

*V.N. Tishchenko, N.M. Chekalin, I.A. Panchenko, S.J. Didenko* Polymorphism of gluteins at winter wheat variety patterns of the poltava breeding // News of Poltava State Agrarian Academy. – 2006. – №3. – P.5-9.

In result of the electrophoresis of 26 winter common wheat lines of Poltava breeding on three glutenin loci it has been established, that the majority of variety patterns – 18 of 26 (69,2 %) on locus Glu 1A had allelic variant 1A1. On locus Glu 1B at 16 (61,5 %) it is identified allelic variant 1B 7+8, at 6 – 7+9, at 1-13+19 and two wheat lines appeared heterogeneous – 1B 7+8/7+9. On locus Glu 1D all analyzed in this experiment lines of winter wheat had allelic variant 5+10 which in a combination with 1A1 or 1A2 \*, 1B 7+8 positively influences quality of a grain.

Definition of the contents of protein, the contents gluten, numbers of falling and IDK at some high-yielding lines with the high winter hardiness (1p, 2p, 3p, 4p, 6p, 31, 43, 61) has shown, that spectrum of BM glutenin well reflect the quality indicators of a grain determined by direct methods.

*V.N. Pysarenko, Yu.V. Belyavsky* Influence of herbicides and seed dressers of seeds on downstroke of numerosity of larvas of bugs – click beetles in crops of corn // News of Poltava State Agrarian Academy. – 2006. – №3. – P.10-13.

The given features of development and diffusion of larvas of bugs of click beetles in soil in the most hazardous for plants of corn a phase "crops – shoots" are resulted. Effective action of seed dressers of seeds of corn against tercolous pests, and frightening off influence of preseedling entering of a herbicide on their diffusion and injuriousness fixed.

*S.M. Kramarev, P.V. Pysarenko, A.V. Bylytjuk* Triticale is the way of increases effects for use agricultural soil in Ukraine // News of Poltava State Agrarian Academy. – 2006. – №3. – P.14-20.

It is set by long-term researches, that is the most optimum dose of nitrogen on a background P<sub>60</sub>K<sub>60</sub> on podzolennom black earth for the sorts of tritikale a 90-120 kg/ga operating matter borne in two-three receptions after the basic stages of organogeneza. Gto provides the good structure of forming of high harvests and of corn.

*N.Ya. Shevnikov* The influence of microelements on the production of soybean // News of Poltava State Agrarian Academy. – 2006. – №3. – P.21-24.

The influence of microelements such as boron, cobalt and molybdenum on the harvest of soybean is studied. The positive impact of boron on generative organs is described, the influence of cobalt is considered to be the main factor in plant growth, and molybdenum is thought to be the main factor in bulb formation.

*M.A. Kudryk, K.P. Steblina* Investigation of the chemical content and food value saps with pulp obtain from stone fruits // News of Poltava State Agrarian Academy. – 2006. – №3. – P.25-26.

Investigation of the chemical content and the food factor of the sead pulped juices produced from stone fruits i. e.

apricots, plums, has been investigated. It has been established that the product under investigation in Poltava is answer the state standards.

*A.A. Antonets* Competitive testing of variety- numbers of the brome smooth // News of Poltava State Agrarian Academy. – 2006. – №3. – P.27-31.

The features of growth and development of the brome smooth variety- numbers in competitive variety – testing are examined. The analysis of their fodder and seed productivity is given. The economic evaluation of growing of the best perspective variety – number in comparison with a sort – standard is conducted. Researches were conducted in the department of selection and primary seed-growing of the Poltava institute AIP of the name of N. Vavilov. On results the variety – testing 00061 number of the brome smooth is planned to pass in the State commission of the variety – testing of Ukraine.

*Ye.Ph. Hordjejeva* The duration of the growth number dynamics of the Meligethes aeneus on the sowing crops of raps in condition by left bank forest steppe in Ukraine // News of Poltava State Agrarian Academy. – 2006. – №3. – P.32-35.

In the Poltava region the Meligethes aeneus is the most harmful vermin the producing organ of the spring and winter crops.

*R.O. Vusatyj* Sources of resistance to eyespot among grades of the spring wheat // News of Poltava State Agrarian Academy. – 2006. – №3. – P.36-38.

