
SUMMARIES

Bazaliy V.V., Gontaruk V.T. Leaf area dynamics and photosynthesis productivity of self-pollinated lines of sunflower on irrigated hybridization plots

The paper analyzes the indexes of leaf area, photosynthetic potential of the crop and net productivity of photosynthesis of maternal lines of sunflower cultivated on the irrigated hybridization plots in the Southern Steppe of Ukraine. The research results show the advantages of line Cx-2011A, the second period of sowing and a plant population of 60 thousand per ha.

Key words: sunflower, sowing time, plant population, leaf area, photosynthetic potential, net productivity of photosynthesis.

Bazaliy V.V., Domarats'kyi Y.O., Pichura V.I. Analysis of the formation of the productivity of soft winter wheat varieties depending on biopreparations and climatic conditions

The article presents research data on the positive effect of presowing treatment of soft winter wheat seeds with biological preparations on their yielding capacity due to a better sowing quality of grain and higher survival rate of winter wheat plants. It provides a comparative characteristic of the productivity of soft winter wheat varieties depending on climatic conditions and biopreparation application. For the first time in assessing the impact of factors and predicting the dynamics of soft winter wheat yield formation a non-linear method of artificial neural networks was used.

Key words: biopreparations, winter wheat, yield, modelling, dispersion analysis, artificial neural networks.

Averchev O.V. Economic and energy efficiency of growing different varieties of cereal crops in Southern Ukraine

The article presents the results of many-year research into the effect of different varieties of cereals on the economic and energy efficiency of their cultivation. For irrigated agriculture in Southern Ukraine, buckwheat variety *Shatylyvska 5* and millet variety *Veselopodolyanske 632* proved to be the most profitable in their groups.

Key words: variety, buckwheat, millet, efficiency, production cost, profitability, profit, energy, energy efficiency.

Boychuk I.V., Bazaliy V.V., Bazaliy G.G., Domaratskyi E.O. Water-retaining ability of plants to winter wheat as a criterion for evaluating drought resistance varieties for different growing conditions

Physiological assessment of different wheat varieties gentle winter for water-containing capacity showed the greatest manifestation of drought resistance in extreme conditions varieties growing in Odessa 267, Finding Odessa, Respect, Peasant, which eventually formed and higher yields.

Key words: winter wheat, physiological assessment, drought resistance, yield, Water-retaining ability.

Vozhegova R.A. Varietal composition and productivity of rice in different periods of varietal exchange under the conditions of the Southern Steppe of Ukraine

The article features the results of studying the productivity of rice varieties depending on varietal exchange during their cultivation in the Southern Steppe of Ukraine. It determines optimal parameters of a model of a high-yield rice variety resistant to adverse factors.

Key words: rice, varieties, productivity, regression, economic and biological characters.

Geller A.I., Pashova V.T., Korbanyuk R.A., Zaytseva O.S., Kravchenko K.A. Specific features of the formation of quantitative and qualitative characteristics of spring barley under the application of biotechnological preparations

The study presents the results of the development and substantiation of biological and technological methods in the technology of spring barley growing on traditional low-humus black soils in 2008-2011. Seed treatment and spaying during the tillering phase was made with preparations *Baikal EM – 1*, *Mars El*, *Deimos*, *Endofit*, and *Bishofit*. The article reveals a positive effect of the preparations on the yield (+ 4.0 – 5.5 center/ha) as well as on feed and food quality.

Key words: spring barley, biotechnological preparations, "crude" protein, protein, starch.

Zaitseva O.S. The effect of biologically active substances on spring barley cultivation

The article features the results of field experiments on the effect of biologically active substances on the spring barley crop. It shows that the joint application of biological preparation *Agat 25K* and complexones *Recom* and *Cristalone* was more effective.

Key words: spring barley, biologically active substances, complexones, fertilizers.

Kazanok O.O., Sukhotin A.S. Economic and bioenergy evaluation of cultivation technology elements of soybean varieties of Ukrainian selection depending on the factors under study

The article presents the results of studying economic and energy efficiency of cultivation technology elements of soybean varieties *Diona* and *Apollo* in Southern Ukraine.

Key words: economics, bioenergetics, variety, soybeans, mineral fertilizers, irrigation, technology.

