

ANNOTATION

Bilonozhko V.Ya., Karpenko V.P. The Anatomical structure of the epidermis of the sheet device of barley of the furious herbicide for actions Lintur and its tank of the mixtures with biopreparation Agat-25 K // News of Poltava State Agrarian Academy. – 2009. – №1. – P.5-8.

Brought results of the studies on study of the influence of the different rates of the herbicide Lintur (90; 100; 120 and 140 g/ga), contributed separately and with biopreparation Agat-25 K, on shaping the anatomical structure of the epidermis of the sheet device of barley furious as factor, which displays the level a preparation on vegetable organism. Optimum for morphostruture sheet device barley furious, which provides the most area a sheet and their capacity, is formed under the action of herbicide Lintur in dose 100 r/ga with biopreparation Agat-25 K in dose 20 ml/ga.

Shevnikov N.Ya. Soybean – an important component for efficient use bioclimatical potential leftbank part forest-steppe of Ukraine // News of Poltava State Agrarian Academy. – 2009. – №1. – P.9-12.

Discussed questions expansions area sowing of the bob cultures for stern use for the reason biological of the husbandry and increasing of the fertility of ground. The Main ways of the decision - a rational correlation field and meadow forage production, maximum saturation perennial herb crop rotation, increase production grainbeans of the cultures, first of all soybean. In condition best humidity soil at May-June big validity to reckon for high productivity pea, and, on the contrary, under even sharing the precipitation (but still better, greater their part at July-August) get the high productivity to soybean. So these two cultures-companion must be obligatory in facilities leftbank forest-steppe for greater probability of the stable harvest grain and albumen.

Girka A.D. Influence of the local nitric fertilizer on shaping the factors of the structure of the harvest of the winter wheat // News of Poltava State Agrarian Academy. – 2009. – №1. – P.13-16.

The study of influencing of the nitric fertilizer local application of modern varieties plants of winter wheat on forming their harvest structure indexes and achieving the productivity of sowing are resulted. It is set that the most rational dose for nitric fertilizer local application of winter wheat plants of different varieties is a dose N_{30} , which is instrumental in the effective improvement of structure harvest indexes. Found out the results of the conducted researches considerable influence of weather conditions on expression of high quality reaction in winter wheat plants in relation to basic elements forming of their productivity.

Marenych M.M., Mihhenko O.V. Analysis of the productivity of winter in the conditions of Gadyach district of the Poltava region // News of Poltava State Agrarian Academy. – 2009. – №1. – P.17-18.

The results of the statistical processing of three year of the productivity of winter wheat are resulted in Gadyach district of the Poltava region. It is set that the best for these terms are sorts Poshana and Liona. The least productivity is marked are the sorts of Donetska 48 and Kha-

rus which are practically not suitable for the terms of district. Predominance of terms of years of growing is marked above of high quality properties.

The results of researches allow to assert that in the conditions of the western Forest steppe area at the existent level of technology of growing possibly and it is expedient to utilize the sorts of overstrong and strong wheat of selection of Plant breeding genetic institute.

Kolesnik L.I. Seasonal development of cabbage moth and its forecasting // News of Poltava State Agrarian Academy. – 2009. – №1. – P.19-22.

In the result of many years monitoring of cabbage agrocenosis there were analysed biological peculiarities of cabbage moth under conditions of the East – Forest – Steppe of Ukraine. There is studied the development of the phytophage on late white head cabbage. Relations of many years dynamics of the white cabbage specialized pest quantity with meteorological indices are revealed. Criteria of caterpillars emergence forecasting are determined and the corresponding forecast models are constructed. For analysis of experimental data of the pest seasonal development there were used statistic methods, with the help of PC.

Roztorguiev V.A. Some results of vegetable plants of different origin study // News of Poltava State Agrarian Academy. – 2009. – №1. – P.23-27.

Today the level of agriculture still more active goes out on front-rank positions in modern agroindustrial production and choice of a variety or hybrid belongs to it and not soil-climatic conditions as it was considered before. More over, as a result of opacity and uncontrolling of vegetable plants seed market in Ukraine knowledge of the situation and filling of regional seed market is very important for many practical vegetable-growers, who work under conditions of competition.

In the light of this in the article there are shown separate results of testing of vegetable plants varieties and hybrids of native and foreign breeding under conditions of Kharkov region for the practical help to agroproducers.