Results of researches concerning search of sources of resistance to eyespot among grades of a spring wheat are resulted. It is proved, that on an artificial infection background of a grade of a spring wheat are characterized by a different degree of resistance to the causal organism eyespot. Grades of a summer mild and summer durum wheat as effective sources of resistance to the causal organism eyespot are revealed.

*H.A. Udovichenko, L.D. Hlushchenko, L.V. Khomenko* Exploitations trials on the twice whils // News of Poltava State Agrarian Academy. – 2006. – №3. – P.39-42.

Matching wheel intended for rige drow-unite peculiarity and improve be over tractors at execution their transporty functioning or labour universal allocation on moist soil and also in winter period.

*O.M. Berdnikov, T.V. Yurchenko, O.M. Bahatskaja* The study conduct of heavy metals in agrocynos by apply the new kind fertilise «Ahrophoski» // News of Poltava State Agrarian Academy. – 2006. – №3. – P.43-48.

The new kind of phosphorus fertilise «Ahrophoski» on the conduct of heavy metals in the system Soil- subterranean waters. Here is graphic models of activity heavy metals by the system soil-subterranean waters under the influence of «Ahrophoski».

*Z.H. Trotsenko* Highly-productive head of the Ukrainian black-spotted milky breed // News of Poltava State Agrarian Academy. – 2006. – №3. – P.55-57.

On the phone of the worked out by colleagues of the department of cattle-farming of modern energy-sabing technology of milk production, which corresponds to our

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natural-economic conditions, highly-productive herd of the Ukrainian black-spotted milky breed of the cattle is led out on the pedigree stock-breeding plant in Stepne.

*N.O. Larina* The analysis of orlov trotters of the class 2.10 and is be more // News of Poltava State Agrarian Academy. – 2006. – №3. – P.58-60.

In clause results of researches best playfulness a livestock in breed are submitted and parameters of their prize-winning serviceability on different distances in hippodrome tests are investigated. Significant influence of outstanding stallions – manufacturers and breeding mares on high playfulness of their descendants is revealed.

*N.D. Golub, E.N. Bondarenko* Large White breed and the role of creation of Myrgorodskaya breed of pigs // News of Poltava State Agrarian Academy. – 2006. – №3. – P.61-63.

Questions about the role of Large White breed of pigs are considered. Large White breed has taken the leading place in the world and influenced on both the forming of many pig breed and the creation of Mirgorodskaya breed. This breed is one of universal, highly-productive breeds.

*V.H. Slinko* State and development prospects of socolska ship breed in Poltava region of Ukraine // News of Poltava State Agrarian Academy. – 2006. – №3. – P.64-65.

In the Article the issues of historical role of socolska ship breed are reviewed. To the main products of this breed belong lambskins, which obtained the wide renown due to beautiful shades of a coloring. The selection work with this breed should be directed to the preservation of it as well as to the amount animal increasing in Poltava region.

*S.N. Kulynych* Apart aspects of patogenez festering pododermatitis in milky cows // News of Poltava State Agrarian Academy. – 2006. – №3. – P.66-68.

In article presented given for particularities of the development festering pododermatitis beside cortex in condition scholastic-exploratory facilities "Yuvileyniy".

*I.H. Panasenko, P.I. Lokes, M.S. Arephjev, N.S. Uljanko* The faculty treatment of thousandthleaf, which are poison of cumarinos // News of Poltava State Agrarian Academy. – 2006. – №3. – P.69-72.

In the condition of experiment has been prove therapeutics effect of the lieferwater this usual grass by the poison animals of cumarinos

*R. Peredera, G.Slyusar, O. Riy* Prevention of post-operative wounds` complications // News of Poltava State Agrarian Academy. – 2006. – №3. – P.73-74.

Proper approach to surgical operation, keeping to operation technique and use of stimulating preparations considerably quickens healing of post-operative wounds.

*V.I. Aranchiy, D.S. Aranchiy* Integrational communication of agricultural enterprises with a process industry // News of Poltava State Agrarian Academy. – 2006. – №3. – P.75-77.

Has been analyse condition integrational communications between animal products region.

*V.V. Pysarenko, O.P. Zorya* The main tendency development of international fruit-vegetables market // News of Poltava State Agrarian Academy. – 2006. – №3. – P.78-

81.

The main tendency of the development international and Ukrainian fruit-vegetables market are conciderate in this articie.

*A.A. Galych* The features of estimation of efficiency of production process the suckling cattle breeding in the conditions of markets // News of Poltava State Agrarian Academy. – 2006. – №3. – P.82-86.

