basic educational program's mission is to integrate the science into the learning process of bachelor's and master's program students. To achieve the goals, such subjects as "Basics of Scientific Research", "Research Methodology", and «Automated Design System" were included into the curriculum of bachelor program. The subjects promote the development of students' creative and scientific potential and targeted towards meeting the requirements of employers: development of skills and experience of project activities. Research activities of a Master is based on the broad range of

disciplines related to the purposes of training, such as "Scientific Projects Investment (according to study areas)", "The Methodology of Scientific Creativity", "Basics of Scientific Research", "Research Work" and research practices.

Final training results are clearly stated in the curriculum of each discipline (module) in relation with knowledge, skills and acquire competencies in the whole of the Basic educational program. Total labor intensity of the discipline cannot be less than two credits (except elective courses). In disciplines, labor intensity of which are more than three credits students should get marks ("excellent", "good", "satisfactory").

Training results of basic educational program of high professional education are acquiring graduate's competencies, in other words his ability to apply knowledge, skills and personal qualities in accordance with the professional activity.

The main types of training sessions are lectures, practical and laboratory classes. The share of classes in interactive forms is not less than 20 percent of in-class learning generally in the educational process.

The independent work of students within the educational and research activities is carried out on the basis of the University's scientific library, multimedia Internet resources of the University, reading room of scientific and training materials, periodicals according to the specialty profile, as well as consulting work is supported by the leading teachers through academic teaching staff personal accounts on SSAU site or on an existing schedule.

The results of independent work are evaluated by the teachers during the interim and ongoing assessment of students, with the usage of test tasks. The work programs of all disciplines includes a special section "Themes of independent work", which contains a list of literature that is proposed for self-study.

Authorities of the universities and faculty work closely with the Ministry of Labour of Stavropol Territory and the Ministry of Agriculture of Stavropol Territory for joint analysis of changes in the labor market needs and research of new professional opportunities for graduates. Regularly workshops and field sessions are held in the workplace, such as classes in the JSC "Concern" Energomera", Western Electric Networks of Stavropol (www.stgau.ru).

Training quality in the performance of the mission of SSAU and basic educational program is determined by the compliance objectives of the educational program learning outcomes which are based on the knowledge of graduates and employers', state's, strategic partners' requests.

Training and work practices are in the curriculum. Practice reinforces the knowledge and skills which are acquired by the student as a result of the development of theoretical courses, develops practical skills and contribute to a comprehensive general culture and the formation of professional competence of students. Practical training is organized on the basis of strategic partners, such as LLC "Combine Plant "Rostselmash", concern "Energomera", stud farm "Russia" in Novoaleksandrovsky District and other agricultural enterprises in the region, by contracting with the organization and the university. To succeed in practical training, the departments have all the necessary training and methodological support. According to the results

of practical training management the company provides a performance record on the student, confirming maturity of his common cultural and professional competencies and characterizes his personal qualities. Every year the best students of 3d and 4<sup>th</sup> years of study go for practical training to Germany, Switzerland and other European countries and then public discussion of the results follows.

An educational program realization is constantly being revised (once a year), is estimated by the results of the interim monitoring and final state attestation of graduates, which are analyzed and evaluated by the Scientific Council of the Faculty, at the meeting of educational-methodical council, at the University administration meetings and the Academic Council of SSAU. Inconsistencies are analyzed and the plan to eliminate them is made. There is a system of complex rating assessment of learning outcomes and other student achievements at the faculty (participation in scientific research, in volunteer activities, in sports, in artistic events, etc.). This assessment is crucial in the allocation of budget places for admission to SSAU, contracts of employment and motivates students to high-quality performance of all types of activity (Appendix 6).

To assess students' learning activity (learning achievement) consistently the following criteria, rules and requirements applied whish are agreed with the processes of teaching and learning: Standards of the University teaching and learning activities, the Regulation on the rating system of SSAU student assessment, the Regulation on monitoring and interim assessment of SSAU students, the Regulations on the procedure of students' recovery and deduction, the Regulation on the final state certification. These documents have been agreed with the European Qualifications Framework (EQF) and "Dublin descriptors".

Periodically there is an internal and external evaluation of educational programs (Appendices 7, 8, 9, 10, 11, 12, 13). Students, staff of the University, alumni and representatives of professional associations are involved in it. Internal and external evaluation is conducted according to the accepted regulations. Regularly (once a month) there is students' attestation and the rating of individual students and groups, as well as academic disciplines is determined by the score-rating system. This information is provided in the public domain on the website of the Faculty and the University.

For the publication of the expected results of the basic educational program the University site is used <a href="https://www.stgau.ru">www.stgau.ru</a>, the University newspaper is published, television programs are created.

#### Areas for improvement

- 1. It is necessary to increase the number of attracted leading scientists, experts, employers to scientific innovation process of the faculties.
  - 2. More active involvement of 1st year students in the research work.
- 3. To broaden the range of intercollegiate events involving foreign students: seminars, conferences, schools, seminars and competitions.

### Standard 3. Assessment of students' knowledge / competences level

Assessment of students training quality is based on the analysis and evaluation of admission requirements, testing results of current progress in all subjects, final certification of graduates.

To assess the learning activities of students the following rules and regulations are used whish are covered in the following documents: the Regulations on the score-rating system, the Regulations on the admission tests and examinations; the Regulations on term essays; the Regulations on interactive forms of education; the Regulations on the organization of independent work; the Regulation on the practical training; the Regulation on training students on individual plans and individual schedules; the Regulations on Final State Examination; the Regulations on master programs; the Regulations on the implementation and protection of final qualifying work; the Regulations on the order of transfer, expel and recovery of students.

Admission rules and requirements for entrance tests are presented on the site of admission committee http://stgau.ru/abiturient/index2.php, which provides general information, the Regulations on admission, information on enrolment, the program and schedule of entrance tests, information for applicants on contracted form of training. During the time of the admission committee functioning the booklets are made and there are advertisements in the local media.

For completing the best trained contingent by creative and active school graduates there is the Center of pre-university training at the University.

The system of pre-university work, recruitment and selection of applicants ensures high quality admission. As part of career guidance, "Doors Open Day" became traditional with the presentation of each faculty that demonstrates the level of the interests of future applicants to the University and its specialties. At the University site in the "Applicant" section there is all necessary information for school graduates: the Regulations on admission, Admission Tests Programs, General Information, a section which informs about the employability of graduates (www.stgau.ru).

Weekly there is a TV program "Student AU" on the local TV channel which is dedicated to news of the week, and with the information about each profession trained in SSAU (www.stgau.ru).