Thsilurik A.I. Weedage dispersion of clean fallow at the different methods of it till in Steppe of Ukraine // News of Poltava State Agrarian Academy. – 2009. – №1. – P.28-33.

The lit main trends and agrotechnical acceptance efficient for control weed in clean vapour. Noted ditterent dispersion each of type clean pair. The exceptions from technology of preparation clean land pair of the system plouhland cultivate soil brings about ofseed weed, reduction temporary gap between cultivation and growth dispersion sowing of the winter wheat, which requires disposable using in pair field herbicide of the general action. Feed winter wheat in phase of the output in tube by nitric fertilizers raises competitiveness of the plants and reduces dispersion sowing in 1,2-4,1 reek and provides the increase of the harvest grain at a rate of 0,25-0,36 т/ga.

Harchenko Yu.V., Chigryn A.V., Bondus R.O. Study to stability sample potatoes to biotical and unbiotical factor in condition Ustimovka experienced station plant growing // News of Poltava State Agrarian Academy. –

ANNOTATION

2009. – №1. – P.34-42.

It is lighted up the fifty five-year experience of researches on potato of the Ustimovka experimental station of plant production. It is presented perspectives of use of specific climatic conditions of an arrangement (border of the Forest-steppe and Steppe zone, a southern part of the Poltava area) for search of sources of stability to widespread illnesses and wreckers, and also to adverse a biotic to factors of environment, as initial material for selection of grades of a potato suitable for cultivation in zones of Forest-steppe and Steppe of Ukraine. As a result of researches samples of a potato with complex of economic-valuable signs, high plasticity and wide norm of reaction to conditions of cultivation which are included in selection programs on potato growing have been allocated.

Yeremko L.S., Sydorenko A.V., Olepir R.V., Agafonova S.A. Productivity of the separative agricultural crops by using regulators of plants grows // News of Poltava State Agrarian Academy. – 2009. – №1. – P.43-45.

The influence of regulators of plants grows on sugar beetroot and sunflower productivity are showed.

It is established, that the spraying of sugar beetroot plants with the doses 10 ml per 1 hectare of the regulators of plants grows Betastimulin, Betastimulin M and Slavutich increase total sugar yield to 7,33; 7,28 and 7,42 t appropriately.

At sunflowers cultivation the most effective regulator of plants grows is Dominant (20 ml per t and 20 ml per ha). Total oil yield by seed tilling and spraying of sunflower fields of this regulator of plants grows stay on the level 0,92 and 0,97 t per 1 hectare appropriately.

Tronchuk I.S., Rak T.M. Profitability of beef for the producer // News of Poltava State Agrarian Academy. – 2009. – №1. – P.46-48.

With the purpose of facilitation of financial crisis in Ukraine it is necessary to limit the import of meat, and due to the intensive growing and feeding of young cattle to 450 kg to increase the production of beef to 1,8 million tons in slaughter-weight. Profitability of production of beef must be assured an agricultural producer at the level of 15-20%, that it is necessary attain due to the equivalent distributing profits for products between a producer and realize in correlation 1:0,4-1:0,5.

Kovalenko V.F., Myronenko O.I. Influence of the mineral additives on condition khimus in miscellaneous gastrointestinal tract area // News of Poltava State Agrarian Academy. – 2009. – №1. – P.49-52.

In the experiment were used different compositions on the base of mineral additions of natural origin (mineralizative layer water) and also biologically active sternly ingredients. Regularizes in dynamics of changes in dry substance and hydrogen ions in chyme of stomach, jejunum and ileum guts in piglets are found. The sensibilization of mineral addition for piglets in definite combination are accompanying the change concentration of hydrogen ions during processes of digestion in different departments of digestive tract.

Polishchuk A.A., Bulavkina T.P. Investigation of toxicity of heavy metals in pig-breeding // News of Poltava State Agrarian Academy. – 2009. – №1. – P.53-56.

On research of questions of receipt of heavy metals data are presented to environment, their influences on an organism of animals, in particular pigs, accumulation of heavy metals in forages and different biological in particular of pigs, and also results of search of decrease in influence of toxic action of lead by regulation in diets of animals of level of a protein, vitamins, calcium, zinc and additives echinacea purple, mineral opoc, clay and a fodder pumpkin. The most perspective additive to diets of pigs - natural ceolit and opoc.

Busenko O.T., Golub N.D. Function of hypophysis-adrenals system in cattle under low feeding levels // News of Poltava State Agrarian Academy. – 2009. – №1. – P.57-61.

