SUMMARY

Bazaliy V.V., Domaratsky E.O., Pichura V.I. Formation of soft winter wheat yields depending on seeding time and biological grain dressers

Different varieties of winter wheat form the highest yielding capacity when seeded in the period between 20.09 - 30.09 compared with early (10.09) and late (10.10) sowing dates. Under all these seeding dates (10.09, 20.09, 30.09 and 10.10), winter wheat varieties Poshana and Victoria Odesska formed higher productivity with the application of the biological grain dresser Trichodermin compared with the control (no treatment) and other biological and chemical agents.

Key words: winter wheat, yield, sowing time, biological seed dressers.

Berdnikova O.G. Effect of fertilizers and irrigation on the dynamics of growth processes of winter wheat varieties

The paper looks at specific features of the effect of fertilizers and irrigation on the dynamics of growth processes of winter wheat varieties Khersonska awnless and Odesska - 267 depending on irrigation regimes (moistening, vegetative watering) and nutrition background in Southern Ukraine.

Key words: dry biomass, aboveground biomass, moisture content, moistening, vegetative mass, biometrics, productive processes.

Bochevar O.V., Sydorenko Uu.Ya., Il'yenko O.V., Ostapenko M.A., Ostapenko S.M. The influence of agricultural practices of cultivation on chickpea grain yield

The paper presents the results of research on the effect of sowing time, sowing methods and seeding rate on chickpea grain yield and cost efficiency of chickpea cultivation in the northern steppes of Ukraine.

Key words: chickpea, grain yield, sowing time, sowing method, seeding rate, profitability level.

Bulygin D.O. The bioenergetics analysis of the performance irrigation variety and density of standing plants of the new soybean sorts

In the article are resulted the results of studies the influence types of irrigation regimes and density of standing plants on the bioenergetics performance of the new sorts of soybean.

Key words: soybean, bioenergetics analysis, energy increment, energy coefficient, mode of irrigation, yield, density of standing plants.

Vasylenko N.E. Formation of the aboveground mass of castor beans

The article presents the results of the agrotechnics of castor oil plants of different maturity groups. It determines the effect of the factors studied on the above-ground mass of castor oil plants.

Key words: castor oil plant, variety, sowing time, plant population, yield, oil yield.

Vozhegova R.A., Shepel' A.V., Boyarkina l.V. The effect of the dynamics of increment of the aboveground mass of alfalfa plants on fresh yield formation depending on the irrigation mode

The paper examines the effect of the proposed modes of irrigation and mineral nutrition on the formation of fresh yield and alfalfa hay. The studies show that daily increment of alfalfa varies significantly depending on the phases of plant growth and moistening conditions. These yields show that alfalfa fresh yield and hay formation are to a large extent determined by the irrigation mode.

Key words: information support, alfalfa for feed, irrigation mode, shoot formation, plant productivity level.

Dudchenko V.V. Morozov R.V., Dyachenko K.S., Chekamova O.I. The development of the processing industry in the sphere of rice production in Ukraine

From the perspective of systemic approach the paper studies the issues of the development of the processing industry in rice growing areas of Ukraine. It analyzes specific features of the functioning of the market of rice and its products. Special attention is paid to the problems of efficient performance of the rice processing industry.

Key words: development, rice production, rice, rice cereal, processing.

Kazanok O.O., Grabovskyi P.V. Productivity and grain quality of durum winter wheat grown in Southern Ukraine depending on moisture supply conditions and mineral nutrition level

The article provides the results of studying the impact of growing conditions and biological characteristics of varieties on the level and quality of durum winter wheat yields in the south of Ukraine.

Key words: variety, wheat, mineral fertilizers, irrigation, technology, quality.

Kachanova T.V. Productivity and energy efficiency of cultivation technology elements of oat varieties in southern Ukraine

The article presents the results of a field experiment on the effect of the elements of agrotechnics on the productivity and energy efficiency of oat growing.