Besides the career guidance work is carried out at schools and districts of Stavropol Territory, which are assigned to faculty members, who support constant communication with them, participate in parent-teacher meetings, and other events. On the basis of educational and experimental farm annual event "Tractor show" takes place. The main aim is to develop the interest of potential applicants to the future profession. Thus the whole range of activities allows us to achieve significant benefits of SSAU compared with other universities in the region and in Russia. NCFD needs for specialists in the field of "Agroengineering" until 2020 is 634 people.

All information on the types, timing and requirements for monitoring of students' knowledge is communicated to them in the first session, through training manuals on discipline, posted on the website of the University.

Basic methods of students' learning achievements assessment are in the score-rating system which has been functioning in SSAU since 2008-2009 academic year. Point-rating system compensates for the shortcomings of the traditional system, consisting in the absence of current educational records of the student. For all kinds of work done by students during the semester (semesters), they get points and there are different forms of control measures ("checkpoints"), each of which is assessed a certain number of points, points are awarded for an exam or the final result, a rating point on the subject. There is a fund of assessment materials for each discipline (tests, case studies, business games, etc. with the required validity and reliability) and the criteria for assessment of the activities of students. The procedure of examination usually includes several stages. So, at the department of normal physiology the exam consists of three stages: 1) practical skills, 2) computer-based testing on the most important human physiological constants, and 3) oral interview on the examination card. The analysis begins with a practical skills test "Passports of Students' Health" which is filled in the classroom for the study of physiology, while examining the most important parameters of their functional activity, the level of efficiency, conclusions and recommendations.

Assessing students' knowledge based on the score-rating system, practice recommendations of graduates based on academic achievement causes objectivity, transparency, clarity of procedures and students' motivation to achieve results.

The prevailing part of the academic teaching staff involved in the assessment of knowledge and skills of students have academic degrees and titles, passed advance training courses.

Pedagogical analysis of comparing the results of the Federal Internet exam for bachelor program students of specialty 110200.62 Agriculture showed that in the cycle of the overall humanitarian, socio-economic, mathematical and natural science disciplines the quality of SSAU students' knowledge is higher (53-95%) than of students of Saratov State Agrarian University named after N.I. Vavilova (45,5-48%).

In order to organize independent work of students of the Faculty of Agriculture Mechanization in "Agroengineering" in the department designed graphics independent work of students in each discipline of the main educational program. At the Faculty Council of Young Scientists and Students' Scientific Society is working fruitfully. Number of students participating in the research and willing to devote their lives scientific activity is increasing every year. Faculty repeatedly took the leading position in the university by the number of patents granted for inventions and utility models. Annually on the results of the Student Scientific Society conducted student scientific conferences. Best student papers will be awarded diplomas and prizes (Appendix 14).

The proportion of students engaged in scientific coteries - about 90 percent. Every year the university is a place for all-Russia scientific-practical conference of students and young scientists "YOUNG AGRARIANS OF STAVROPOL TERRITORY", "AGRO UNIVERSAL" and others, which in one form or another are involved about 300 students SSAU Faculty of Agricultural

Mechanization. Over the past five years up to conferences was published 65 scientific students' works (Appendix 15, 16, 17, 18).

For achievements in the field of education and science students become nominal scholarships: Scholarship of the President of the Russian Federation, the Governor of the Stavropol Territory, the Government of the Russian Federation , public company "Concern" Energomera", limited company "Combine Plant "Rostselmash" and others (Appendix 19).

The faculties of passing students of organized practice on the basis - of public company "Stavropolagropromsnab", limited company "Scientific - Technical Center "NTC", limited company "Combine Plant "Rostselmash", limited company "Yugprom", public company "Energomera", public company "STAVHOLDING" farm-breeding plant "RUSSIA", farm-breeding plant "KAZMINKY" and other enterprises in the region .

Following the results of the best practices of the students receive scholarships of "Rostselmash", and "Concern" Energomera".

Within the framework of international cooperation every year dozens of students of the faculty take part in various international programs: APOLLO, LOGO, SWEP, and Peasant Farmers Union. Duration of training and practice is 4 ... 6 months. Learning foreign languages is stimulated students by the opportunity to go to study abroad for up to 1 year.

Involvement in the process of international educational and scientific cooperation with foreign universities realizes through participation of the University in international programs and projects. So the program "Erasmus Mundus": external window cooperation «from 2008 students and postgraduates of the faculty are trained in European countries. Currently, two postgraduate students of the faculty are trained finish their thesis in Prague Agrarian University.

Conclusions about the quality of training are done on the results of training and research activities of students. Effective assessment of knowledge at the university introduced the electronic system of the deanery, the electronic portfolio that allows you to monitor progress and achievements of students. Regularly analyzes customer feedback and success of professional activity of students.

The University is organized on an effective system of assistance in employment of graduates, which begins with the advanced undergraduate and graduate design is carried to a specific workplace. To that end, the alumni meeting are provided with the Minister of Agriculture of the Stavropol Territory, heads of agricultural enterprises.

So, graduates which are qualified as "Agronomy" compared with Mordovia State University named after .N.P. Ogareva (Saransk) (2008 -82%, 2009 - 63%, 2010 - 95%, 2011 - 75%, 2012 - 70%) in all the years of issues employed by 100%.

#### Areas for improvement

- 1. Development of distance education system of students.
- 2. Expansion of the research, in which representatives of employers interested.

#### Standard 4. Quality assurance and competence of teaching staff

Academic staff is implementing of main educational program by cluster programs 110000 Agriculture and Fisheries (35.00.00 Agriculture, forestry and fisheries), formed of highly qualified teachers with academic degrees and titles. The strengths of the human capacity are the availability of scientific schools and the system of training highly qualified, stable teams. Direction indicators and workforce development institution are enshrined in the "Strategy for the Development of the University until 2020".

Implementation of main educational program by cluster of programs 110000 Agriculture and Fisheries (35.00.00 Agriculture, forestry and fisheries) provided scientific and pedagogical staff with basic education, corresponding to the profile taught discipline, systematically engaged in scientific and methodological activities and improve their skills.

All subjects provided basic educational program taught by qualified academic staff. All teachers have scientific specialty which fits the profile of the subjects taught.

Important role in the development of professional and personal growth and adaptation to the new requirements of professional plays self-education of the academic staff and cognitive activity. Organization of work to meet the needs of staff in self-education includes activities: provision of academic staff possibilities of using the updated library collection, automation of library processes, updating and expanding the list of periodicals; creation of the University community access points to the Internet, as well as equipping workplaces with computer equipment Internet access; opening of Center of scientific innovative and information analytics, which includes its own patent office, etc.; providing conditions (specialized equipment, research laboratories, etc.) for the organization of research and experimental work, create a system of reciprocal visiting of teachers' lecture, laboratory and seminars both on its faculty, and colleagues from other faculties.