Hypophysis and adrenals functions of bulls of black and white breed under limited feeding levels from birth to 5 months and from 5 to 10 months of are given in the article. Decrease of endocrinal glands weight as well as of bulls live weight have been observed during periods of low feeding levels. Bulls from the second group, reared at the lowered feeding level, have reached the live weight of 15 months bulls of the control group at 17 months and 26 days, where as bulls from the third group – at 16 months and 12 months. Relation between carcass weight and adrenals activity has been proved.

Birta G.A. Gistological studies of the most long muscle of the back pig of different direction to productivity // News of Poltava State Agrarian Academy. – 2009. – №1. – P.62-65.

It is studied gistostructure of the longest muscle of the back of pigs of five breeds: large white, mirgorodskaya, landras, poltavskaya meat, redder half-length special line, because growth and development of muscle fabric в ontogenesis has exceptionally important value for meat animals. However, quite a bit questions of micromorphologic of skeletal musculature of pigs on breeds need deep study.

Birta G.O. A level of the use of nutritives of forage and balance of nitrogen, calcium, phosphorus is in the organism of pigs // News of Poltava State Agrarian Academy. – 2009. – №1. – P.66-68.

The results of research of level of the use of nutritives of forage and balance of nitrogen, calcium, phosphorus of pigs of different direction of the productivity are resulted. Contradictory literary information on questions of digestible of nutritives of forage in the organism of pigs of different genotypes specify on expedience of leadthrough of the special researches, especially as knowledge of physiology processes, in particular, it is enabled digestible of nutritives and use of nitrogen of forage deeper to control a plant-breeding process.

Girya V.M., Manyunenko S.A. Estimation pig of the Poltava meat breed of the miscellaneous population for combinational ability // News of Poltava State Agrarian Academy. – 2009. – №1. – P.69-72.

Determination to combinational ability population of poltava pig meat breed are brought results of the influence different factor to combinational ability, as well as their effects on reproduction, fattening, and meat quality when undertaking inverse variant of the selection pig of the poltava meat breed different selected herd. Found out that

ANNOTATION

productivity animal in miscellaneous degree depends from the inverse general not only and specific combinational ability, but also from inverse effects.

Trush V.M. The scientific motivation alternative onestages to technologies of growing saplings of the large horned live-stock on meat // News of Poltava State Agrarian Academy. – 2009. – №1. – P.73-75.

Lit comparative estimation to broadly wide-spread traditional technology threestages (milk, and fatten) and onestages - from birth before realization. Under traditional technology is not provided production profitability of beef. Using onestages to technologies allows to reduce the expenses a stern and prime cost of the increase, providing high profitability.

Kolesnik M.D., Bankovska I.B., Kostenko O.I. The composition of effectiveness of the usage of *Silybum marianum* L. // News of Poltava State Agrarian Academy. – 2009. – №1. – P.76-77.

The results of experiments to the effect using of *silybum* combineeating for piglings and young animals of pigs. It is settled the systematic influence to the high profitability and preservation. There are many experiencethet shown a very effective influence of *silybum marianum* as a clain natural component for young animals of pigs which have a very high positive influence to the high development and safety animals.

Vasileva O.A. Ostrihproduction - a new perspective area agricultural production Ukraine // News of Poltava State Agrarian Academy. – 2009. – №1. – P.78-84.

Explored question biological particularities ostrich, their production value and prospects of growing and use in agricultural production, both on greater poultry-farms and in quotient and farming facilities. The brought analysis of the work ostrich farms from growine african ostrich. It is installed that in modern condition of the development of the area fowling toward expansion of the assortment and increasing of biological value to product there is development ostrihproduction in condition of the Ukraine actual. Under minimum expenses possible to get practically unwasting production to product with high level of profitability. The spectrum of the use got product provides get fat realization, which will become the raw material for many areas public facilities.

Bondarenko O.N. Historical role of Poltava society of agriculture is in development of poultry farming of Poltavshina (the end of XIX - beginning of XX century) // News of Poltava State Agrarian Academy. – 2009. – №1. – P.85-86.

The historical role of Poltava society of agriculture (the end of XIX - beginning of XX century) which suffices concretely and fruitfully engaged in the question of development of stock-raising, including bird, is examined in the article.

Poltava society of agriculture was one of initiators and organizers of revival of industry of the poultry farming, took part in organizations of distribution and improvements of underproductive bird, society concentrates the special attention on organization of exhibitions, that little large value in matters of improvement of the poultry farming at the Poltava province.