Key words: oats, tillage method, fertilizers, variety, energy efficiency.

Lavrynenko Yu.O., Balashova G.S., Kotova O.I., Suchkova Zh.E. Biotechnology in vitro in getting disinfected seed potatoes

The article features the results of research on nitrogen nutrition, temperature and photoperiods on the rate of potato tuber formation in culture in vitro.

Key words: cuttings, growing medium, plant height, number of internodes, photoperiod, weight of microtubers, temperature control.

Lyuta Yu.O., Malyshev V.V., Stepanov Yu.O. Tomato yield and water consumption under drip irrigation in southern Ukraine

The article presents the results of research on the effect of methods of prescribing irrigation, application of micronutrients on the yield and water consumption by tomato plants under drip irrigation in southern Ukraine. It shows the efficiency of prescribing irrigation based on the method of evaporation from the surface of water, of refreshing irrigation, and of foliar application of micro fertilizers Vuxal and Mochevin K.

Key words: tomato, method of prescribing irrigation, water consumption, micronutrient fertilizers, yielding capacity.

Makukha O.V. Fedorchuk M.I. The influence of agricultural practices on the elements of biometrics of fennel plants in southern Ukraine

The article presents the results of studying the effect of nutrition background, sowing time, inter-row spacing on the linear growth and leaf area of fennel plants under arid conditions of southern Ukraine. The highest values of fennel plant height and leaf area in the experiment were provided by N_{90} application and early spring seeding in late March with a row spacing of 45 cm.

Key words: fennel, plant height, leaf area, nutrition background, sowing date, row spacing.

Noskova O. Yu, Stankevich A.I. Ecological grounds of the optimization of the cultivation of seed alfalfa under organic farming

The article describes an improved agrotechnology of alfalfa growing. The agrotechnology includes plant stand desiccation with an ecologically safe and inexpensive desiccant – the Sivash water, which allows obtaining two crops of alfalfa seed during the growing season and is a new development having no analogues in the southern steppes of Ukraine.

Key words: alfalfa, seeds, organic farming, desiccation, ecoagrotechnology**.**

Onishchenko S.O., Almashova V. S. Environmental features Pea growing under nutrition and micronutrient preparation ryzotorfin the development of nodule nitrogen-fixing bacteria

This paper highlights the results of studies of the impact Pea seed treatment on growth and development nitrogen-fixing bacteria under the above drugs.

Key words: nitrogen-fixing bacteria, minerals, vegetable pea, molybdenum, boron, ryzotorfin, stairs.

Pashtetsky AV Ways to improve the profitability of agricultural production.

The article describes the efficiency of production of major crops in the Crimea and justified their growth prospects.

Key words: Crops, Cost, Costs, Effectiveness.

Skydan M.S., Skydan V.A., Kostromitin V.M. Features ripening seeds of sunflower hybrids in the eastern steppes of Ukraine

The results of two years (2008-2009) of research on the effects of background characteristics on power ripening seeds of sunflower hybrids of different maturity groups . Found that sunflower hybrids Ant and Darius best suited to growing in the area of low moisture, hybrids Oskol, Jason, Bohun - in the area of low and unstable wetting, hybrid Corporal - in the area of sufficient moisture.

Key words: sunflower hybrid seed filling, the stage of organogenesis, weight of 1000 seeds, fertilizers.

Kovalenko O.A., Khonenko L.G., Gyrlya L.M. The influence of weather and climatic conditions and seed treatment on the growth and development of pea plants

The article presents the results of studying the influence of pea seed treatment with bacterial preparations and Vitavaks 200 ФФ on pea yielding capacity.

Key words: weather and climatic conditions, peas, seeds, bacterial preparationss, crop yield.