Positive is the change in the age composition of the academic staff. The average age of teachers is 45 years with a trend toward rejuvenation.

Currently SSAU acts competitive selection procedure applicants for academic staff. In accordance with it the applicant must provide to the secretariat of the Academic Council in strict timeline required documents. In approving the candidate to participate in the competition, he must pass a competitive selection at a meeting of the department, the deanery, and later by the Scientific Council of the Faculty and the University. Employment contract signed by the rector of the period taking into account the opinions of the Scientific Council (maximum - 5 years). Signed employment contract is the basis for the publication of the order of appointment to a vacant position. Further interaction with the academic staff in terms of: recruitment and placement, registration of their admission, transfer and dismissal, preparation of documents for approval to the office staff is the responsibility of the Personnel Department of SSAU.

Promotion of staff in the service primarily depends on the individual teacher's rating, which is formed at the end of each academic year, as well as the degree of qualification (degree, academic title, foreign language skills, teaching skills, the number of publications, organizational skills, the results

of scientific research work and work with students, professional development).

Established in SSAU system of rated assessment of departments and point- rating assessment system academic staff activities, the competitive environment and activates the channels of upward mobility training. Position Head of Department and the teaching and support staff of the department is determined by the rating of the department place. Teacher position is the result of the sum of the individual scores. At the beginning of each calendar year, fed rating faculty chairs and each employee individually is struck. Payment of incentive allowances depends on the position in the ranking: the higher the position, the greater the share of allowances in wages. Rating is taken into account when making personnel decisions, moral encouragement of employees (www.stgau.ru).

Academic staff involved in the implementation of the main educational program by cluster of programs 110000 Agriculture and Fisheries (35.00.00 Agriculture, forestry and fisheries), is actively involved in research, methodological studies (Appendix 20.21). Scientific advances of academic staff regularly displayed at exhibitions, published in the scientific press, regularly published textbooks and manuals stamped Academic union or ministries regularly increased citation index Russian Science Citation Index. In order to motivate academic staff, Scientific Research in SSAU implemented by contractual in government contracts and is supported by grants (Appendix 22, 23, 24, 25).

Young scientists are actively involved in obtaining grants from the Foundation for Assistance to Small Innovative Enterprises in Science and Technology (Appendix 26).

The scientific potential of the University staff composition is one of the highest among universities in Stavropol Territory and agricultural universities of the Russian Federation. According elibrari.ru (2012) at the Stavropol State Agrarian University - 5th place among all agricultural education and research organizations in the Hirsch index, the number of publications in journals with impact factor to 63 %, which corresponds to the fourth place.

Formation of human capacity is the main priority in the activities of the University. All teachers who are not having a post graduate degree, given the opportunity to post graduate or doctoral degree.

The procedure, conditions of employment, competitive selection and employment contracts between the University and the employee of the number of scientific and teaching staff are determined in accordance with the order of the Ministry of Education of Russian Federation on November 26, 2002 № 4114 "On approval of the order of succession of academic staff in institution of higher education of the Russian Federation". Particular attention is paid to training in own scientific-pedagogical personnel of the University. In developing a strategy and plans for staff used the entire structure of the University, which allows attracting the planning policy strategy for human resources almost all the staff: administration, deanery, departments, teachers and representatives of the student government.

Faculty members are actively developing relationships with partners in Russia and abroad, integration with other research, educational

organizations. There are various forms of interaction. In regular workshops with participation of leading Russian and foreign experts is to give lectures and seminars. Based on research jointly publish scientific papers, tutorials.

At the level of administration is formed in relation to the basic strategy of human resources of the university. At the level of dean plans and personnel development program faculties and departments, as well as plans to prepare a defense of dissertation research by the University are formed. At the level of departments proposals for scientific research, training plans of staff created educational research teams to implement grants, contractual projects and targeted research programs are formed.

Formed at the level of teachers, offers are for development programs to fill the faculties and departments, generated ideas for research and development grants program created for professional growth and personal development of the faculty staff and suggestions to improve their skills.

Every year, the faculty held internships and training in leading scientific and educational centers in Russia and abroad, as evidenced by the corresponding certificates. In general, the basic educational program proportion of persons with academic degrees and titles of the relevant license indicator.

SSAU is making efforts to implement the principles of the Bologna Process, in particular, the academic mobility of faculty members. Teachers are trained in foreign universities.

To improve language training of faculty organized special courses in English or German language, designed for different levels.

#### **Areas for improvement**

- 1. Increasing the number of publications of foreign citation indices SCOPUS and Web of science.
  - 2. Improving language skills of teachers and postgraduate students.

#### Standard 5. Educational resources and providing of students

The Stavropol State Agrarian University ensures that students and masters are fully supplied material and technical base for training, implementation Educational Professional Program by cluster of programs 110000 Agriculture and Fisheries (35.00.00 Agriculture, forestry and fisheries). During the last 5 years and continues to be updated material-technical base of the faculties.

To implement Educational Professional Program by cluster of programs 110000 Agriculture and Fisheries (35.00.00 Agriculture, forestry and fisheries) used classroom fund equipped in accordance with modern requirements. Classrooms are equipped with computers, multimedia projectors, telecommunications and software licenses, which allow teaching the use of modern educational technology. All computers have access to the Internet. Most developed information technology in the university are computer test control, implemented by the overwhelming number of departments, the use of multimedia presentations for seminars as well as lectures, created, including by teachers (Appendix 27,28,29), a significant bank of multimedia presentations all educational programs.

The analysis of the SSAU funding from the federal budget in the context of expenditure subject shows that in recent years, the funding was

characterized by stability and about the same collateral various areas of expenditure. Incomes from extrabudgetary activities tend to increase.

The university has a scientific library, a common fund of which is 3 millions 665 thousand of copies. In the scientific library of the university there is implemented a project "Digital Library", oriented to provide user's access to electronic resources of remote access. All library processes, with the exception of book circulation, are fully automated. The library has 138 computers. All workstations have access to the Internet and legal databases "Garant" and "Consultant". Currently, the e-library has 7992 editions (study guides, methodical literature, monographs published in the printing-office of the university since 2003, electronic textbooks and study guides). The fund of the hybrid library is 789 carriers.