Timoshenko O.P., Busel Y.N. Ficiency of complex diagnostics of pankreatitis at dogs, confirmed by the morphological researches // News of Poltava State Agrarian Academy. – 2009. – №1. – P.87-93.

In the article the questions of complex diagnostics of pankreatitis at dogs are considered by clinical, laboratory and instrumental methods. The examples of chronic and sharp forms of pankreatitis at dogs are resulted, their clinical laboratory and morphological description is considered. Laboratory sharp nekrosis pankreatitis of charakterizade hyperproteinemia, by the rise of maintenance in the whey of blood of glykoproteins and sialic acids, cytolysis and hyperalfaamilazemia, chronic pankreatitis – hypoproteinemia, hyperbilirubinemia, by the rise of timolovoy test, maintenance of chondroitinsulphates, by the rise of the AIAT activity, alkaline fosfatazi and decline of activity α -amylasa. The row of histological changes is set in a pancreas and mucous membrane of intestine at sharp and chronic pankreatitis.

Kulinich S.N., Ter-Vartanov Y.E. The Biochemical study to lachrymal liquid by clinical health person of the large horned live-stock // News of Poltava State Agrarian Academy. – 2009. – №1. – P.94-97.

The Biochemical study to lachrymal liquid by clinical health person of the large horned live-stock is designed methods of the selection to lachrymal liquid beside calves the age 4-6 months. The biochemical factors are Brought in tear by clinical sound person of the large horned live-stock. Motivated practicability of the further study of the tear at diagnostics and treatment of the diseases of the organ of the vision.

Skripka M.V. Patomorfological changes at white mouses at experimental infection by clamidia allocated from pigs sick of a clamidiosis // News of Poltava State Agrarian Academy. – 2009. – №1. – P.98-100.

The result of pathologic-anatomical and histologic researches of various bodies of the white mouses, infected by clamidiosis suspension are in-process resulted, prepared 10% suspension on physiological solution are described. In parenchymatous elements of heart, a liver and kidneys pathologic-anatomical changes have been expressed in the form of a dystrophy and necrosis. It is possible to take to specific changes: total metaplasia of a stomach's epithelium, in an internal and middle shell of uterus – excrescence of fibred connecting tissue.

Yevstafyeva V.A. Test of disinfectants at the askarosis invasion of pigs // News of Poltava State Agrarian Academy. – 2009. – №1. – P.101-103.

It is experimentally set that disinfectant “Brovades-plus” in a concentration 2% and disinfectant “Ekocid C in a concentration 1,5% at a display 60 minutes expressed ovocidical and ovostatical properties have against the eggs of askarises. Amount of the deformed eggs of *Ascaris suum* under an action of “Brovades-plus” in the indicated concentration and display made from 96 to 100% during 42 days. “Ekocid C” had more low ovocidical efficiency which was 90-92% at conformable concentration and display.

Vikulina G.V., Timoshenko O.P. Histological changes

ANNOTATION

of lungs parenchyma in pigs with unspecific bronchopneumonia // News of Poltava State Agrarian Academy. – 2009. – №1. – P.104-108.

The results of microscopic research of lung parenchyma in clinically healthy pigs and patients with acute unspecific bronchopneumonia are represented in the article. It is noted, that pathological process affects all areas anatomically different lobes of animal lungs and has numerous focal character of a lesion. Thus there is a destruction of an epithelial integument of a bronchus, cellular infiltration on a circle of a bronchus or a bronchiole. There is the proliferation of an epithelium in larger bronchioles; in some average bronchi noticeably replacement of a part of epithelial cell by goblet cells is visible. Findings are specified on catarrhal character of defeat of lung tissue and excretion of connective tissue in the most staggered areas of parenchyma.

Uliyanko N.S., Lokes P.I., Suprunenko K.V. The peptic ulcer of the tongue by large horned live-stock // News of Poltava State Agrarian Academy. – 2009. – №1. – P.109-111.

Ulcerous defeats tongue beside large horned live-stock appear breaches of the nursing (the structure of the ration, eating tart provender, other), on background of the weakening of resistance organism that brings about pathology of the gastrointestinal tract.

In work lit, some questions, clinical and pathomorphological signs diseases. It is installed that cover epithelium of the tongue on edge of the ulcerous defect forms clearly expressed an akantotic centres.

