
ABSTRACTS

Bazalii V.V., Gontaruk V.T. Features of growth and development of the maternal lines of sunflower hybridization in areas under irrigation south of Ukraine

The article presents the analysis of the onset of phenological phases of plant growth and development of sunflower and dynamics of their height when grown in areas of hybridization. Communicated to the influence of the investigated factors sowing date and weather conditions at different hydrothermal conditions for years.

Key words: sunflower, the site of hybridization, the period of sowing, plant population, planting scheme, the interphase periods, the plant height.

Bazaliy V.V., Zhuikov O.G. Ecological and technological substantiation of the method of basic soil management for the cultivation of white mustard in the dry steppe

The article presents the results of research into the impact of basic soil management on the complex of phenological, biometric and utility characters of white mustard (*Sinapis alba*) cultivated under the conditions of southern Ukraine. The study identifies significant advantages of the mouldboard ploughing over subsurface cultivation, disking and combined method as to the plant survival rate, formation of the elements of yield structure, biological productivity, certified seed productivity, raw fat and mustard-seed meal yield.

Key words: white mustard, basic soil management, yield structure, seed productivity, oil percentage.

Bazaliy V.V., Kokovikhin S.V., Mykhalenko I.V. Simulation of the productive process of corn plants under irrigation using information technologies

The article presents the results of statistical analysis of experimental data on the productivity of corn for seed under optimal irrigation. It determines a significant impact of sowing time and plant stand on plant productivity. The dependences obtained can be used for modeling the productive process of corn: they correspond to linear regression equations and have a high correlation.

Key words: corn, irrigation, neuron networks, correlation, regression, model.

Bazaliy V.V., Pankeyev S.V., Zhuzha O.O., Karashchuk G.V. Manifestation of the characters of stalk length and resistance to lodging of winter wheat varieties depending on nutrition background

The article presents the results of research into the effect of nutrition background on stalk length and resistance to lodging in winter wheat varieties.

Key words: winter wheat, variety, nutrition background, stalk length, lodging resistance.

Bazalii V.V., Boychuk I.V., Larchenko O.V. Principles of adaptive selection of soft winter wheat

The studies established a valuable breeding material for future use in breeding

programs, and created and transmitted to the State Service for the registration and testing of soft winter wheat variety with high yield and adaptive potentials.

Key words: productivity, variety, perspective lines, plasticity and stability.

Averchev O.V. Economic efficiency of millet cultivation depending on preceding crops under irrigation in the Southern Ukrainian Steppe

The article features the results of studying the impact of preceding crops on the yielding capacity and economic efficiency of millet cultivation under the conditions of irrigation in the Southern Ukrainian Steppe. The findings show that pea appears to be the best preceding crop.

Key words: economic efficiency, preceding crops, millet, irrigation, Southern Steppe.

Biloshkurenko L.D. The current state of rapeseed and processing products production in the Kherson region

The paper provides the results of investigating the development of rape production, rapeseed processing as well as biodiesel manufacture in the Kherson region. It proposes ways of developing rape cultivation and biodiesel production on the farms of the Kherson region.

Key words: rape, market, processing, seeds, analysis, efficiency, biofuel, profit, prime cost.

Bozhenko A.I. Selection of hybrid alfalfa at the Nosivs'ka experimental plant breeding station (for the 100th anniversary of the station)

The paper provides the results of research into alfalfa (*Medicago sativa* L.) conducted at the Nosivs'ka experimental plant breeding station throughout the period of its functioning. It outlines selection methods used in breeding new varieties, and describes their biological and utility characters.

Key words: alfalfa, variety, breeding, hybridization, heterosis, selection, yielding capacity, winter-hardiness.

Vasylenko N.Ye. Economic evaluation of the efficiency of growing castor-oil plant varieties

The article presents the results of examining varietal agricultural practices of castor-oil plants of different maturity groups. The research determines optimal sowing time and plant stand as well as the effect of the factors under study on the growth and development of castor-oil plants of different maturity groups. It evaluates the productivity and quality of castor-oil seeds depending on the variety, sowing time and plant stand, and provides economic and energy assessment of varieties of different types of development.

High castor-oil plant productivity is a result of plant branchiness, hence an increased branchiness of the early variety *Khortyts'ka 3* and mid-early varieties *Hromada* and *Khortyts'ka 1* must be viewed as an important biological character requiring measures to develop both central and lateral branches. The study also shows that a density of 30 thousand plants per hectare increases one-plant productivity (seed mass).