On the website of the university freely available every teacher has a personal account, where are the educational-methodical complexes on teaching disciplines including theoretical and practical courses with questions for self-study, as well as development and scientific publications for creating of necessary conditions for self-teaching and research work of students. To improve their qualification in accordance with the plans for every year as in profiles' programs or in other areas (72 h) the employees confirm it with certificates (<a href="https://www.stgau.ru">www.stgau.ru</a>).

The technical and administrative staff is qualified to provide the educational process at a high level. Annually there is a rating of technical and administrative employees. The university periodically conducts further education courses focused on professional growth of staff. For example, from 2009 to 2013 according to the program of fire-technical minimum there were trained 128 employees and equipped five stands of visual agitation according to the rules of fire safety.

Enterprises and agribusiness organizations, joint stock companies, limited liability companies, large, medium and small organizations, enterprises of all forms of ownership and activities (LLC " Agroproduct " in Shpakovsky area; Agricultural production credit cooperative "Rassvet" in Izobilnensky area; Agricultural production cooperative farm-breeding plant "Kazminsky", Agricultural production cooperative farm-breeding plant "Chapaev" in Kochubeevsky area; CJSC "Poultry Shpakovskaya"; brood collective farm "Russia" in Novoaleksandrovsky area; CJSC "Rodina" in Blagodarnensky area and others) come forward to provide the base for students' externship.

The department for "social research and marketing" is responsible for the system of students' feedback about valuation of conditions and organization of educational process in the Agrarian University. The main activities and functions of the department are developing and conducting of sociological research on educational, cultural, socioeconomic, scientific and innovative spheres of the university; monitoring of public opinion of staff, teachers, graduate students, students and reporting program for managerial decision making. According to the system of monitoring there is regularly developed students' satisfaction with the quality of whole educational environment – a set of additional factors and support services that provide students with a comfortable learning environment. This balanced schedule, convenience and availability of classrooms, access to computers and the

Internet, the use of copiers, the availability of multimedia learning facilities for self-study and recreation, library and etc. There are revealed complaints of students and their suggestions for improving of the university's activity, as well as on various aspects of student life.

#### **Areas for improvement**

- 1. Higher-education teaching personnel, postgraduate students and students have to actively use modern foreign literature in the original language in the learning process.
  - 2. To continue equipping of all university's rooms with «wi-fi» access.

### Standard 6. Information system providing an effective realization of educational program

The center for education's quality management (CEQM, Center) provides the collection, analysis, diagnostics and information dissemination necessary for the effective management of educational process, help in the educational process in university's subdivisions. CEQM (center for education's quality management) plans and organizes various activities related to the quality of education at the university, provides informational, scientific and methodological, design and expert activity. The center has developed and implemented at the university the quality management system (QMS) which includes:

- Monitoring of educational process: intermediate student's performance, session's results, quality of graduate's training; research work (twice a year).
  - Rating of faculties and departments (annually).
- Surveys of higher-education teaching personnel, students, graduate students, graduates and employers (twice a year).
  - External audits and surveys three times a year.
  - Self-evaluation on criteria for quality competitions (twice a year).
  - Objective surveys according to requests.
  - Management review (weekly).

QMS function in the SSAU is based on the application of the process approach. There are developed measures for continuous quality improvement. Strategy and procedures are officially registered and available for the publicity and form a system by which the university monitors the effectiveness of the QMS. Documented procedures and procedural instructions contain information about the methods by which the activities of the institution are conducted and used as reference material for those who is interested in the practical application of the procedures.

The university has developed and implemented a system of automated office management and electronic work flow. In the future, the improvement of this software will help to organize a reporting system for different status and attributes of documents, monitor progress on the execution of documents and work flow processes and make management decisions based on accounting data.

The informational support of educational process, the active use of computer technology, the prevalence of student's interest to Internet resources, in comparison with usual print resources, contribute to a more

active implementation in the educational process of modules equipped with materials available via the Internet.

The integration with intramural electronic resources of scientific and educational processes is performed through active implantable in the SSAU modern information technologies; provide the students with Internet tools – non-traditional sources of information – electronic library resource, file archives of virtual teacher's accounts improve the efficiency of independent work, create the conditions for creativity to studies and scientific research, acquisition and development of various professional skills, allow to implement a fundamentally new forms and methods.

Achievements of the main curriculum organization on cluster of programs 110000 Agriculture and fisheries (35.00.00 Agriculture, forestry and fisheries) is regularly compared with the results of other universities, such as Kuban State Agrarian University (Krasnodar), Moscow Timiryazev Agricultural Academy (Moscow), *Azov-Black Sea State* Agroengineering *Academy* (Zernograd). The main advantages of the university are:

- -modern innovative training equipment, providing professional training;
- -classroom fund equipped with multimedia equipment;
- -use of modern control and diagnostic instrumentation during laboratory and practical exercises;
- -opportunity for students to participate in scientific contests and grants and win them;
- -open access to electronic library systems, practically from anywhere in Russia:
- -high degree of job placement for graduates in this area;
- -opportunity of apprenticeships abroad Russia.

Availability and completeness of teaching and learning materials, electronic textbooks and educational materials in the local network of the university is based on transition of educational process to new modern electronic, computer and distant technologies. The university has a system of electronic scheduling, which allows to get quickly information about the schedule of any group on the faculty. The access to electronic schedule is available via INTERNET, on the website of the university (http://otsup.stgau.ru/electrorasp/index.html).

The database of information resources of remote access is formed, including the largest electronic-library systems (EBS "University Library online", EBS "Lan") and a database of scientific information, such as the Scientific Electronic Library eLIBRARY.RU, ScienceDirect, Scopus publishing «Elsevier Science and technology", Digital Dissertation Library of the Russian State Library, the database of the Central Scientific Agricultural Library of Russian Academy of Agricultural Sciences, the database POLPRED.com: «Russia – Europe"," Agriculture abroad", "Ecology abroad", "Russia in the global economy", online library IQiib. Licensing agreements obtained at the time of acquisition of databases allow providing these resources to all users of the university with access of IP-addresses in each subdivision of SSAU and through the system of electronic reading rooms of the library. The access to electronic library systems is available for SSAU users from anywhere globally where the Internet access is.

#### Areas for improvement

To increase the number of online materials available to students via the Internet on the cluster of programs 110000 Agriculture and fisheries (35.00.00 Agriculture, forestry and fisheries).