Panasenko I.H., Prokopenko L.S., Yurchenko Ch.F. The Chemical composition and nutritious concoction protein of feather (KBP) under eating to pig // News of Poltava State Agrarian Academy. – 2009. – №1. – P.112-114.

Studied the productive action of the concoction protein of feather (KBP) under eating it in ration of the increasing saplings pig. Dry KBP contains not less 70% damp protein, beside 19% mineral salts in the manner of sodium-vapor fosfatids and before 9% moisture. Two experiences were organized, the first lasted 60 days, the second - 30. It was installed that experienced animals, in contrast with checking, had a more high middaily hang up masses. The condition animal checking and experienced groups were normal. Both experiences have shown that in rations rising pig possible to enter 10-20% KBP from mass albumen ration in a part corn and protein component without reduction of the intensivities of the growing animal.

Berdnik V.P., Pashova N.T., Pesotskaya Z.G. Memory about founder Poltava ZNIVS, doctor of the veterinary sciences T.V. Pashov // News of Poltava State Agrarian Academy. – 2009. – №1. – P.115-118.

Is brought memory about doctor of the veterinary sciences Trifon Vasilievich Pashov - a founder Poltava zonal research veterinary station, 50-year jubilee which was noted in 2008. Each author has stated about him its standpoint. However they reconverge in one: he was a prominent personality. In his nature matched disciplinary and required to itself and subordinated, industry, persistence, kindness,

keenness, optimism, quality of the organizer, devotion put to purposes, scientific and practical veterinary medicine.

Len' O.I. Formation of the assimilating surface and its influence on the production the barley according to the technology // News of Poltava State Agrarian Academy. – 2009. – №1. – P.119-121.

In the article are related the results of researches into in-depth study of the effective use of mineral chemical fertilizers and pesticides in the eastern forest-steppe zone of Ukraine. Optimal leaf area that provides for best harvest is determined. The speed of clear production of the photosynthesis according to the stage of the photosynthesis and growing technology is shown. By researches it is established, at what stages, and what system of fertilizer there was a maximal accumulation of dry substance in plants of barley spring. It is established communication between the area of leaves, pure efficiency of photosynthesis, to accumulation of dry substance and productivity of culture.

Totskiy V.M. Influence of the periods of the sowing on shaping element to productivity and productivities of the sunflower // News of Poltava State Agrarian Academy. – 2009. – №1. – P.122-124.

Influence of terms of sowing was studied on the productivity of hybrids of sunflower: Nadejzhniy; Zaporiz'kiy 28; Sava. Rotined features of development of elements of the productivity: size of basket, mass 1000 grains, weight, amount of seed in a basket. The greatest productivity of these hybrids was got at sowing in the first terms (20-22 April), accordingly 3,28; 3,11; 3,35 t/ga. Sowing of hybrids in the second terms (in 10 days) was almost in level first. But drawing off of sowing on second brought a ten-day period over of May to diminishing of the productivity on 0,12-0,25 t/ga. Sava was appeared most plastic.

Trotsenko Z.G. Soybean - a source of the covering the protein deficit // News of Poltava State Agrarian Academy. – 2009. – №1. – P.125-127.

Intensive using to soybean and its products in stockbreeding of the area enables not only to raise capacity an animal and quality to product, but and vastly its reduce the price of. The eating soybean in the manner of gmuha advantageously for facilities both from biological standpoint, and with economic. The most important component to soybean is a vegetable protein. Considering scientific potential Poltavschina and prospects growing given cultures, it is necessary as large as possible to use the soybean and its products in the stockbreeding of the area.

Artux O.M. Influence of tank mixtures of after young growth herbicides is on the productivity of sugar beet // News of Poltava State Agrarian Academy. – 2009. – №1. – P.128-130.

In the field experience studied 10 variants of application of after young growth herbicides and their mixtures in sowing of sugar beet. At sprinkling after young growth herbicides it is important to take into account the phase of firmness of culture, phase of growth of weeds, and them sensitiveness to treatments by that or other preparation,

ANNOTATION

carefully to adhere to the norms of expense of preparations and liquid, take into account weather terms. For all period of researches the set difference for to the variants in relation to the weeds sowing. Also there was the set variation of the productivity between the variants of experience, which differs substantially. The best result have where applied mixture of herbicides of casador, Cardinal, Trilon-B.