Key words: castor-oil plant, variety, sowing time, plant stand, productivity, oil

yield.

Vozhegova R.A., Klymchenko M.S. Energy evaluation of the elements of cultivation technology of new rice varieties under the conditions of the Crimean Autonomous Republic

The paper contains the results of energy evaluation of the growing technology of new rice varieties of Ukrainian selection depending on sowing rates and mineral nutrition background. It proves the advantages of a sowing rate of 7-9 mln/ha, and mineral fertilization at $N_{120}P_{60}K_{30}$.

Key words: rice, cultivation technology, varieties, sowing rates, fertilization rates, energy indices.

Gamayunova V.V., Shepel A.V., Berdnikova O.G. Formation of winter wheat productivity depending on irrigation modes, fertilization and weather under the conditions of Southern Ukraine

The paper examines specific features of the formation of winter wheat productivity of the *Khersons'ka awnless* and *Odes'ka - 267* varieties under the influence of irrigation (moisture supply and vegetative irrigation) and fertilization background under the conditions of Southern Ukraine.

Key words: moisture supply, vegetative irrigation, biometric indices, productivity, foliar application, Tenso, Crystalon, net photosynthesis productivity, photosynthetic potential.

Glukhova N.A., Derebizova O.Yu., Tymchuk S.M., Suprun O.G. – Sugar content in the nectar of erucil and non-erucil forms of winter rape

The paper analyzes specific features of the composition of nectar sugars and nectar productivity of winter rape belonging to «00» and «+0» types. It also considers related problems of rape seed production.

Key words: «00» type, «+0» type, sucrose, monosucrides, nectar, nectar productivity, seed production.

Gorgan N.O. Phytopathological monitoring and prediction of the appearance of perenosporosis on seed plants of common onion under the conditions of the Nosivs'ka experimental plant breeding station

The paper presents the results of studying the climatic conditions of the vegetation periods of 2007 – 2009. The research identifies optimal periods of the appearance of perenosporosis on seed plants of common onion, and compares these periods through the years under study with the predicted ones. This contributes to improving the system of control of downy mildew of onion which includes taking the first protective measures in accordance with short-term predictions of the first visual signs of the disease.

Key words: onion, disease, perenosporosis, short-term prediction, epiphytotia, weather conditions.

Grabovs'kyi P.V. The impact of moistening conditions and mineral nutrition background on the area of assimilation surface of durum winter wheat plants

The article presents the results of research on the dynamics of the growth of the leaf area depending on the level of moistening and fertilization, and its influence on crop productivity.

Key words: winter wheat, fertilizers, productivity, moistening conditions, assimilation surface, increment dynamics.

Dzyubetskyi B.V. Zaplitnyi Y.D. Adaptive capacity and ecological stability of inbred lines of germplasm Ayodent, Laukon and mixing

The assessment of adaptive capacity and ecological stability of inbred germplasm Ayodent, Laukon and mixing. Revealed their adaptive capacity and marked the best lines for use in breeding work to create high-corn hybrids adapted to the conditions of the Western Steppe of Ukraine.

Key words: maize, inbred line, germplasm, adaptive capacity, the ecological stability.

Yefimova N.M. Afterharvest millet crop flooding in the agroameliorative field of rice crop rotation as a means of getting guaranteed yields

The paper presents the results of studying the impact of moisture supply and vegetative irrigation (by check plot flooding in the agroameliorative field of rice crop rotation) on the germination and survival rate of middle-ripening millet varieties in the afterharvest crop, as well as on the productivity and economic efficiency of millet growing. The research findings show that millet can be cultivated in rice crop rotation if it is irrigated by check plot flooding.

Key words: millet, check plot flooding, germination rate, survival rate, economic efficiency.

Zayets S.O., Onufran L.I. Response of different spring barley varieties to sowing time and plant protection measures in the Southern Ukrainian Steppe

The paper provides data on the effect of sowing time and plant protection on the productivity and grain quality of different spring barley varieties cultivated in Southern Ukraine.

Key words: spring barley, variety, sowing time, plant protection.