Shevchenko I.V., Mynkin M.V., Mynkina G.O., Omelchenko I.M. Bioenergy evaluation of harmful effects of weeds and weed control techniques on commercial grape plantations

Growing grapes using traditional technologies is connected with costly human energy consumption (up to 45-46 J/m) including weed control (up to 3.2-4.0 GJ/ha per year), which is 77-79% reimbursed by the energy accumulated in the crop of grapes. This paper presents the results of studying the influence of different levels of weediness within certain phases of the growing season on the productivity of grapes, unit cost of artificial energy, and efficiency of its use.

Key words: grapes, weeds, bioenergy evaluation.

Fedorchuk M.I., Filipov E.G. Influence of agrotechnical receptions on the high-quality indexes of butter of the *Carthamus tinctorius* dyeing in the conditions of irrigation of South of Ukraine

In the article the results of researches of influencing of agrotechnical receptions are resulted on productivity of plants of the *Carthamus tinctorius*, tilled in the conditions of irrigation of the South Ukraine. His high-quality-quantitative changes of biochemical composition of oil at the sort are shown Sonachniy from the studied factors, which can be used in pharmacological industry.

Key words: *Carthamus tinctorius*, irrigation, terms of sowing, high-quality-quantitative indexes, maintenance of the oil in seeds.

Arkhangelska M.V., Kushnerenko V.G. Substantiation of the simplified technology of deep treatment of eggs

The paper analyzes a chemical method of the pre-incubation treatment of eggs. It determines the influence of ascorbic acid, succinic acid, and dimethyl sulfoxide on the quality of hatching eggs, growth and development of chickens. Dimexide as part of the solution is not only a chemical conductor but also a weakly concentrated disinfectant. Due to its wide biological effects DMSO contributes to enhancing many metabolic reactions with ascorbic acid and succinic acid. The study shows that the use of the chemical method of injecting biologically active substances in hatching eggs is the most promising.

Keywords . dimexide, succinic acid, ascorbic acid, metabolic reactions, eggs, chickens.

Vakulenko Yu.O., Boroday V.P. Hematological parameters of blood of laying hens and their productivity under the use of different sources of light

The article presents data on the biochemical and hematological blood parameters of laying hens and their productivity when using different light sources.

Key words: laying hens, light, egg production, incandescent bulbs, compact fluorescent lamps, LED lamps.

Vovchenko B.O., Gorb I.M. Reproductive capacity of ewes of the Tavrian type of the Askanian fine wool breed depending on the genotype of sires

The article presents the results of studies on the impact of different variants of selecting sires of the Tavrian type of the Askanian breed on the reproductive capacity of ewes. It establishes a positive influence of intrabreed breeding on the reproductive characteristics of ewes.

Key words: ewes, Taurian type, fertilization, reproductive capacity, fecundity.

Vovchenko B.O., Pentylyuk S.I. Combined use of the preparations betaphin and cellobacterin in the diets of pigs

The paper presents the results of studies on the productivity of pigs under the application of the preparation Betaphin in combination with the enzyme supplement Cellobacterin in their rations. The use of these preparations in feeding piglets contributes to their growth rates, which positively affects the productivity of sows and piglets.

Key words: feeding, feed supplements, pig, piglets, productivity.

Debrov V.V., Torska S.M. Regularities in the formation of egg production of modern crosses

The article studies the main regularities of the formation of egg production of crosses Hisex brown and Hisex white, as well as equal-weight groups according to their live weight of distribution classes M+, Mo, M-. It is found that the major components of the egg production rate are: age of sexual maturity, the rate of increase in egg production, age of reaching the peak and its duration, the rate of decline in egg production. These factors have optimal values in Hisex brown, which allows getting 335 eggs, i.e. 16 eggs more than from Hisex white.

Key words: cross, egg production level formation, equal-weight groups, adapting to keeping conditions, egg production plateau, egg production stability rate.

Karmazin V.O., Pentylyuk S.I. The use of protein feeds in pig feeding

The paper presents the results of using a protein feed supplement of gluten feed in the diets of young pigs. The evaluation of productivity indices of animals made it possible to determine peculiarities of the effect of this feed factor and to specify the technology of its use in pig diets.