Kokovikhin S.V., Donets A.A., Shatalova V.V. Economic and energy aspects of the optimization of the technology of winter rape growing under the conditions of Southern Ukrainian Steppe

The article features the results of research on winter rape grown for green mass and seeds, and determines the efficiency of mineral fertilizer application and chemi-

cal protection of plants. The economic and energy evaluation carried out proves the advantages of applying estimated rates of mineral fertilizers and insecticides.

Key words: winter rape, irrigation, fertilizers, insecticides, productivity, economic evaluation, energy efficiency.

Kokovikhin S.V., Ursal V.V., Pilyarskaya O.A. The effect of moistening conditions, mineral nutrition background and plant population on seed productivity of corn under the conditions of Southern Ukraine

The article highlights key elements of the technology of growing corn in hybridization areas under irrigated conditions of southern Ukraine. It provides the results of studies on the reaction of corn parent form *Cross 221 MB* to different types of irrigation, mineral nutrition background, and plant population.

Keywords: corn, areas of hybridization, irrigation mode, aggregate water consumption, productivity.

Kostyrya I.V., Gasanova I.I., Ostapenko N.A., Ostapenko S.N., Bochevar O.V., Bondarenko N.S. Increasing the productivity and grain quality of winter wheat against application of nitric fertilizers and means of pest control under the conditions of Prisivashya

The article considers the results of research into the productivity and grain quality of winter wheat depending on the late top dressing of crops with urine carbamide (N_{20}), insecticide *Fastak* applications (0.15 l per ha), and introduction of a tank mixture [carbamide (N_{20}) + *Fastak* (0.15 l per ha)]. The study shows the efficiency of this tank mixture that contributes to growing grain of higher quality (classes 2-3).

Key words: winter wheat, varieties, carbamide, pest control, productivity, grain quality.

Lavrenko S.O., Boryshchuk R.V. Economic and energy efficiency of growing irrigated winter barley under different tillage methods and nitrogen fertilizer rates

The article provides the results of economic and bioenergy assessment of irrigated winter barley cultivation under different tillage methods and nitrogen fertilizer rates. It presents resource- and energy-saving practices of barley growing that will contribute to efficient crop production.

Key words: winter barley, basic tillage method, tillage depth, nitrogen fertilizer rates, net profit, profitability, energy accumulation, energy coefficient.

Lavrinenko Yu.A., Ruban V.B., Mikhalenko I.V. Prospects of using information devices for the optimization of technologies of growing corn hybrids of different groups of ripeness under the conditions of irrigation in Southern Ukraine

The article provides the results of statistical analysis of experimental data on the productivity of corn for grain under the optimal mode of irrigation. It shows that plant population and nitrogen fertilizer background have the greatest influence on plant productivity. Prognostic calculations determine the optimal area of the cultiva-

tion process. The study highlights specific features of software application for the optimization of corn cultivation technology.

Key words: corn, irrigation, statistical links, correlation, regression, model.

Moskalets V.V., Moskalets T.Z., Moskalets V.I. Winter triticale variety ДАУ 5: origin, ecological stability, agrobiotic potential, parent material

The article presents agrobiological characteristics of winter triticale variety ДАУ 5 produced as a result of individual selection and from hybrid combinations (Augusto x Jaguar) x K-9844/93 according to the parameters of high yield, resistance to lodging, phytopathogenic agents, anomalies of winter-spring and summer periods. Based on variety ДАУ 5, a more frost resistant, winter-hardy and disease resistant line *Chayan* was developed through individual selection. The study shows that under different agrotechnological elements winter triticale variety ДАУ 5 provides a high stable productivity on soddy-medium-podzolized sandy loamy and soddy-podzolic light sandy loamy soils of Eastern and Central Polesya, on deep black medium loamy soils and typical black light loamy low-humus soils of the Northern and Central Steppe of Ukraine.

Key words: winter triticale, variety, ecological stability, agrobiotic potential, productivity stability.

Onishchenko S.A., Almashova V.S. Effect of seed treatment with boron, molybdenum and rizotorfin on the duration of phenological phases of garden pea

The article highlights the results of investigating the effect of presowing pea seed treatment on the time of the main phenological phases of plant development. The experiments carried out showed that the use of two sowing dates with a difference of 14-16 days will delay the onset of the phase of technical maturity of seeds up to 4-6 days, and together with the treatment of seeds with micronutrients and rizotorfin in different combinations – up to 11-12 days compared with control plants.