Izotov A.M., Tarasenko B.A. The effectiveness of the method blocks during multifactorial field experiments with winter wheat

It is shown that application of the method of blocks in the multifactor field experiments with a large number of options allowed to allocate a significant part of the local factor in heterogeneity of soil fertility within a recurrence, and significantly reduce the experimental error

Key words: multivariate field study, the method blocks, the variance, the yield of winter wheat.

Kokovikhin S.V., Gusev M.G., Donets A.O. Rape productivity formation depending on the integrated impact of agricultural practices under the conditions of the Southern Ukrainian Steppe

The article provides the results of field, laboratory and case studies of specific features of winter rape productivity formation depending on nitrogen fertilization

rates. The results include statistical analysis of experimental data using regression equations, and provide correlation coefficients reflecting a relationship between mineral nutrition and productive processes intensity.

Key words: winter rape, fertilizers, variety, productive processes, yielding capacity, statistical analysis, regressive models.

Kononenko V.G., Lavrenko S.O. White sweetclover plant stand formation depending on sowing rates and cover crop under rained conditions of southern Ukraine

The article considers the impact of the elements of the growing technology (cover crop, sowing rate) of biennial white sweetclover on the formation of its plant population on saline soils of southern Ukraine.

Key words: white sweetclover, sowing rate, pure sowing, cover crop, overwintering, survival rate.

Marchenko T.Yu. The display of heterosis in the 1000-seed mass trait in soya hybrids under irrigation in Southern Ukraine

The article features the results of studying the character of inheritance of the 1000-seed mass trait by hybrids of the first and second generations produced through crossing paternal samples belonging to different groups of maturity and having different genetic origin.

Key words: heterosis, hybrid, soya, crossing, 1000-seed mass.

Novak O.L. Productivity and water consumption of table beet cultivated as an afterharvest crop

The paper provides data on the yielding capacity and water consumption by table beet roots cultivated as an afterharvest crop depending on the presowing background, mineral fertilization, and plant stand.

Key words: table beet, mineral nutrition background, sowing time, plant stand, yielding capacity, water consumption, water consumption coefficient.

Onishchenko S.O., Almashova V.S. Specific features of the effect of microelements of boron, molybdenum, and *rhizotorphin* drug on soil fertility after garden pea harvesting

The article explores the effect of presowing pea seed treatment on the percentage of humus in the soil after harvesting. The research shows that presowing treatment of pea seeds with boron, molybdenum and *rhizotorphin* both separately and in different combinations increases considerably the amount and accumulation of humus in the soil.

Key words: pea seeds, humus, microelements of boron and molybdenum, soil.

Orlyuk A.P., Tselynko M.I. Identification of promising samples of rice at different stages of selection process

The study shows that samples with the productivity that was higher than the standard on the breeding plot reproduced their status (75.7%) in the most stable manner on the control plot too. The group of samples with the standard productivity on the breeding plot shows the greatest variability on the control plot; a considerable

number of samples get into the group of more (19.0%) and less (15.7%) productive than the standard.

Key words: seed sample, rice, identification, standard, yielding capacity, quality.

Silets'ka O.V. Reserves of raising the productivity of an old-age alfalfa field in the year of its ploughing

The article considers the results of three-year-long investigations of the expediency and efficiency of planting winter, early and late spring crops onto the old-age alfalfa field. The research was done at three nutrition backgrounds (without fertilizers, $N_{45}P_{30}$, $N_{90}P_{60}$).

Key words: old-age alfalfa, crops, nutrition background, fodder crops, yielding capacity, green bulk.

Usova Z.V., Didenko S.Yu., Zviagin A.F., Kopytina L.P. Variability of characters of ear structure and gliadine alleles in interspecific hybrids with the participation of amphidiploid *Aegilotriticum cylindroaestivum*

The paper features the results of studying specific features of the shape-forming process in interspecific hybrids with the participation of soft winter wheat varieties and AD *Aegilotriticum cylindroaestivum*. It identifies specific components of the gliadine range that will serve as markers of introgression of genetic material of amphidiploid in the genome of cultured wheat *T. aestivum*. The research conducted shows good prospects of using AD *Aegilotriticum cylindroaestivum* for developing new initial material different both in gliadine alleles and utility characters.

Key words: soft winter wheat, AD *Aegilotriticum cylindroaestivum*, hybrids, gliadines, introgression.