Keywords: feeding, feed supplements, piglets, productivity**.**

Kovalenko T.S. The use of transgression analysis for identifying the differences between pig breeds of different productivity directions by economic and utility characters

The paper features an approach to the identification of genetic resources (the case study of pig breeding) based on the transgression of the main economic and utility characters. Transgression analysis methods allowed determining the discreteness of pig breeds under study, assessing the degree of their similarity and specifying directions of further specialization.

Key words: hybridization, heterosis, discreteness, genetic resources, breeding.

Kozyr V.S., Vasylenko T.O. Technological properties of ewes' milk

The paper provides the results of studying the effects of feeding pregnant ewes of the Dnepropetrovsk type of the Askanian meat and wool breed with different amounts of sulfur on the chemical composition and technological properties of milk. It shows that milk obtained from ewes who additionally received sulfur in their diet is suitable for use.

Key words: ewes, milk, sulfur, chemical composition.

Kramarenko O.S. The evaluation of the breeding value of sires of the southern beef breed of different types by the BLUP method

The article presents the results of the analysis of estimates of the breeding value of bulls of the southern meat breed of different lines and types according to growth indices obtained on the basis of the BLUP method. Principal component analysis (PCA) helped to identify the most valuable lines in each type.

Key words: BLUP method, EBV, PCA, cattle, southern beef breed, genealogical line.

Nechmilov V.M. Productive characters of lambs having gumivala in their diets

The article presents data on the effect of the feed supplement gumival on haematological parameters, live weight, and meat productivity of lambs raised up to seven-months of age.

Key words: feeding, lambs, supplements, gumival, meat productivity

Novikov N.V. Meat quality indices of pigs with different stress resistance on the breeding farm LLC Freedom Farm Bacon

The study finds that under the influence of technological stress-factors Landrace and Large White pigs having different adaptability standards show specific changes in the chemical composition of the muscle tissue that affect the taste and technological properties of meat.

Key words: stress-factor, meat quality, Landrace, Large White.

Pelykh V.G., Chernyshov I.V., Levchenko M.V. Formation of the reproductive characters of sows of the Ukrainian meat breed

The article describes the on-farm evaluation of pigs taking into account basic biological characteristics typical of the Ukrainian meat breed.

Keywords: ontogeny, multiple pregnancy, litter weight, litter uniformity index, biological characteristics of pigs, Ukrainian meat breed, reproductive characters evaluation.

Pentylyuk R.S. Productivity of pigs of different genotypes with the application of the preparation Biomos

The paper presents the results of the use of antimicrobial preparation Biomos in the diets of lactating sows and piglets of different genotypes. It evaluates the reproductive characters of sows and live weight dynamics of piglets, and identifies distinctive features of the effect of the feed factor on purebred and crossbred animals.

Key words: genotype, feeding, feed supplements, sows, piglets, productivity.

Petroshenko-Terletska V.O., Chechet A.O., Nezhlukchenko T.I., Papakina N.S. Distinctive features of the formative processes in Tavrian type sheep and effectiveness of modeling their productivity

The paper deals with the growth and development intensity of 5-7 month-old experimental sheep. It identifies significant differences between the Tavrian type lines. The study proves the efficiency of Bridges and Richardson mathematical models in predicting the growth of animals. It also shows a correlation between the parameters of the mathematical models and wool productivity of sheep.

Key words: sheep, modeling, perfomance, line.

Smorochynskyi O.M., Tyshchenko Yu. The improvement of production technologies of semi-smoked sausage

The article provides the characteristics of four variants of smoked sausage production, determines optimum parameters of the process, and evaluates the quality of the meat products.

Key words: sausage, meat. technology, formula, thermal treatment, quality.

Susol R.L. The effectiveness of combining modern genotypes in pork production in the Odessa region

The study shows that for the conditions of the Odessa region it is efficient to match Large White sows with improved meat characteristics of the pedigree type UKL-3 «Prichernomorsky»(under development) with boars of Poltava and Ukrainian Meat breeds.