Key words: phenological phase, garden pea, molybdenum, boron, rizotorfin, crop, shoots.

Ostrenko M.V., Demkovich Y.B., Vermenko Yu.Y. Consumer and medicinal value of different potato varieties

The article identifies and analyzes the main components of the consumer and therapeutic value of antioxidants in potato tubers of different varieties. It shows that the criterion for variety productivity is dry matter yield of tubers per unit area and their energy value. Essential for the nutritional value of varieties is the presence of vitamins, carotenoids, anthocyanins, favorable combination of organic and inorganic compounds, amino acid composition, reducing sugars content. The main criterion of therapeutic properties is antioxidant capacity, namely the amount of vitamins A, C and E in tubers. These are primarily varieties with different shades of red, blue and yellow flesh. The paper provides a list of the most productive registered potato varieties according to their consumer and medicinal value.

Key words: potato, consumer and therapeutic value of potato, varieties, biochemical composition of tubers, energy value.

Polishchuk I.S., Polishchuk M.I., Plensak S.L., Kovalenko O.A. Yield characteristics of potato varieties depending on planting time and fertilization in the right-bank Ukrainian Forest-Steppe

The paper investigates specific features of crop formation of an early potato variety *Povin* and a mid-season variety *Chervona Ruta* depending on planting time and systems of organic and mineral fertilization. It establishes regularities in changes in tuber marketability, starch and alcohol yield depending on the factors under study.

Key words: potato, varieties, productivity, fertilizers, marketability, starch content, starch yield, alcohol yield.

Tomashova O.L., Tomashov S.V., Zhuravel V.N. White mustard. Optimization of sowing time and mineral nutrition

The article considers the results of many-year research on the productivity of white mustard variety *Talisman* depending on sowing time and fertilization. It shows that for getting maximum yields in the Crimean steppe it is expedient to plant the crop in the period of warm spells in February at the background of autumn mineral fertilization.

Key words: white mustard, sowing date, fertilization time, plant density, number of lateral stems, yield.

Yarchuk I.I., Gorschar V.I., Bozhko V.J., Golovan R.V. Winter barley resistance to cold and its productivity depending on mineral fertilizer rates and ratios

The paper presents the results of field tests on the influence of different rates and proportions of mineral fertilizers (NPK) on the formation of winter barley productivity and resistance to cold.

Key words: winter barley, resistance to cold, productivity.

Vovchenko B.E., Ishkhanyan A.R. The use of selection index for assessing reproductive characteristics of sows of the Large White breed

The study establishes a high correlation between selection indices and an integral evaluation of sows – litter mass at weaning. The indices can be used in breeding for improving the quality of reproductive characteristics of sows.

Key words: indices, correlation, selection, reproductive characteristics, sows.

Vovchenko B.E., Pentilyuk S.I., Finchenko O.V. The use of rams of the Tavrian inbred type of the Askanian fine-fleece breed

The article considers major directions of breeding a herd of Askanian fine-fleece sheep of the Tavrian type that are based on the intensive use of Tavrian rams. It proposes to carry out direct selection of the best producers and rams-improvers.

Key words: fine-fleece sheep, build, viability, daily increments, inheritance.

Guzeyev Yu.V. The study of buffalo skins of the Ukrainian population

The paper describes a complex of parameters (thickness, area, weight) of buffalo skins of the Ukrainian population.

Key words: buffalo, skin, thickness, area, weight.

Ivanov V.A., Ivanova L.A., Popova N.V., Nesterenko O.P. Adaptive features and productive characteristics of Landrace pigs under industrial technologies

The article features an example of the selection of stress - sensitive young pigs according to a live weight change ratio, which has important implications for selection, as well as for predicting future productive qualities and reproductive characteristics of pigs.

Key words: stress, adaptation, behavior of pigs, biochemical studies, growth rate.