Fedorchuk M.I., Makukha O.V. Biological features of the growth and development of common fennel under dry conditions of the Kherson region

The article highlights specific features of the growth and development of common fennel under dry conditions of the Kherson region. It provides calendar dates of the main development phases of fennel; determines the duration of interphase, vegetation and technological periods in fennel cultivation; and calculates the totals of active and effective temperatures required for both separate phases and a full cycle of the development of fennel.

Key words: common fennel, interphase period, development phase, vegetation period, technological period of growing, total of active and effective temperatures.

Frolov V.V., Chynova L.Yu. The method of determining the relative drought tolerance varieties of melon

The developed method for assessing drought tolerance of melon by seed germination in sucrose solution with an osmotic pressure of 5 atm., which allows for accelerated assessment of drought-resistant varieties and distribute them to the group stability.

Key words: melon, drought tolerance, resistance groups, the method, the evaluation, selection.

Chernichenko M.I. The productivity of potato from minibulbs under different moistening conditions in the southern Ukrainian steppe

The study highlights the results of research into the efficiency of different irrigation modes (microsprinkling and drip irrigation) in the cultivation of potato from minibulbs.

Key words: productivity, irrigation, potato, minibulbs, moistening conditions.

Chernyshova Ye.O. The impact of presowing background and irrigation mode on physical properties of the soil in catch crops of millet and buckwheat

The study shows that the presowing background and irrigation mode have a significant influence on texture density of the soil and its porosity in the afterharvest crop of millet and buckwheat. The best soil tillage method for afterharvest crops appeared to be 20-22 cm deep ploughing, which provided optimal values of the physical properties of the soil. The application of stubble drills leads to the deterioration of the physical properties of the soil.

Key words: catch crops, millet, buckwheat, soil density, porosity, irrigation mode.

Shablya O.S. Procedure approaches to the identification of competitiveness of Ukrainian varieties of melon crops

The paper provides procedure approaches to the identification of competitiveness of different varieties of melon crops of Ukrainian selection as compared with foreign analogs, and determines indices of competitiveness.

Key words: competitiveness, melon crops, competitiveness rate, variety, selection.

Shevchenko I.V., Mynkina G.O., Gontar V.T. Potential risks of cultivating commercial vineyards

The article looks into the impact of major risk factors in commercial viticulture in southern Ukraine.

Key words: grape, young plants, soil fertility dynamics, bacterial cancer of grape.

Shepel A.V., Chernyshova Ye.O. Oil flax as an advance crop of catch cereals under the conditions of southern Ukraine

The study determines the influence of oil flax as a preceding crop for millet and buckwheat on water and physical properties of the soil. It shows that after oil flax harvesting, texture porosity and water permeability of the soil are poor; these characteristics can be improved through the application of different methods of soil tillage before sowing millet and buckwheat as catch crops.

Key words: oil flax, catch crop, advance crop, grain unit, aggregate water consumption.

Yarmak V.O. Response of plant height and aboveground biomass of corn hybrid *Paco* to the nutrition background and plant population

The article presents the results of examining the impact of nutrition background and plant population on plant height and increment of the aboveground raw mass of

corn hybrid *Paco*.

Key words: corn, hybrid, nutrition background, plant population, height, raw mass.

Yarchuk I.I., Bozhko V.Yu., Nevtrynis A.V. Winter-hardiness of winter barley depending on sowing time, sowing rate, mineral fertilizer dosage and ratio

The article provides the results of field tests on the study of winter-hardiness of winter barley depending on major technological practices and artificially created unfavorable wintering conditions – ground ice crust and lack of snow.

Key words: winter barley, varieties, sowing time, sowing rate, fertilizers, winter-hardiness.

Ryabinina N.P. Water use efficiency of tomato seedling plants depending on the background power and depth of the main ways of cultivation of the soil under drip irrigation in southern Ukraine

The paper examined the effectiveness of the use of water by plants of tomato seedlings, depending on the method and depth of primary tillage and fertilizer application rates are calculated for the planned crop. The basic technological elements of tomato cultivation, which contribute to the rational and efficient use of water on the formation of fruit yield.

Key words: tomato seedlings, drip irrigation, the main method of tillage depth, nutrition background, the total water consumption, water consumption rate.