Key words: genotype combination, pedigree type, Ukrainian meat pigs, Poltava meat pigs, breed, pigs.

Tunikovska L.G. Modern methods of sire evaluation in pig breeding

The article discusses the results of studies using the probit method to improve the assessment of the breeding value of sires in the selection for the complex of characters, as well as for progeny productivity. It is also expedient to use this approach in conducting a comparative evaluation of lines, types and breed-line hybrid combinations.

Key words: sires, probit method, line, progeny, breeding value, complex of characters.

Usanin A.P., Lisnyi V.A. Slaughter and meat quality traits of gilts depending on the intensity of their raising

The paper evaluates slaughter and meat quality traits of pigs of different genotypes in relation to the intensity of their raising. It shows that the carcasses of pigs raised under intensive technology surpassed the highest carcass yield by 1.8 - 2.6%, had a higher pair and chilled carcass yield, and a slightly lower yield of internal organs.

Key words: pig breeding, breed, intensive technology, slaughter characteristics.

Kharychev D.S., Pentylyuk S.I. Productive characteristics of pigs having Liprot in their diets

The findings of the research conducted on young pigs show specific features of the effect of different doses of the lysine-protein supplement Liprot on animal productivity.

The study evaluates the dynamics of live weight and control slaughter indices. It allows evaluating the conditions and feasibility of Liprot application.

Key words: feeding, protein feeds, pigs, productivity

Shkramko I.A., Pentylyuk S.I. The inclusion of gluten in the diets of pigs

The paper presents the results of using a protein feed supplement of gluten feed in the diets of sows and piglets. The evaluation of productivity indices of animals made it possible to determine peculiarities of the effect of this feed factor and to specify the technology of gluten application in pig diets.

Key words: feeding, feed supplements, sows, piglets, productivity.

Shcherbyna O.V., Grygorenko V.V. Economic efficiency of egg production of poultry crosses Iza Brown distributed into classes and housing floors

The study analyzes economic efficiency of table egg production by poultry cross Isa brown distributed at an early age into classes and housed on different floors of battery cages. It outlines further directions of improving the efficiency of class distribution of hens into equal-weight groups, and their housing in corresponding battery cages, which makes it possible to obtain additional profit.

Key words: cross, egg, egg mass, floor, distribution class, economic efficiency, sale price, cost.

Morozov V.V., Bulygin O.I. Management of the reclamation regime of long-irrigated lands in unfavorable hydrogeological conditions (the case study of the Krasnoznamyanska irrigated area)

The article presents the results of studying the formation of the water-salt regime of the Krasnoznamyanska irrigated area at the background of vertical drainage. It determines optimal soil moisture parameters, moistening layer and soil regime for winter wheat. The study identifies the regularities of changes in the water regime and physical and chemical properties of dark chestnut soils when operation conditions of the "irrigation - vertical drain" deviate from design conditions (1989 - 1992) up to today's limited resources in an unstable economic climate (2003-2005), and outlines directions of further development. It also formulates some principles of optimizing the water-salt regime of soils for unfavorable hydrogeological conditions of the Krasnoznamyanska irrigated area.

Key words: Krasnoznamyanska irrigation system, water-salt regime, dark chestnut soil, winter wheat, vertical drainage, groundwater, management of land reclamation regime.

Morozov, V.V., Morozov O.V., Polukhov A.Y. Economic evaluation of the effectiveness of applying defecate in the soil of rice irrigation systems (Krasnoznamyanska irrigation area)

The study provides data on the effectiveness of applying local calcium ameliorants and their impact on soil fertility and productivity in the area of rice irrigation systems (Krasnoznamyanska irrigation system).

Key words: soil, rice irrigation systems, meliorants, yield, efficiency.