Girka T.V. The Influence agrotechnical acceptance of growing corn on damaging young growth of maggot grasshopper // News of Poltava State Agrarian Academy. – 2009. – №1. – P.131-133.

Meaningfulness of basic soil till is considered in protecting of corn seedlings from the wireworm. After throwing the predecessor straw in order to decline the harmfulness of phythophagous it is suggested to make a deep plowing soil tillage. It is set that, the using of deep plowing soil tillage after the predecessor of winter wheat the wireworm quantity diminishes in 1,4 and 1,8 times accordingly comparatively with the chisel plow and flat hoe and damaged by them seedlings – on 3,3% and 5,0%. Abandonment and dispersion of predecessor straw gives a positive effect in reducing harmfulness of wireworms only at the use of deep plowing soil tillage.

Sagajdak E.A. Evaluation and selection of genotypes of flax oil for drought resistance // News of Poltava State Agrarian Academy. – 2009. – №1. – P.134-136.

The article they are stated the results of the evaluation and selection of genotypes of flax oil to increase the resistance to drought. Experience was held at the ISB UAAS, laboratory breeding of flax oil. Held phenological observations, measurements and analysis of morphological selection of valuable features. The table shows: plant height, quantity of branches, the mass of 1000 piece seed oilseed.

We have identified new genetic sources of stability – this is a valuable source material for the creation of high productive grades, with significant adaptive capacity.

Laslo O. Organic agriculture is a way to the ecologically safe products // News of Poltava State Agrarian Academy. – 2009. – №1. – P.137-139.

Ukraine presently close got around creation of organic segment in agriculture. The production of organic goods must be certificated and to have the proper legislative providing, that will allow to activate the domestic market of organic products. And here an important role is acquired by the degree of information and intessant users of the offered products. In addition, level of scientific developments and practical use of principles of organic agriculture in the Poltava area allows to assert that introduction of this direction of agriculture can suffice effective.

Zuenko V.V. Influence antropogens factors on structure of the grouping zhuzhelic forest plantings // News of Poltava State Agrarian Academy. – 2009. – №1. – P.140-145.

The article deals with the peculiarities of spreading carabide species in three main elements of forest. The ecological changes are studied in the connection with fires and cutting the trees. Analyzing the fauna of carabidaes it

is proved that partial cutting has less harmful ecological effect. The influence of fire on the structure of carabidaes is described.

Odaryuk O.O. Ensuring the conservation to information in ground information system // News of Poltava State Agrarian Academy. – 2009. – №1. – P.146-149.

On experience of the work district division GZK is revealed particularities of the flow of the dataware in network Internet-site suburban district division Centre GZK. The recommendations are stated on creation site in all rest suburban district that corresponds to modern need a market land. The lit actions of the provision to safety given in information system. The organized analysis of the making the information systems for ensuring light and quick access physical and juridical persons to information in sphere land and land-cadastr of the relations.

Omelianchuk L.D. Influence of intensivity of growth on interior parameters of repair young growth of pigs // News of Poltava State Agrarian Academy. – 2009. – №1. – P.150-152.

Results of analysis of biochemical parameters of blood of young growth of large white breed of pigs depending on type of their formation are submitted in this article. It was determined. that at high rates of formation of pigs the contents general protein, including albumen and β -globulin in serum of blood had high indicators, but the contents of transferring enzymes, general fats, kholsterol, at high rates of formation of pigs was lower.

Kolisnyk O.I. The Chemical composition of meat aderdin-anhuss bulls different types // News of Poltava State Agrarian Academy. – 2009. – №1. – P.153-155.

Brought given about chemical composition of meat aderdin-anhuss of the sort of the miscellaneous genotypes: british, american and ukrainian breeding. The installed advantage goby large genotype american breeding on all leading indexes of the chemical composition of meat - a mincemeat and the most long muscle of the back. Meat goby all genotypes is characterized by high quality and its dietetic. Since age animal contents moisture decreases in meat and increases its fet. On correlation moisture and fat possible to judge about "maturity of" meat. This factor is optimum beside goby of the small early-ripening type, he is indicative of readiness these animal to downtrod in fifteenthmonth age already.

Kosovnenko N.V. The Estimation of the heifers of the different milk sorts on exterior // News of Poltava State Agrarian Academy. – 2009. – №1. – P.156-158.