Kovalenko T.S. Assessment of types of inheritance of polygene-determined productivity traits of sows

Analysis of the major types of inheritance of pig breeding traits determines the influence of genes in the process of getting a hybrid offspring. The study establishes their influence on reproductive and productive qualities of animals, which allows predicting the results of mating animals and the possibility of manifestation of heterosis in the next generation.

Key words: selection program, inheritance, additive type, dominance, heterosis (overdominance), breeding, hybridization.

Pelykh V.G., Chernyshov I.V., Levchenko M.V. The effect of multifetation and compensatory growth on live weight dynamics of pigs in early ontogeny

The paper presents a two-factor analysis of variance and the effect of compensatory growth and size of piglets at birth on the dynamics of their live weight in the suckling period.

Key words: compensatory growth, ontogeny, multifetation, live weight dynamics, biological characteristics of pigs.

Smorochynskiy A.M., Strikha L.A., Filimonova Yu.I. Assessment of slaughter qualities of bull-calves of the Ukrainian Red dairy cattle

The article provides data on a comparative characteristic of fattening and slaughter qualities of castrated bull-calves of the Ukrainian Red dairy cattle. It analyzes the peculiarities of meat productivity formation when breeding cattle of the indicated genotypes.

Key words: bull-calf, technology, fattening, growth rate, meat productivity.

Khvostik V.P. Ecological and genetic parameters of the live weight of chickens

The study identifies ecological and genetic parameters of meat and egg chickens of different genetic origin according to a polygenic trait of live weight, which allows determining a genotype response to paratypical factors of conditions for poultry keeping.

Key words: meat and egg chickens, live weight, flexibility, stability.

Babikova K.O., Nikolaev K.D., Isaenko V.M. The normative principles of rural tourism activities in the context of sustainable development

Identified and reviewed the nature and prospects of the development of rural tourism activities in Ukraine. Established the need for regulatory support rural tourism activities through environmental certification and categorization of rural (agro) estates, which are involved in the tourism industry.

Key words: agritourism, agrotourism activities, ecological passport, environmental categorization, rural (agricultural) estate.

Demyanova O.O., Pylypenko Y.V., Shakhman I.A. The current sources of pollution of water resources of the river Ingulets basin

The study evaluates the influence of the main sources of pollution on the ecological situation in the river Ingulets basin through the analysis of chemical parameters based on observations of the department of instrumental and laboratory control of the State Ecological Inspectorate in the Kherson region in 2005-2011.

Key words: water quality, ecological status, chemical indicators of water pollution.

Kompanets E.V. Dependence research piscicultural-biological and immunological parameters carps to different ways vaccination

Studied piscicultural, hematological and immunological parameters in different ways vaccination carps.

Key words: aeromonoz, vaccination, erythrocytes, lymphocytes.

Lyanzberg O.V. Changes in biological characteristics of young carp after wintering

The article presents the results of studies on hematological parameters of carp fingerlings and yearlings. It shows that a change of certain parameters of the internal environment of carp yearlings suggests some changes in the physiological state of the young and can be considered as a specific signal for the development of appropriate preventive measures and optimization of technological parameters in the organization of the process of second-year fish cultivation.

Key words: fingerlings, yearlings, carp, herbivorous fish, hematological indices, leukogram, biochemical characteristics.

Maidebura O.P. Methodology of first radiobiological and radioecological studies in Ukraine

The article describes the establishment of the methodology of radioecological and radiobiological research in Ukraine. It highlights the contribution of scientific research carried out at the Novorossiysk University and the works of the first radiological laboratory in the development of the methodology of radiobiological studies.

Key words: radiobiology, radioecology, Novorossiysk university, E.S Burkser, radioactivity, X-rays, Odessa radiological laboratory.

Moiseyenko V.A. Problems and prospects of rural green tourism in the Kherson region

The article considers the issues of the status, challenges and development prospects of green tourism in the Kherson region and its relationship with the solution of socio-economic problems in the region.

Key words: rural green tourism, farmstead, employment, business, social sphere.

Olifirenko V.V., Kozychar M.V., Volichenko Yu.N. The relationship between helminthofauna of commercial fish species and their food specialization under the conditions of the Dnieper-Bug estuary ecosystem

The paper presents the study of the extent of helminth infestation of major commercial fish species, analyzes qualitative and quantitative characteristics of helminthocenoses in Ukraine's only aquatic estuary ecosystem. It describes the extent and intensity of infestation and species composition of helminthofauna of different eco-trophic groups of fish that are commercial target species in the estuary.