Morozov O.V., Morozov V.V., Beznitska N.V. The study of soil fertility in the Southern Ukrainian steppe against the background of regional climate changes

The paper looks at the results of studies of the indicators of climate changes in the south of Ukraine: sum of positive temperatures, rainfall, hydrothermal coefficient dynamics in 1960-2012. It reveals a relationship between the dynamics of changes in the hydrothermal coefficient values and soil fertility and productivity indices.

Key words: climate, soil, irrigation, fertility, hydrothermal coefficient.

Rzayev M.A. Challenges for agriculture in arid zones and prospects for their solution

The article is devoted to the topical issues of irrigated agriculture in arid zones of the Republic of Azerbaijan. It analyzes irrigation water consumption at the background of climate change, transition to a free market economy over the last two decades. The paper examines the existing problems of irrigation water management and its impact on the ecology of the soil. It evaluates the reclamation measures taken considering the changes over the period, and proposes measures to improve irrigation water management and organization of water user associations for the stable development of agriculture, as well as measures for environmental safety.

Key words: stability of agriculture, arid zones, irrigation water, water loss, cropping patterns, environmental safety.

Boiko T.O. Environmental and substrate affinity of lichens and lichenicolous fungi Yelanetsky-Ingulsk region (Nicholaev and Kirovograd region)

Considered part of a comprehensive study lihenobioty Yelanetsky-Ingulsk region. The article highlights the issue of ecological and substrate affinity of lichens and lichenicolous fungi of the area, their distribution by types of substrates quantitative composition and taxonomic structure.

Key words: Yelanetsky-Ingulsk region, lichens, substrate outcrops.

Golovashchenko M.F. Dependence taxational indicators 40 -year-old piece of pine density planting schemes and

Deals with the results of studying the effect of different schemes and planting density on the performance taxational medieval artificial pine forests in the steppe Ukraine. Found that creating a dense Scots pine without foreknowledge of doing them thinning, row spacing should be increased to 2.5-3 meters, which will provide a productive middle-aged artificial pine.

Key words: artificial pine, density and planting schemes, classes Kraft, taxational performance.

Lyanzberg O.V. Ecologization of the process of growing carp stocking material

The paper examines the effect of using nonfood fish with the aim of getting additional fish products.

Key words: fingerlings, fish stocks, output, ecological factors.

Olifirenko V.V., Kozychar M.V., Rachkovskyi A.V. The dependence of fish helminthofauna on the dietary specialization of fish in the Dnieper-Bug estuary ecosystem

The article highlights the problems of the dependence of fish helminthofauna on the dietary specialization of fish. It considers and compares qualitative and quantitative differences in the helminthofauna of fish from the water bodies of the Dnieper delta and the Dnieper-Bug estuary.

Key words: helminths, helminthofauna, invasion, nutrition, extensiveness, infestation.

Chernyshenko P.V. Ecological adaptability of soybean breeding numbers in the eastern part of the forest-steppe zone of Ukraine

The study shows no significant differences between early and mid-early groups as to soybean yield. At the same time, the numbers of the early-ripening group with high ecological plasticity, low amplitude of phenotypic variation and thus stability of the genetic potential of productivity turn out to be the most adapted to the environmental factors.

Key words: soybean, yield, breeding number, genotypic effect, plasticity, rank.

Shakhman I.O. Ecological assessment of the impact of the Kherson shipyard on the water resources of the river Dnieper

The study makes an evaluation of the influence of PJSC "Kherson Shipyard" in the process of industrial production on the water resources of the Dnieper.

Keywords: water quality, water use, disposal, return water, sewage.

Bolila S.Yu., Guba M.I. Ways of developing the competitiveness of poultry enterprises

On the basis of competitive analysis and research into consumer preferences the article examines the state of poultry plants, and develops ways to improve their competitiveness in an increasingly competitive environment.

Key words: competitiveness, marketing research, poultry plant.