#### Standard 7. Public information

Public information about the educational program occurs through various communication channels. A significant role plays the SSAU's official website, available at: http://www.stgau.ru under regulation of posting on the Internet and update the information on the educational institution (approved by RF Government Decree of April 18, 2012 No. 343). The site contains information of the university's activities and its divisions. The content of SSAU is formed of socially important information for all participants of the educational process, business partners and all other stakeholders according to the statutory activity of the SSAU. Each department involved in the implementation of the main curriculum in the specialty Agroengineering, has its own page on the university's website with the materials of the disciplines and learning process.

The main information resource components of the SSAU's official site are: general information about the university as a public educational institution consisting of university's and faculty's news, reference materials about educational programs, educational forms, university entrance; materials about the organization of the educational process; materials about scientific activities and international contacts of the university; electronic-library resources, collection of case materials in the profile of the faculties, departments, branches and other departments of the university; materials about the events of the university's current life, events held at the university and with its participation, news archives.

The official group "Podslushano v StGAU (Overheard in SSAU)" actively works in the social network "Vkontakte" with more than 12,000 participants (<a href="http://vk.com/secrets\_stgau">http://vk.com/secrets\_stgau</a>; <a href="http://sprashivai.ru/secrets\_stgau">http://sprashivai.ru/secrets\_stgau</a>; <a href="http://sprashivai.ru/secrets\_stgau">http://sprashivai.ru/secrets\_stgau</a>; <a href="http://sprashivai.ru/secrets\_stgau">http://sprashivai.ru/secrets\_stgau</a>; <a href="http://sprashivai.ru/secrets\_stgau">http://sprashivai.ru/secrets\_stgau</a>; and teachers of the university operatively involved in the discussion of students' problems.

The university's activity is regularly shown on popular TV channels: "REN TV – Stavropol", "Stavropol's channel STV", "Russia 1" weekly broadcasts the show of the Agrarian University "Student AU" about students' and university's life, in the print media: "Stavropolskaya Pravda", "Argumenty and Facty", "Komsomolskaya Pravda", "Vecherniy Stavropol", "Academiya", "Otkrytaya", etc. All article publications are posted on the website of SSAU under "General Information" in the section "Mass media about us» (www.stgau.ru).

To inform applicants and students information stands are used.

On the official website the information provided by employers about vacancies and job conditions is published.

In SSAU there are two main approaches in the relationships with partners and suppliers: institutional (initiated at the management level or a separate subdivision) and individual. Management methods of relationships with partners are identified: feedback method; informing of partners and

suppliers; regulation of behavior; motivation to teamwork and *continuation* of cooperation.

The system of relationships with strategic partners, including: LLC "Combine Plant "Rostselmash"; Agricultural production credit cooperative "Rassvet" in Izobilnensky area; Agricultural production cooperative farmbreeding plant "Kazminsky", Agricultural production cooperative farmbreeding plant "Chapaev" in Kochubeevsky area; CJSC "Poultry Shpakovskaya"; brood collective farm "Russia" in Novoaleksandrovsky area and others , is based on contracts for creative, scientific and technical cooperation. So, for the period of 2006-2013 there were signed more than 20 contracts.

The system of interaction with partners is focused on creating of new qualitative indicators of services at realization's costs of following forms of cooperation: involvement of employers in the development and adjustment educational programs (opening of new specialties. development, participation of higher-education teaching personnel and partners in the assignment of State Attestation Commissions, etc.); practical training of students (based on strategic partners); joint educational and methodical activities (publication of textbooks, including visa of Education and Methodics Association); joint patenting activity; employment of (job fair, personal invitations from employers, lectures, presentations and information stands of enterprises, etc.); conducting of research work (through the request of enterprises and (or) joint research), business centers for collective use; organization and holding of joint seminars, exhibitions, conferences, trainings (higher-education teaching personnel – on the base of strategic partners and employees of enterprises on the base of the university), etc.

A big role in public information about the educational program also plays pursued career-guidance work with potential applicants and their parents. Doors Open Day is regularly held, printed products with logos of SSAU are published, which outlines the objectives of the educational program; outdoor events in the region are carried out. The local mass media and television regularly cover events happened in the life of the university: the newspaper is published, cycle of TV programs «Student AU» is produced (www.stgau.ru).

#### Areas for improvement

- Systematization of information about public events and joint initiatives with stakeholders on the website of the university by creating a separate partition.
- 2. Improving of the information system planning and reporting of educational-methodical and scientific innovation work.

#### 3. Implications

Self-examination conducted by cluster of programs 35.00.00 Agriculture, forestry and fisheries for establishing of compliance with the standards and criteria of professional accreditation of National Centre for Public Accreditation allows to make the following conclusions:

- 1. The main educational programs by cluster of programs 110000 Agriculture and fisheries (35.00.00 Agriculture, forestry and fisheries) are a complex project, which is a system of interconnected public and university documents, establishing: objectives, expected results, structure and content conditions technology education, and of educational implementation: systems of teachers' activities. students. structural subdivisions; funds and technologies of quality assessment of students at all stages of their training.
- 2. Objectives of the educational program are formulated in the published document on the official website, are contained in the working education programs, are accorded with the mission and strategy of development of the Stavropol State Agrarian University. The mechanism for permanent evaluation and adjustment of program objectives is established, taking into account the views of students, higher-education teaching personnel and employers.
- 3. Implementation of the main curriculum is characterized by approximation, sufficiency and availability of educational resources provided by instructional documentation and materials, electronic resources for all academic disciplines. The strong point of the main curriculum is the active use of modeling techniques, methods of planning and carrying out of experiments, which provides not only the acquisition of professional skills, but also the necessary ethical principles.
- 4. The learning results on the program are expressed through demand of professional training, defined as the formedness of scientific thinking as well as skills provided professional challenges. Requirements are based according to the State Educational Standard of Higher Professional Education with the needs of industry, traditions and achievements of scientific and pedagogical school in the SSAU.
- 5. The higher-education teaching personnel is highly qualified. The university has created a competitive environment that enables to extend best practices and influence on insufficient activity.
- 6. Material and technical, financial, information support of the educational process, administrative and managerial and technical staff skills allow organizing an effective training, educational process, comfortable learning environment and life for students.
- 7. According to the cluster of programs 110000 Agriculture and fisheries (35.00.00 Agriculture, forestry and fisheries) an information system that provides effective implementation of educational programs through continuous monitoring of students', employees', employers' opinions and assessment, their involvement in the discussion and decision-making is created.

Федеральная служба по надзору в сфере образования и науки

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Миссия университета — расширить границы знания и обучения, обеспечить подготовку выпускников-профессионалов, улучшить качество жизни населения Юга РФ и способствовать сохранию и приуможению иравственных, культурных и научных ценностей общества.