Key words: aquatic ecosystem, estuary, fish helminthes, classes of worms, species composition of helminthes, degree of infestation, extent of invasion.

Pylypenko Y.V., Skok S.V. Zoning of the territory of Kherson based on indices of air pollution by exhaust gases

The paper considers the quality of atmospheric air, provides empirical data on the composition of pollutants, and carries out the zoning of the Kherson urban ecosystem.

Key words: air, emissions, contaminants, maximum permissible concentration, internal and territorial zoning.

Ryabkov S.V., Pavelkivska O.E., Usata L.G., Pavelkivskiy A.V. Changes in physical characteristics of soil under the influence of drip irrigation of vineyards in the Southern Steppe of Ukraine

The study determines the effect of drip irrigation of vineyards on the distribution of indices of soil texture density, quantitative and qualitative indicators of the structural condition of the southern heavy loamy chernozem in the southern Steppe of Ukraine.

Key words: southern heavy loamy chernozem, soil texture density, structural condition, drip irrigation, vineyard.

Bogatyryov K.A. International experience in regulating employment issues

The article considers some aspects of international experience in government regulation of employment. It focuses on the problems of employment in economically developed countries and on the ways of their solving.

Key words: employment, government regulation of employment, international experience, pattern of regulation.

Bolila S.Yu. Working out business development strategies in the bread production industry

Based on the organizational, economic and competitive analysis of companies in the bread production industry, the study identifies their missions and goals, works out a strategic business plan, and specifies measures for its implementation.

Key words: strategy, strategic planning, competitiveness, bread-baking plant.

Gavrilyuk V.T. The feasibility of using the method of hierarchical analysis for decision-making on innovation in enterprises

The article deals with the method of hierarchical analysis which involves decision making under bahatokrytorialnosti typical process of innovative solutions. The advantage of the method is the possibility T.Saati account both quantitative and qualitative characteristics of the object.

Key words: hierarchical analysis, innovations, matrix venture.

Galytskyi O.M. Strategic management of agricultural competitiveness through the cluster mechanism

The article presents the results of studies on cluster associations development in Ukraine's economy, including the substantiation of the feasibility of agro-clusters, identifying the problems of their establishment and development prospects. It also examines the impact of clusters on increasing national economic competitiveness, and the implementation of their investment and innovation capacity.

Key words: cluster initiatives, national economic competitiveness, economic instruments.

Gerasimenko N.V. Causes and consequences of tax evasion

The article discusses causes and factors underlying tax evasion, and reveals their essence. It differentiates between the concepts "tax evasion" and "tax minimization". Besides common causes of tax evasion, the article considers psychological factors and characterizes a type of personality refusing to pay taxes. It identifies a separate group of taxes where there is more room for evasion. The author proposes a number of changes to be introduced in the national tax system and policy.

Key words: tax avoidance, tax minimization, evasion reasons, factors of evasion, illegal, responsibility for tax evasion.

Gromov A.A. The influence of innovations on agribusiness competitiveness

The article investigates the problems of engaging agricultural enterprises in innovative activity. It presents a classification of innovations in the agricultural sector and determines the levels of competitiveness of agricultural enterprises in the market economy. The study assesses the efficiency of the innovative development of agricultural enterprises and proposes measures to improve methods of evaluating strategic competitiveness of enterprises based on the introduction of new production technologies.

Key words: competitiveness, innovation, investment, new technologies, agricultural production, agricultural market, agricultural products, government support.

Guz A.I. Formation of the production potential of the agro-industrial complex in the system of market relations

The article investigates the theoretical basis for the formation of the production potential of agricultural enterprises, distinguishes between the concepts of resource, industrial and economic potentials, and reveals their relationship in the hierarchy of today's market economy. It reconsiders the existing assumptions as to the formation of the production potential in agriculture and identifies its place in current market relations.

Key words: efficiency, potential, resources, agricultural production, development, innovations, planning.

Kovalyov V.V., Baisha K.M. The impact of competitiveness factors on the economic growth

The article considers competitiveness factors that influence the economic growth. Based on the economic environment of the economic entity and the factors of competitiveness examined, the study presents their classification at mega-, macro-, meso-, and microlevels.