Bridun A.S. Pricing policy as a prerequisite of enterprise's financial stability

The study looks at the general framework of pricing as the basis of the pricing policy of a company. It characterizes the mechanisms of pricing policy impact on its financial stability under economic instability and global challenges. It is shown that in the long run effective pricing policy formed in accordance with the stages of the product life cycle and goals of the company is the key to its financial stability due to the optimum debt/equity ratio.

Key words: price, company's price policy, enterprise's financial stability.

Vanieva A.R. Improving fiscal factors and resources in the system of economic activity regulation

The paper identifies the specifics of the effect of tax factors and budget resources on the development of market economy structures in Ukraine. It characterizes the patterns of economic activity taxation common in the economies of other countries. The study specifies the priorities of fiscal policy development to ensure the functioning of a competitive national economy.

Key words: budget resources, tax factors, fiscal policy, models, market structure, competitiveness, globalization, regulation, management.

Kyrylov Yu.E. Ukraine's brand in the globalized world: determining perspective images

The article substantiates the significance and need for national branding in the context of globalization. It presents the results of research on the image of our country in the world. It considers possible variants and areas of national branding of Ukraine and proposes promising images of its further development in the globalized world.

Key words: nation brand, national branding, globalization, image, competitiveness, economic growth, country with no taxes.

Kiselyova R.A. Improvement of the organizational structure of water management based on the environmental insurance system

The article substantiates the necessity of improving the organizational structure of water management in Ukraine based on the environmental risk insurance in the water management and land reclamation complex.

Key words: environmental insurance, insurance fund, reclaimed land, organizational structure of management, risk, damage.

Marmul L.O., Koval S.V., Runcheva N.V., Podakov E.S. Innovative principles of accounting in Ukraine

The article reveals innovative foundations for the development of accounting in Ukraine. It substantiates the prospects for new information technologies based on modern software products.

Key words: improvement, management accounting, innovation, new technologies, software, managerial decisions, development.

Marmul L.O., Mosiyuk S.I., Rusnak A.V. Organizational and economic aspects of consulting services provision

The article discusses the specifics of the organization and state of consulting activities. It substantiates directions and measures to enhance the effectiveness of their implementation.

Key words: consulting activities, consulting services, efficiency, improvement, management.

Rybka V.S., Shevchenko M.S., Cherchel V.Y., Lyashenko N.A., Kulik A.A. The base aspects of providing of economic stability of production of grain in the steppe zone of Ukraine

The article describes the main trends in the development of grain production in the steppe zone of Ukraine, found the place and role of the feasibility studies of the results of comprehensive experimental studies of the Institute of Agriculture of the steppe zone to ensure the sustainability of grain production in the steppe region. Steppe zone established place in the formation of national food resources and in addressing the economic development strategy of AIC of Ukraine.

Key words: grain crops, technology, yieldness, cost, profit, power, profitability, pricing, efficiency.

Sysoyenko I. Methods of creating enterprise organizational structure

The study considers the design methods of enterprise organizational structure from the viewpoint of well-known economists, highlights their main content, and identifies specific features and problems of the implementation of such methods of constructing the organizational structure of an enterprise.

Key words: methods, design, organizational structure of an enterprise.

Slepukhina I.D. The influence of motivation on the development of labor potential (machine building plant as an example)

The article considers the basic concept of "motivation", the essence and importance of a motivational system. It also studies a model for an integral effective motivational system at a machine building plant, material and non-material incentives, their value to the employee.

Key words: motivation, machine building enterprise, material and non-material incentives, personnel development.

Khlivna I.V. The evaluation of rural labor force formation and rural development

The article is devoted to the problems of rural social development and rural labor resources, development of rural areas, their social infrastructure, and rural employment.

Keywords: human resources, rural population, rural areas, unemployment.

Schaslyva G.P. The structure and trends in the development of the market of material and technical resources in Ukraine

The article analyzes the existing structure of the market of material resources in Ukraine and identifies the main trends in its development.

Key words: material and technical resources, agricultural market, economic efficiency, material and technical base.