Galushko I.A., Barkar' Ye.V. The application of entropy analysis in assessing live weight dynamics in Holstein heifers (foreign selection) of different lines

The study makes entropy and information analysis of live weight of Holstein heifers of different lines in different age periods. It shows that the climax of system disorganization in live weight in all the lines under study was observed at the age of nine months; at the age of 18 months the absolute entropy value was the lowest, which testifies to the consolidation of the trait due to adhering to the technology of raising young replacement animals.

Key words: entropy, live weight, growth, line, breeding.

Kropyvka S.Y. Percentage of fatty acids and phenols in the blood of heifers under alimentary load of selenium, zinc, and cadmium

The study examines the effect of different amounts and combinations of salts of selenium, cadmium and zinc on fatty acid composition of blood plasma of replacement heifers. It is determined that the level of some fatty acids in blood plasma is associated with alimentary load of sodium selenite, cadmium sulfate and zinc sulfate on the body of animals.

Key words: fatty acids, phenols, selenium, zinc, cadmium, heifers.

Luchin I.S. The system of linear hybridization of rabbits on the farms of the Carpathian area

The study shows that parent forms of the three-breed rabbit genotype

4/8ББ3/8МШ1/8 selected according to assessment indices display better reproductive characters under crossing compared to their peers in the stock. This will allow a 5-10% increase in the reproduction quality of rabbits on the farms and will strengthen their resistance to climatic and technological conditions of the Carpathian area.

Key words: genotype, fertility, heterosis, maternal and paternal forms, assessment indices.

Chygrynov Ye.I., Svyrydenko K.O., Svyrydenko O.I. Improvement of the production technology of nutria breeding products

The article contains the results of research on the effect of keep density on the parturition and lactation of females, fattening of young animals and matching of nutria.

Key words: nutria breeding, reproduction, fattening, technology, keep, grazing, productivity.

Adamen F.F., Pashtetsky V.S., Plugatar Yu.V., Strel'chuk L.M. Ecological optimization of systems of protective forest plantations steppe Crimea

Recommendations for the development of optimized systems of protective forest plantations Crimean steppe. The complex of agricultural and forestry activities, which provides the ability to effectively carry out afforestation areas, provide protection and rational use of marginal lands unsuitable for agricultural use.

Key words: optimization, forest plantations, shelterbelts, steppe forestation.

Alkhimova IO.M., Polishchuk V.S. Assessment of the impact of food supply development on fish productivity indices of ponds

The paper presents the results of investigating the impact of the development of natural food supply on fish production indices of rearing ponds. Based on the assessment of the actual condition of natural food supply, pond productivity under pasture aquaculture can be successfully increased through stocking density optimization.

Key words: natural food supply, bioproductive potential, fish productivity, rearing ponds.

Andrusenko I.I. Monitoring of control methods of the soil water regime

The study considers the existing methods of identifying major elements of water and physical properties of soils, their effect and reliability of indices in assessing humidity, density, porosity and other characteristics of the soil water regime. It specifies major principles of determining irrigation modes for agricultural crops, and outlines ways of improving the methodology.

Key words: humidity, density, water and physical properties, moisture capacity, water balance, utilization of natural resources.

Andrusenko I.I., Zadnipyryani K.O. Growth, development and productivity of grape under different irrigation methods and rates

The paper looks at the results of examining the growth and development of grape plants under different methods and rates of drip irrigation with the aim of saving water resources and directing them to the industry's development. The study

considers specific features of the development and location of the root system under different soil humidity, reveals advantages of drip irrigation as to the use of the fertile surface layer, and formation of the growth energy of grape plants and their productivity.

Key words: growth, root system development, aboveground mass, irrigation methods, irrigation rates, grape productivity.

Bespalova L.Ye., Rachkovs'kyi A.V., Cherevko Ye.V. Recommendations for the production of lyophilized virus and bacterial biodrugs

The study provides practical recommendations containing an improved technique and protocol of the production of lyophilized virus and bacterial biodrugs.

It is proposed to select the most effective stabilizer using the method of mathematical planning of the experiment with the help of a two-phase dispersion analysis. In this case, the impact of two simultaneously acting variability factors is studied.

Key words: viruses, bacteria, biodrugs, stabilizers.

Lyanzberg O.V., Pentylyuk R.S. Fish breeding and biological features of rearing the stocking material of carp fishes

The article presents the results of fish breeding and biological research that determined new methods of rearing carp fingerlings with a much higher body weight compared to the current standards. It substantiates the use of non-food fish (86-100 kg/ha) with the aim of improving the condition of natural food supply of rearing ponds.