Key words: competitiveness, factor, economic entity, economic growth.

Lebedeva V.V. Forming modern architecture of innovative provision in Ukraine's agricultural sector

The study is devoted to the solution of a timely scientific task of innovative development provision by forming modern architecture of an innovative system taking into account the generalization of relevant points and drawing up guidelines.

Key words: architecture of an innovative system, innovative development, innovative potential, innovative activity, concept, strategy, mechanism.

Lysyuk V.M., Sharapa I.V., Makarenko S.N., Oleinyk H.H. Substantiation of an optimal prediction model of the socio-economic development of the region

The article substantiates the efficiency and expediency of using the proposed prediction model of socio-economic development of the region that allows determining an effective indicator and take into account significant factors of influence, which will provide regional and national development in general and raise the quality of life.

Key words: socio-economic development, quality of life, the number of reported crimes, main assets, cost of living, wages, housing.

Loboda O.M., Kavun G.M. Topical problems of identifying the structure of enterprise management

The article considers a complex method of identification associated with the construction of an optimization model. It is aimed at using the production functions obtained for developing recommendations for decision-making regarding the allocation of resources between industrial sectors.

Key words: economic and mathematical modeling, control system, system identification, production functions, management optimization.

Mel'nykova K.V. The evolution of the concept "economic risk"

The article summarizes and systematizes modern scientific approaches to the evolution of the concept "economic risk", substantiates differences in their nature. It presents the author's approach to the concepts "risk" and "economic risk of commercial enterprises".

Key words: risk, economic risk, economic risk of commercial enterprises.

Morozov R.V. Methodological approaches to the formation of a strategic management system of rice production development

Based on the systems approach the article studies the issues of forming a strategic management system of rice production development. It considers the essence of the program-target method as the primary method of state and regional administration. Special attention is paid to the relationship between the management paradigm and public policy.

Key words: strategic management, strategy, development, rice production.

Mokhnenko A.S. Investment support for the agricultural development in the region

The paper considers the issue of investment support for the effective functioning of agriculture in the region, particularly farms. It develops and proposes the idea of setting up the Agency of investment and agricultural development, whose primary purpose is to encourage investment in agriculture.

Key words: competition, competitiveness, farms, investment, innovations, capital.

Mukhina I.A., Smolienko N.D., Khorunzhy I.V. Ecological and psychological factors of economic globalization

The phenomenon of economic globalization is viewed by scientists in terms of political, economic, scientific and technological development, population movement, etc. Never has globalization been considered as a certain type of economic relations between man and natural resources, that is from the ecological and economic point of view. The purpose of this paper is to determine ecological and psychological factors of the globalization process and its impact on nature management.

Key words: economic globalization, ecological and economic relations, psychological and ecological factors of globalization, nature management, scarcity of resources, economic union, stock association.

Petlyuchenko V.V. Theoretical foundations of competitiveness of co-operative enterprises

The article examines the term "competitiveness" and formulates the definition of competitiveness of agricultural co-operatives. The author analyzes indicators of product competitiveness and ways of its raising under the conditions of market economy transformation.

Key words: competition, product competitiveness, agricultural co-operative, quality, cost, price of competitive products.

Podakov Ye.S. Current problems and priorities of the state stimulation of innovative activities in the agricultural sector of Ukraine

The article determines the main directions of innovative activities of agricultural enterprises, which will enhance their performance efficiency, and proposes a system of measures for the implementation of innovative processes in the practice of agricultural enterprises.

Key words: agricultural products, agricultural enterprises, innovations, investment and innovative mechanism, competitiveness.

Prystems'kyi O.S. Methods and tools of economic security of production systems

The article considers the main challenges in the formation of Ukraine's economy and identifies key mechanisms of economic security for the Ukrainian society as a productive macroeconomic system. It specifies a system of methods of the economic security of production systems and their effectiveness. The author proposes the use of certain performance indicators of the economic security of production systems.

Key words: economic security, macroeconomic production system, performance indicators, national economic interests.

Romanyuk I.A. Current state and trends in labor resources utilization in agriculture

The study considers rural employment under the conditions of market transformation, trends in the use of labor resources in agriculture, and carries out the analysis of labor efficiency in agricultural production.