Видение СтГАУ: обучение, развитие и воспитание личности, способной успешно работать в любой стране мира и проявлять свои творческие возможности в условиях многообразия современного общества.

<u>Ценности Университета:</u> Качество, Этика, Профессионализм, Креатив.

Качество для нас обозначает предоставление нашим потребителям услуг, которые отвечают или превышают их ожидания. Работа над совершенствованием качества услуг – это основная задача каждого из наших сотрудников.

В нашей работе мы придерживаемся высоких этических стандартов. Мы уважаем наших потребителей, партнеров и сотрудников как уникальных личностей с индивидуальными потребностями и стремлениями.

Мы стремимся к использованию дучших мировых технолопій и новых разработок в обысти образования и управовне персоналом. Мы привествуем высокую персональную опестеменость ажкого сотружника. Мы привествуем открытость и стремимся к повышению уровня коммуникаций и обмена информациесь.

 Мы – креативны, постоянно генерируем новые иден. Это на постоянный источник энергии, благодаря которому мы достигаем успеха.



#### СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

ОРГАН ПО СЕРТИФИКАЦИИ СИСТЕМ МЕНЕДЕМИНТА КАЧЕСТЫ

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**ВРОПОЛЬСКИЙ ГОСУЛАРСТВЕННЫЙ** АГРАРНЫЙ УНИВЕРСИТЕТ





#### ПОЛИТИКА В ОБЛАСТИ КАЧЕСТВА Ставропольского государственного аграрного университета

Ключевая цель Политики в области качества - развитие СтГАУ как универсального образовательного, научно-исследовательского, аналитического, консалтингового и проектного центра, способствующего устойчивому экономическому, социальному и экологическому развитию Ставропольского края и юга России. Стратегия СтГАУ в реализации Ключевой цели:

 концентрация таланта — привлечение в СтГАУ талантливых студентов, аспирантов, преподавателей, ученых через интернационализацию образования, разработку собственных программ, содействие в участии в региональных и федеральных программах поддержки креативных сотрудников и студентов. • разнообразие ресурсов – диверсификация источников бюджетного и внебюджетного финансирования через коммершиализацию результатов исследований научных школ,

трансфер технологий, расширение ассортимента дополнительных услуг, расширение сферы экспертно-консалтинговой деятельности сотрудников. • оптимальное управление - непрерывное совершенствование системы управления через поддержку дидерства, делегирование полномочий на основе вдохновляющей мотивации, расширение коммуникационного потока и наделение ресурсами.

Политика СтГАУ в области качества базируется на следующих принципал • совершенствование ключевых процессов для постоянного улучшения качества услуг СтГАУ в соответствии с установленными ожиданиями потребителей, с государственными образовательными стандартами и достижениями науки, с законом «Об образовании в Российской Федерации»;

• вовлеченность сотрудников и обучающихся в деятельность по улучшению качества ключевых процессов через непрерывное повышение компетентности и мотивации, поддержку различных творческих инициатив: • поддержание и развитие корпоративной среды, способствующей формированию социально ответственной личности сотрудников и обучающихся, обладающих профессио-

нализмом, инициативностью и ответственностью, гражданским самосознанием, высокими нравственными ценностями: • вовлеченность партнеров и всех сторон, заинтересованных в успешной работе СтГАУ, в реализацию Политики в области Качества и установление с ними долгосрочного сотрудничества;

• открытость и доступность информации о ключевых результатах деятельности СтГАУ и его структурных подразделений, сотрудничество со СМИ в освещении лучшей практики в образовании, науке, воспитании, управлении, развитии партнерских отношений.

Руководство университета берет на себя ответственность за реализацию Политики в области качества, гарантирует обеспечение условий для ее реализации и призывает всех сотрудников и обучающихся СтГАУ объединить усилия для достижения ключевой цели.

PEKTOP BAY KOR ZE & B. U. TPYXAYER

01.01.2013 г.

Приоритетный национальный проект "Образование"

Министерство образования и науки Российской Федерации

#### **Диплом**

Ставропольскому

государственному

аграрному университету

победителю конкурса образовательных учреждений высшего профессионального образования, внедряющих инновационные образовательные программы

«Образование»

Министр образования и науки Российской Федерации



А. Фурсенко



### БУДУЩЕЕ-ДЕТЯМ

### SARTO ARPHOSTS

исдахозіі

<u>прирафаеш дуаходарностір</u>

<u>прухудіт ратіў</u>, 

<u>прухудіт ратіў</u>, 

(Межьекпонукриріц дешдуў дуахоціворишекриріц фонд

Ecaynes A. H.



§a) поддержку и помошь в проведении

U международного конкурса

вођального искусства "ГОЛОС ПЛЛНЕТЫ" о

§a большой личный вклад в развитие

(народного (пворчества и воспитание подрастающего
поколения России.

DIPERTOP

E.H. MEPEHNOBA

**ПЛТИГОРСІ**1 2013



#### **EFOM Excellence Award 2013**

Federal State Budgetary Educational Establishment of the Higher Professional Education «STAVROPOL STATE AGRARIAN UNIVERSITY»

Prize Winner 2013

October 2013

issued by **EFQM** 

Su 1.

Marc Amblard, CEO



#### ПРАВИТЕЛЬСТВО РОССИЙСКОЙ ФЕДЕРАЦИИ

#### ДИПЛОМ

ЛАУРЕАТА ПРЕМИИ ПРАВИТЕЛЬСТВА РОССИЙСКОЙ ФЕДЕРАЦИИ 2011 ГОДА В ОБЛАСТИ КАЧЕСТВА

Федеральному государственному бюджетному образовательному учреждению

высшего профессионального образования Ставропольский государственный аграрный

университет»
г. Ставрополь

ПРИСУЖДЕНА ПРЕМИЯ ПРАВИТЕЛЬСТВА РОФОИЙСКОЙ ФЕДЕРАЦИИ В ОБЛАСТИ КАЧЕСТВА 3А ДОСТИЖЕНИЕ ЗНАЧИТЕЛЬНЫХ РЕЗУЛЬТАТОВ В ОБЛАСТИ КАЧЕСТВА ПРОДУКЦИИ И УСЛУГ, А ТАЮЖЕ 3А ВНЕДРЕНИЕ ВЫСОКО ЭФФЕКТИВНЫХ МЕТОДОВ МЕНЕДЖМЕНТА КАЧЕСТВА.