Key words: fingerlings, carp, phytophagous fish, fish breeding and biological characteristics, natural food supply, fish productivity, profitability.

Pavlov V.V. Ecological and morphological analysis of plants of the *Caryophyllaceae* Juss family in the flora of the Northern Syvash area

The paper discusses the results and analysis of many-year field studies of the species composition and living forms of plants of the *Caryophyllaceae* Juss family in the flora of the Northern Syvash area.

Key words: Syvash area, flora, living forms, Caryophyllaceae.

Pylypenko Yu.V., Shakhman I.O., Demyanova O.O. Ecological condition of water resources of the Ingulets river

The study assesses the quality of water resources of the Ingulets river according to the indices of salt composition and tropho-saprobiological condition. It determines the class of water quality of the Ingulets river based on the integrated index of water pollution.

Key words: water quality, ecological condition, salt composition, integrated index of water pollution, tropho-saprobiological indices.

Bavyko O.Ye. Post-industrial paradigm of spatial organization of economy

The article is devoted to the analysis of the content of modern concepts of spatial organization of economy and its development: it identifies strengths and weaknesses of these concepts, outlines strategic tasks proposed by researchers of different

scientific schools, and discusses their organizational principles, major methods and tools.

Key words: spatial organization of economy, economic space, post-industrial paradigm, allocation theory, cumulative causality, cluster, network economy.

Bodnar O.A. Improvement of the system of management of social and economic development of rural territories

The study highlights and generalizes the questions of the impact of the current system of management on the development of rural territories of the Mykolayiv region, and outlines possible ways of its improvement.

Key words: rural territories, system of management, social and economic development, local government.

Ivanova N.Ye., Burkovs'ka A.V. – Major aspects of the strategy of management of profits of a company

The article examines and generalizes major theoretical issues as to the introduction of the strategy of management of profits of agricultural enterprises. It underlines the main advantages of using the strategy.

Key words: strategy of management of profits, strategic analysis, profitability, strategy development mechanism, monitoring of profits.

Kyrychenko N.V. The problems of introducing innovations in the performance of agricultural enterprises

The paper considers the concept “innovations”, and presents a classification of innovations based on their essence and sphere of application in the agro-industrial complex. It also identifies current problems in introducing innovations in the performance of agricultural enterprises, and proposes ways of their solving.

Key words: innovations, innovative activity of agricultural enterprises, innovative activity, innovative development, agroholding, agroformation, reinvestment money, innovative strategy.

Koval' S.V. Organization of accounting of investment activity in the agricultural sector

The article considers the issues of accounting of investment activity and investments in agriculture. It identifies directions and methods of accounting improvement through the optimization of correspondence of accounting records and forms of financial report.

Key words: investments, accounting, accounts, forms of report, consolidation, management.

Lebed' D.A. Scientific events forming the labor force of agricultural enterprises in the contemporary economy

We consider the formation of scientific activities and problems of the labor force of agricultural enterprises

Key words: labour resources, rural population, labour potential.

Loboda O.M. The use of production functions for economic analysis of the

performance of an enterprise with a fixed area of land

The paper provides general estimates of some production functions obtained by cross sampling at agricultural enterprises with a fixed area of land. It considers the estimates of production functions with limited factors associated with the application of methods of costs enlargement and specification.

Key words: economic and mathematical modeling, production functions, elasticity coefficient, border productivity, coefficient of multiple determination.

Makurina M.I., Burkovs'ka A.V. Analysis and ways of improvement of the system of pay (case study of the Mykolayiv region)

The article analyzes wages (arrears of wages) as a financial incentive of labor in agribusinesses of the Mykolayiv region. It proposes measures aimed at improving the system of pay and increasing its role in the system of effective motivation.

Key words: pay, arrears of wages, bankrupt business, wage fund of workers on the staff.

Oleksenko S.V. Modern approaches to the assessment of product competitiveness of farms

The article examines up-to-day approaches and methods of assessing product competitiveness. It proposes an improved algorithm of evaluating the competitiveness of farm products.

Key words: product competitiveness, agricultural products, assessment, methods, indices, farm.