Brought results of the studies on study of the particularities of the exterior of the heifers of the different milk sorts. It is proved that on throughmeasures and index advantage has an animals goishtiska and ukrainian is dyed-pockmarked sorts. They differ the best development in majority throughmeasures that is indicative of their abilities to high efficiency. On exsterier parameter heifers of all sorts correspond to the type of the milk direction to capacity.

Shcheerbakova N.C. The definition of dates remove by preparation BI-ceptim from birds meat // News of Poltava State Agrarian Academy. – 2009. – №1. – P.159-160.

ANNOTATION

The leading out of preparation of "BI-septim" considered from the organism of chickens are described at the article. As "BI-septim" is synthetic preparation which consists of two antibiotics: tilosin and to oksitetraciklin, their maintenance in meat of bird separately we determined. Determining the remaining amounts of antibiotics conducted an expressmethod (MUK 4.2.026 – 95) and discovered that oksitetraciklin and tilosin approximately with identical speed hatches from the organism of chickens (on the third days after the last time of task an antibiotic in the red meat of oksitetraciklin of 0,2 mkg/g, tilosin and 0,45 mkg/g). That if to maintain a bird during 7 days after the last time of task BI-septim at meat tailings of antibiotics was not determined also defined.

Orenchuk E.P. Influence of sodium nitrate excessive incoming into organism on skin permeability for water-soluble substances // News of Poltava State Agrarian Academy. – 2009. – №1. – P.161-165.

The experiment on 20 white rats has shown that inhibition in perspiration hasn't been accompanied by increasing of the permeability of pad-cushion skin (contained sweat glands) to epinephrine in the intact animals and lead to the progressive increasing permeability to epinephrine in the rats with sodium nitrate burden. It is evidence of the activation of transglandular skin permeability for water-soluble substances.

A.H. Blyznyuchenko. Klonologia is the science of future // News of Poltava State Agrarian Academy. – 2009. – №1. – P.166-174.

The modern state of the newest science is reflected klonologia. Future achievements of this science and its influence are influence on the future of humanity.

Perevoznikova N.I., Kreps E.M., Sherstyuk L.N. The role BAD on base efficient herbal molded (from history of tibet medicine) // News of Poltava State Agrarian Academy. – 2009. – №1. – P.175-178.

In connection with ecological situation on Ukraine is required special approach to health and use the additional

measures of its recovery, reconstruction, maintenances and preventive maintenances. Exactly on this all more vision people turn to natural component and, accordingly, to product in the manner of biologically active additives on base nigheffect herbal molded, founded on ancient Tibet recipe. These formulas are founded on use extraction from plants rising in Tibet, - an most ecological clean place on planet. They efficient for using under any disease and for preventive maintenance both in humanitarian medicine, and in veterinary medicines.

Martynenko N.A., Kovalenko V.F., Pchenko M.O., Bazalevych A.V. Factors of the seminal plasma controlling of the boar spermatozoa cryotolerance // News of Poltava State Agrarian Academy. – 2009. – №1. – P.179-183.

Analyze of the functional significance of the boar seminal plasma multifarious factors and use possibility one for increase of the spermatozoa cryotolerance and fertilizing capacity presented in review. In conclusion presented the further strategy of the researches development in factor search of the boar spermatozoa cryotolerance increase .

Shevchuk S.M. Professor Mykhailo Sambikin is the founder of agrometeorological science in Ukraine // News of Poltava State Agrarian Academy. – 2009. – №1. – P.184-188.

The article presents the course of life and creative development of Mykhailo Mytrofanovich Sambikin (1878-1968) - Doctor of Geographic sciences, Professor. The scholar conducted pioneer research in agrometeorological science in Ukraine, founded systematic meteorological investigations in Poltava region. He was the institutor of geographic and agricultural education in Poltava. On departure from Ukraine Professor M. Sambikin carried on the scientific research in the field of physical geography and became the institutor of college geography in Blagoveshchensk and Volgograd.

Літературний редактор: *Раїса Колеснікова*
Відповідальний редактор: *Оксана Колеснікова*
Комп'ютерна верстка: *Любов Ярова*
Набір і правка: *Наталія Засельська*
Переклад англійською: *Валентина Скриль*

Підписано до друку 13.03.08 р. Замовлення № 59. Папір офсетний. Друк різнографія.
Формат 60x84/8. Ум. друк. арк. 26,0. Гарнітура Times New Roman Cyr. Тираж 300.
Редакційно-видавничий відділ Полтавської державної аграрної академії.
Адреса: 36003, м. Полтава, вул. Г.Сковороди, 1/3.