Председатель Правительства Российской

Регистрационный номео 6/2011



#### CERTIFICATE



#### EUROPEAN SOCIETY FOR QUALITY RESEARCH

#### STAVROPOL STATE AGRARIAN UNIVERSITY

In recognition of its extraordinary achievements in quality management is hereby declared the winner of the

INTERNATIONAL DIAMOND PRIZE FOR EXCELLENCE IN QUALITY

in the

GOLD CATEGORY



With all honors, rights and privileges pertaining thereto. In testimony whereof the corresponding signature and seal have been affixed this day, December 2, 2012 in Brussels, Belgium.

Executive Director







#### ДИПЛОМ

#### ЛАУРЕАТА ЕЖЕГОДНОЙ МЕЖДУНАРОДНОЙ ПРЕМИИ

«ЛУЧШАЯ КОМПАНИЯ ГОДА»

2012

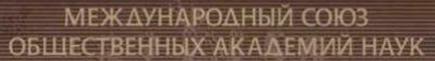
награждается

Федеральное государственное бюджетное образовательное 
учреждение высшего профессионального образования 
«Ставропольский государственный аграрный университет»

Ректор ТРУХАЧЕВ Влалимир Иванович



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## CBMAETEALCTBO

ОБ ОБШЕСТВЕННО-ПРОФЕССИОНАЛЬНОЙ АККРЕДИТАЦИИ

СРОКОМ НА 5 ЛЕТ

РЕГИСТРАЦИОННЫЙ НОМЕР

001/ОПА-08

Федеральное государственное образовательное учреждение высшего профессионального образования

«СТАВРОПОЛЬСКИЙ ГОСУДАРСТВЕННЫЙ АГРАРНЫЙ УНИВЕРСИТЕТ»

Организационно-правовая форма

Государственное учреждение

Тип образовательного учреждения

Высшее учебное заведение

Вид образовательного учреждения

**Университет** 

Председатель Совети (Сийна по общественной аккру Магия) образовательных у на хдений.

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Программы высшего профессионального образования:

020800.62 «Экология и природопользование»

Действителен до 14 октября 2013 г.

080100.62 «Экономика»

080500.62 «Менеджмент»

110200.62 «Агрономия»

г. Москва

110300.62 «Агроинженерия» 110400.62 «Зоотехния»

140200.62 «Электроэнергетика»

Председатель Аккредитационного совета АККОРК, Член-корреспондент Российской академии образования

Ю.Б. Рубин

выдал 14 октября 2010г



## Clugemexombo oб arrpegumaųuu N<sup>Q</sup>D~114

г. Москва

Действителен до 14 октября 2013 г.

Настоящим подтверждается Федерального государственного аккредитация образовательного учреждения высшего профессионального образования «Ставропольский государственный аграрный университет» Агентством общественному контролю качества образования и развитию карьеры на программном уровне (перечень программ указан в Приложении) и соответствие Университета Стандартам гарантий качества, установленным АККОРК на основании рекомендаций Европейской ассоциации гарантий качества в высшем образовании (ENQA).

> Председатель Аккредитационного совета АККОРК, Член-корреспондент Российской академии образования

> > Ю.Б. Рубин

Выдан 14 октября 2010г

## ЗОЛОТОЙ ФОНД ОТЕЧЕСТВЕННОЙ НАУКИ



# диплом

№ 01212 (13 ноября 2012 г.)

# ЗОЛОТАЯ КАФЕДРА РОССИИ

Кафедра общего и мелиоративного земледелия ФГБОУ ВПО «Ставропольский государственный аграрный университет»

Заведующий кафелрой: Власова Ольга Ивановна

НАГРАЖДАЕТСЯ ЗА ЗАСЛУГИ В ОБЛАСТИ РАЗВИТИЯ ОТЕЧЕСТВЕННОГО ОБРАЗОВАНИЯ

ПРЕЗИДЕНТ РОССИЙСКОЙ АКАДЕМИИ ЕСТЕСТВОЗНАНИЯ

м.Ю.Ледванов



## диплом

#### II степени

Награждается победитель конкурса на соискание гранта Ставропольского государственного

тавропольского государственно аграрного университета в области науки и инновации для молодых ученых

#### Устименко Елена Александровна

ассистент кафедры

агрономической химии и физиологии растений

С правом использования на реализацию проекта 50 000 рублей

Ректор, доктор сельском весты в доктор закновических выда профессор и инфенсор в доктор закновического в доктор закновического в доктор закновического в доктор закновического в доктор закновительного в доктор закновитель



# Диплом

#### Награждается

Устименко Елена Александровна

за проект: «Разработка экологически безопасных расчётных порм удобрений сельскохозяйственных культур воздельваемых в зоне почв каштанового комплекса Северокавказского региона»

Ставропольский государственный аграрный университет

Для наград

> Генеральный директор ОАО «ГАО ВВЦ»

(Junes

А.Е. Микушко

россияская ФЕДЕРАЦИЯ

#### KOARRA

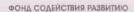
Лауреат заочного тура Всероссийского конкурса достижений тадантливой молодёжи

«НАЦИОНАЛЬНОЕ ДОСТОЯНИЕ РОССИИ» 2012 – 2013 г.г.

Устименко Елена Александровна

ФГБОУ ДИО Стырокознекай сосударственный арархый ульнерсьтет. Стабр Стырокольскый грай

Lon Laupens 1912 c.



малых форм предприятий в научно технической сфере





Комитет Думы Ставропольского кран по образованию и науке

# ДИПЛОМ

победителя программы

## **УМНИК**

Ставропольского края - 2013

в рамках краевой научнопрактической конференции "Научные разработки и инновационные иден развитию инновационной экономики России"



награждается

agus

Екатерина

A. ILE CONTERED

Председатель комитета Ставропольского края по делам молодёжи



Шатскаявийн







ЗОЛОТОЙ ВЕК

## 

**ТОЛОВИНОВ** 

#### Ярослав Эдуардович

финалист конкучса



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Министерство сельского хозяйства Российской Федерации

### БЛАГОДАРНОСТЬ

#### ДЕВЕДЕРКИНУ Игорю Викторовичу

 студенту федерального государственного бюджетного учреждения высшего профессионального образования «Ставропольский государственный аграрный университет»

За помощь в организации и проведении выездов «Мобильных бригад» по повышению уровня информированности жителей села и работников агропромышленного комплекса

Министп

CONTRACTOR STATES STATES STATES SALES SALE

З. Б. Сарыний.