The method of estimation of economic efficiency of production of goods of industry of the suckling cattle breeding is explored. The method of margin analysis, which is used in the agrarian enterprises of Germany, is described.

*N.V. Kharchenko* Dividens in payment of shares and crushes shares from foreing experience // News of Poltava State Agrarian Academy. – 2006. – №3. – P.87-89.

Dividens payment by shares and stocks split, additional shares, increase of amount of shares, reduction of face value, charges is examined.

*S.A. Bilun* Development of organization-legal forms of manage in the agrarian industry // News of Poltava State Agrarian Academy. – 2006. – №3. – P.90-92.

The questions of problems of subsequent development of legal forms of manage are considered in agriculture. On the basis of study of experience the domestic and foreign workers of researches are offered methodical approaches in relation to determination of increase of efficiency of the accrued enterprises from positions of organizational conduct and forming of effective. organizations and on the basis of construction of type of organizations.

*I.I. Shupik* Straight foreign investments in the contects with Ukraine economics // News of Poltava State Agrarian Academy. – 2006. – №3. – P.93-95.

Article is devoted to the problem of attraction of foreign of investment in economics of Ukraine.

*V.D. Khurdey* The problems of management by the price competitiveness of agrarian products are considered // News of Poltava State Agrarian Academy. – 2006. – №3. – P.96-98.

The price competitiveness of products of agrarian enterprises of the Poltava region is analysed. The calculation of optimum cost of wheat is carried out by the method of the tender pricing.

*L.N. Kurbatska.* Motivation of work in increase of efficiency of an agricultural production // News of Poltava State Agrarian Academy. – 2006. – №3. – P.99-101.

The basic components of the mechanism of motivation to productive work in an agriculture are allocated. Value of motivational stimulus in formation of a public product is investigated. The role of state regulation on a way of restoration of functions of wages and liquidation of disproportions in a payment of different spheres of economy is determined.

*N.B. Goncharuk* Experience and problems of reformation of Agroindustrial Complex of Ukraine: history aspect (1991-1996) // News of Poltava State Agrarian Academy. – 2006. – №3. – P.102-112.

On the basis of the published and material of archives the stages are definite, specific features of changes property

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forms and general economic management in the first of blocks of AIC, influencing of reformation in AIC on the change of social structure of society.

*S.A. Kravchenko* The level of agricultural enterprises adaptation to market conditions // News of Poltava State Agrarian Academy. – 2006. – №3. – P.113-117.

Adaptation is a form of reflection by acting enterprise and its net structures mechanisms of interaction of market environment, which tries to put balance in market relationships and ties. The level of agricultural enterprises adaptation to market conditions is possible to recognize by normative rating, taking in consideration parameters and criterion of economic mechanism of adaptation developing.

*I.A. Zhurba, I.G. Eres'ko* The Influence of Crediting on the Increase of Efficiency Agricultural Goods of Production // News of Poltava State Agrarian Academy. – 2006. – №3. – P.118-122.

It is proved in the article, that the obtaining of credit by the analyzed enterprises multiplies their profit on 3%. Obtaining a credit with a discount 18% per year, the annual profit of the enterprise increases approximately on 7%.

*G.M. Rusanova, A.A. Pasyuta* Efficiency of enterprises activity in market conditions // News of Poltava State Agrarian Academy. – 2006. – №3. – P.123-126.

Efficiency of Poltava region enterprises activity in (market) reforming conditions of agrarian sector is considered.

*Je.A. Adoniev* Improvement of investment activity state regulation // News of Poltava State Agrarian Academy. – 2006. – №3. – P.127-130.

Main directions of investment activity state regulation are based: regulation of investment spheres and objects, tax regulation of investment activity, financial assistance and credit policy, regulation of financial investments, examination of investment projects, state protection of investments, elaboration of investment programmes, amortization policy.

*P.M. Kushnir* Which is study to make the prognosis of the movement harvest on the next year // News of Poltava State Agrarian Academy. – 2006. – №3. – P.131-135.

Lead methods of prognosis crop capacity on the following years which are work out by the author on the basis of a long experience.

*O.O. Laslo* The influence of ecological factors on the demographic situation in the Poltava region // News of Poltava State Agrarian Academy. – 2006. – №3. – P.136-142.

Modern activity of man negatively affects an environment, that is instrumental in the further threat of still human civilization. For today before humanity costs a question about saving of biosphere by the study of regulator processes in biosphere and creation of scientific foundation of the rational use of questions of modern ecology.