Key words: employment, rural population, transformation, agriculture, labor resources.

Synyakova K.M. Methodological guidelines for the development of personnel policies to ensure the effective professional makeup of enterprises

The article considers key positions of the methodological support for the professional makeup of an enterprise, investigates the factors of internal and external environment influencing the skill mix of the enterprise. Special attention is paid to the teaching methods, professional assessment and motivation in the tourism sector, and to the algorithm developed to ensure efficient occupational composition of the enterprise.

Key words: personnel policy, professional makeup, tourism, competencies.

Smutko A.M. Trends and problems of bakery production in the Kherson region

The article examines current trends in the development of the bakery industry in Ukraine and Kherson region in particular. It identifies key problems hampering the effective development of bakery production and outlines possible ways of improving technical, technological, economic and social efficiency of bakery production.

Key words: bakery production, bakery products; market of bakery products, integrated performance indicator.

Solovyova N.I. Specific features of the development of information systems supporting financial decisions

The article is devoted to the specific features of the development of information systems to support financial decisions. It considers diagnostic and prognostic steps in the information and expert system of supporting financial decision-making.

Key words: information system, expert system of decision-making, agricultural enterprises.

Stankevych Y.Y. The characteristic of an individual as a subject of information economy

The article views an individual as one of the main subjects of any economic system, and provides his/her basic characteristics. Special emphasis is laid on innovation, intelligence, creativity, partnership and self-education as contemporary manifestations of human activity in an information economy.

Key words: individual, information economy, human capital, intelligence, knowledge, creativity, scientific and technological progress.

Tanklevs'ka N.S., Oleksiyenko A.S. Sources of financing innovation activities of enterprises in Ukraine

The article analyzes amounts and sources of business innovation financing. It determines priority investment sources of innovation, and examines international experience in innovation financing.

Key words: financing, innovation activities, enterprise, financial resources, economy.

Temnyuk T.O. Methods for assessing the organizational culture of corporate enterprises

Today there is a need for a deeper study of methods for assessing the organizational culture of corporate enterprises. This is caused by many factors. The most significant among them is the fact that the organizational culture brings together a team of employees in order to achieve business objectives, and it results in a significant increase in overall productivity. This indicator is also necessary for specifying the requirements for the workers engaged in task performing and for encouraging certain types of their behavior.

Key words: organizational culture, corporate governance, enterprise, management, evaluation methods.

Tsurkan N. V. A retrospective view and current state of growing green mass of perennial grasses in farm units of Southern Ukraine

The article studies transformation processes and background of the development of green mass production of perennial grasses in Southern Ukraine. It provides data on a significant decrease in the area and gross yield of perennial grasses for green mass all over Ukraine.

Key words: perennial grasses, green mass, retrospective analysis, transformational changes, the regions of the South of Ukraine.

Shabatura T.S. Mechanism for providing financial security of poultry enterprises

The article investigates some features of developing and functioning of the financial mechanism for the implementation of enterprise security in poultry farming.

Key words: business, financial security, financial flows, efficiency.

Shaposhnykov K.S. Peculiarities of functioning of corporate network organizations in today's economy

The paper investigates the current practice of running corporate network organizations. It substantiates the characteristics of networking business.

Key words: corporation, corporate management, network, network organization, networking business.

Shepel I.V. Formation of the financial mechanism of social and economic programs of rural development

The article substantiates major elements of the financial mechanism aimed at specifying its main subjects, grouping of the main funding sources, and identification of priorities in funding programs that deliver maximum economic and social benefits to communities.

Key words: financial mechanism, funding sources, programs of socio-economic development, development priorities, social infrastructure.

Yarchenko Yu.V. The theory of economic cycles and the current global crisis

The article considers the unevenness of the economic development of a society because of the interaction of different cyclic and non-cyclic processes. The object of research is cyclic processes discussed in the framework of macroeconomic systems using a dynamic approach. The subject is the system of economic relations that arise in the course of the anti-crisis regulation of macroeconomic systems.

Key words: economic cycles of Kitchin, Zhuglyar, Kuznets, Kondratiev, industrial (business) cycle, Kondratiev waves.