Е.Скрынник

Приказ Минсельхоза России от 15 марта 2012 г. № 368-н





## VI Общероссийский конкурс изданий для вузов «Университетская книга – 2012»

# ДИПЛОМ І степени

#### В номинации

«Лучшее издание по сельскому хозяйству, лесоводству и охотоведению»

## **НАГРАЖДАЕТСЯ**

Издательско-полиграфический комплекс АРГУС ФГБОУ ВПО «Ставропольский государственный аграрный университет»

за книгу: Системы земледелия Ставрополья: монография /под общ. ред. А.А. Журченко, В.И. Трухачева. – Ставрополь: АГРУС, 2011 (авторы: В.И. Трухачев и др.).

5 сентября 2012 г. Москва

Председатель Организационного комитета Сопредседатель Организационного комитета Haml June

Антипов К.В.

**™** Шеметова Е.П.

PocБиоТex-2013 RosBioTech-2013

### ДИПЛОМ

#### НАГРАЖДАЕТСЯ

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различных типов почв Ставропольского края

Bpercentan Openmetern, Andrews PACKH, npopecop, a.u.s. Marchael, H.A. Peron

22 - 24 октября 2013 г. Москва, ЦВК «ЭКСПОЦЕНТР





## VIII САРАТОВСКИЙ САЛОН ИЗОБРЕТЕНИЙ, ИННОВАЦИЙ И ИНВЕСТИЦИЙ

# ГРАМОТА

награждается

Есаулко А.Н., Агеев В.В, Пенчуков В.М., Подколзин А.И., Горбатко Л.С., Сигида М.С., Подколзин О.А., Дорожко Г.Р. ФГБОУ ВПО «Ставропольский государственный аграрный университет»

## за проект

Региональная система воспроизводства почвенного плодородия Ставропольского края

Минист

промышленности и энергетики Саратовской области С.М. ЛИСОВСКИЙ Рейтор Саратовского государственного аграрного университета имени Н.И. Вавилова





Международный фонд биотехнологий ни академика И.Н. Блохиной

6-я Биотехнологическая выставка-ярмарка

«РосБиоТех-2012»



## ΔИΠΛΟ

#### НАГРАЖДАЕТСЯ

ФГБОУ ВПО СТАВРОПОЛЬСКИЙ ГОСУДАРСТВЕННЫЙ АГРАРНЫЙ УНИВЕРСИТЕТ

ЗА РАЗРАБОТКУ

Расчетные нормы удобрений, как способ реализации точечного земледелия в зоне поче каштанового комплекса и оптимизации экологии почвы и растений

B 100 5

Генеральный директор Международного института прорывных технологий и ининоваций, УГОДЧИКОВ Г.А еральный директор онда биотехнологий вика И.Н. Блохиной.

мени академика И.Н. Блохиной, р физико-математических наук, профессор, академик АМТН РФ



МИНИСТЕРСТВО СЕЛЬСКОГО ХОЗЯЙСТВА РОССИЙСКОЙ ФЕДЕРАЦИИ ПРАВИТЕЛЬСТВА САНКТ-ПЕТЕРБУРГА И ЛЕНИНГРАДСКОЙ ОВДАСТИ



мениципародная выставле армарна

# СВИДЕТЕЛЬСТВО

к серебряной медали

Федеральное государственное бюджетное образовательное учреждение высшего профессионального образования «Ставропольский государственный аграрный университет»

Ставрополь. Россия

за научную разработку региональной системы воспроизводства почвенного плодородия Ставропольского края (Разработчики: Есаулко А.Н., Агеев В.В., Дорожко Г.Р., Пенчуков В.М., Подколзин О.А., Горбатко Л.С., Сигида М.С.)

Министр сельского хозяйства Российской Федерации

F. Д. Н. В. Фел

Санкт-Петербург 2013



## ГРАМОТА

УЧАСТНИКА ВЫСТАВКИ-КОНКУРСА "ИННОВАЦИИ ГОДА" награждается

#### Сигида Максим Сергеевич

за инновационный проект Разработка эксполически безопасных расчетных норм узобрен для зеленых нескидений урбенистических территорий "

провид заместитель менястра Дига — 18 Хох

гиреови, 2013

## POCCEIECEASI DEMENAUJESI



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## СВИДЕТЕЛЬСТВО

о государственной регистрации программы для ЭВМ

№ 2013617848

Электронное учебное пособие по дисциплине «Факторы почвенного плодородия»

Правообласитем: Федеральное государственное бюджетное образовательное учреждение высшего профессионального образования «Ставропольский государственный аграрный университет» (RU)

Анторы: Вольтерс Ирипа Альвиановна (RU), Власова Ольга Ивановна (RU), Дорожко Георгий Романович (RU), Передериева Вера Михайловна (RU), Саножников Василий Иванович (RU)



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3assa No 2013615432

Дата поступления 27 июня 2013 г.

Дата государственной регистрации

в Ресстре программ для ЭВМ 26 августа 2013 г.

Руканодитель Федеральной службы по интехнопусымой собственности

Denuel

Б.П. Симонов

## IPOCCIEIECIKASI CHEKUEIPAILIEISI



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## СВИДЕТЕЛЬСТВО

о государственной регистрации программы для ЭВМ

№ 2013615753

Электронное учебное пособие по дисциплине «Сорные растения в агрофитоценозах полевых культур и меры борьбы с ними»

Правообласатель(ли): Федеральное государственное бюджетное образовательное учреждение высшего профессионального образования «Ставропольский государственный аграрный университет» (RU)

Автор(ы): Власова Ольга Ивановна (RU), Дорожко Георгий Романович (RU), Передериева Вера Михайловна (RU)



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Заятика № 2013613657

Дата поступления 30 апреля 2013 г. Зарегистрировано в Ресстре программ для ЭВМ 19 июня 2013 г.

> Руководитель Федеральной схужбы по интехлектуальной собственности

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**经验院院院院院院院院院** 

#### СВИДЕТЕЛЬСТВО

о государственной регистрации программы для ЭВМ

№ 2012612506

Электронное учебное пособие: «Лабораторный практикум по агрохимии»

Правосбладатель(ли): Федеральное государственное бюджетное образовательное учреждение высшего профессионального образования «Ставропольский государственный аграрный иниверситет» (RU)

Λενορ(м): Есаулко Александр Николаевич, Агеев Валентин Васильевич, Лобанкова Ольга Юрьевна, Сигида Максим Сергеевич, Коростылев Сергей Александрович, Подколзин Анатолий Иванович. Почишкина Юлия Ивановна (RU)

3agara No 2012610140

Дата поступления **11 января 2012 г.** Зарегистрировано в Реестре программ для ЭВМ **7 марта 2012 г.** 

> Руководитель Федеральной службы по интеллектуальной собственности

Proceed 5.11. Cumon