*Zh.A. Petrenko, S.V. Shvyd* The quality of soil – it is a main of effective economy // News of Poltava State Agrarian Academy. – 2006. – №3. – P.143-146.

Has been consider many aspects of quality state agricultural soil of Poltava region.

*L.A. Reka, A.Ya. Malanchuk* The study biological and honey products quality of *Phacelia tanacetifolia* Benth // News of Poltava State Agrarian Academy. – 2006. – №3. – P.147-150.

The study by biological and honey products of *Phacelia tanacetifolia* Benth different kinds and *Phacelia tanacetifolia* Benth kind of Alina.

*O.A. Manko* The effect for increase of the manufactures appreciated of own productivity // News of Poltava State Agrarian Academy. – 2006. – №3. – P.151-152.

Is established, that use of pigs of the manufacturers appreciated on own efficiency and referred to a rank best, positively has an effect for increase of fodder and meat qualities of posterity.

*O.P. Litvinenko* Use modernise cristalical pepsin at carrying out of digestion of tests of muscles in artificial gastric juice // News of Poltava State Agrarian Academy. – 2006. – №3. – P.153-154.

Are carried out test researches pepsin modernized cristalical by a method of digestion of tests of muscles in artificial gastric juice at diagnostics trikhinelyzoa.

*A.S. Klymenko* Effectation of Rafensol and its influence on the biochemical index whey blood of large horned cattles by mixed parasitoses // News of Poltava State Agrarian Academy. – 2006. – №3. – P.155-157.

The therapeutic efficacy of Rafensol under mixed parasitoses of cattle and the influence of this medication for the biochemical indices of animal's blood were studied.

*I.H. Mykolenko* The forming and function the market of grain cereal cultivation on the region level // News of Poltava State Agrarian Academy. – 2006. – №3. – P.158-160.

The article examines the problem of raising economic efficiencu of grain production in Poltava region. Under existing conditions in agriculture all enterprises irrespective of form of ownership experience accute shartage in machinery, purchasing spare parts, mineral fertilizers, fuel – labricating materials and so an. Using the service of technical stations allons to solve same problems of agricultural producers.

*E.S. Mihaylova* Industrial cooperation in Ukraine, its position and perspectives of development // News of Poltava State Agrarian Academy. – 2006. – №3. – P.161-166.

Dynamics of development of production co-operatives on an example of facilities of the Poltava range is analysed. The analysis of lacks and advantages of the given form of cooperation is presented.

*S.V. Kuzmenko* Management of compete agricultural production in the modern condition of the economic // News of Poltava State Agrarian Academy. – 2006. – №3. – P.167-170.

The article deals with the special features of agricultural products competitiveness management in the modern market conditions.

*B.O. Belov* The Financial Relationships of Agricultural Complexes in the Mechanism of Agriculture // News of Poltava State Agrarian Academy. – 2006. – №3. – P.171-174.

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In the article the author, having generalized the existing phenomena “finance” and “financial relationships”, offers his own detailed definition of such a notion as “financial relationships of agricultural complex”.

*O.H. Ponomarenko* Optimisation of methodics audit in the electronic environment considered // News of Poltava State Agrarian Academy. – 2006. – №3. – P.175-179.

Optimization of methodical maintenance of audit in the electronic environment is considered, namely creation of information models of the automated control is proved, the attention is stressed on questions of formation and execution of positions of the account policy in the computer environment.

*M.H. Ponomar* The foundation principles of development marketings strategy of green tourism // News of Poltava State Agrarian Academy. – 2006. – №3. – P.180-184.

The essence and elements development green tourism in Poltava. The role of internal potential region. The bene-

fits of the introduction of the combined types are substantiated.

*S.I. Kondratenko* Method of approximation of the full factorial experiment (FFE) of the 3-rd order planning elements for the analysis of multifactorial regressive relations between quantitative signs of parental forms and their progeny in the breeding investigations on cultured species of plants // News of Poltava State Agrarian Academy. – 2006. – №3. – P.185-189.

For calculation of the mathematical-statistical models, which reflect regularities of economically-valuable signs inheritance between paternal forms of plants cultured species and derivative from them varieties and hybrids there is offered an effective algorithm for construction of a regressive equations system on the basis of a matrix for planning the full factorial experiment (FFE) of the 3-rd order.

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