Petrenko V.S. Analysis of the organization of financing of the system of seed farming in Ukraine

The study analyzes the current state and organizational aspects of the development of financing of seed producing enterprises in the system of national seed production. Analysis-based, the study identifies advantages and shortcomings of the given system, and outlines possibilities of their overcoming.

Key words: seed production financing, structure of seed production financing, royalty, public investment in seed farming, seed growing farm, seed market.

Podakov Y.S. Areas of government support for agriculture under modern conditions

Directions of state support of agriculture. The features of development of the state adjusting and support of agrarian food sector are explored in the conditions of market.

Key words: government support, agriculture, loans, subsidies.

Sakun A.Zh., Sakun K.V. Theoretical aspects of the organization, determination and estimation of operational cost accounting

The study highlights theoretical principles of the formation of operational costs in the system of accounting. It considers the conditions of their appearance, their types and estimation, and specifies their influence on the end result of business performance.

Key words: organization of accounting, costs, operational costs, system of cost

control, prime cost.

Sarapina O. A. Analysis of the main lines of the policy of current assets management in businesses

The article looks into the main lines of the policy of current assets management in businesses, and proposes procedure approaches and practical recommendations as to the improvement of stock control in businesses that are members of the market.

Key words: financial state, effective management, optimization, current assets, expenditure minimization.

Sevryukova S.M. The importance and problems of marketing research on the fruit market

The article is devoted to the procedure problems of doing marketing research in agribusiness, on the fruit market in particular. It explores the main kinds of marketing research conducted under current economic conditions.

Key words: marketing, marketing research, macroenvironment, microenvironment, competitiveness, system of marketing communications, agribusiness.

Sirenko N.M. Investment mechanisms of the innovative development of the agricultural sector of economy

The article analyzes the state of investment provision for the innovative development of the national agricultural sector and investigates venture financing possibilities. It substantiates Ukraine's joining EEN and the application of tax incentives in innovation financing.

Key words: investment, innovative development, agricultural sector, venture mechanism, tax incentives.

Tanklevs'ka N.S. Foreign experience of the functioning of the systems of deposit insurance

The paper identifies specific features of the formation and functioning of the system of deposit insurance in foreign countries as a factor stimulating the attraction of individual savings to a national economy. The study also reveals major regularities and considers unified rules of the functioning of the system of deposit insurance in EU member-states and in the USA.

Key words: deposits, insurance, depositors, banks, system of deposit insurance, system of deposit protection, foreign experience.

Fedorchuk O.M. The impact of resources supply on the performance efficiency of agricultural enterprises of the Kherson region

The study generalizes and systematizes the impact of material and technical resources supply on the performance efficiency of agricultural enterprises. It proposes ways of resolving the problems of the effective use of material and technical resources by agricultural enterprises.

Key words: resources supply, material and technical resources, state.

Khudoliy L.M. Ways of attracting private savings to the financial market

The paper explores theoretical and practical aspects of attracting private savings to the financial market. It outlines major directions of the stimulation of the attraction of private savings to the financial market.

Key words: savings, population, households, financial market, attraction, mechanism.

Chernyavs'ka T.A. The concept and essence of information safety and its place in the system of transport safety of Ukraine

The article analyzes the essence of the definition "information safety". It identifies the place of information safety in the system of national and regional transport safety. Based on the analysis of Ukrainian and foreign studies, the paper presents the author's understanding of the concepts of information safety, information security, and information protection.

Key words: information safety, transport safety, transport and communication system of Ukraine, information protection.

Sharko M.V., Medvid' A.V. Criteria for decision-making under the conditions of uncertainty

The article investigates the efficiency of a trading enterprise based on the improvement of the assortment of goods, and identifies factors influencing efficiency. It also outlines ways of increasing business profitability using the criteria for decision-making under the conditions of uncertainty.

Key words: enterprise, criterion, uncertainty, efficiency.

Shyrenko V.B., Petlyuchenko V.V. Theoretical principles of management of competitiveness of agricultural co-operatives

The article investigates the concept "management of competitiveness of an enterprise" and provides the author's opinion on the definition of management of competitiveness of agricultural co-operatives. The study identifies the aim, functions, process and levels of management of competitiveness of agricultural co-operatives.

Key words: competitiveness, management of competitiveness, agricultural co-operative.

Shuklina V.V., Vysochkina M.Yu. Major management techniques in construction companies

The study looks at the main methods and principles of construction business management. It analyzes their essence, effectiveness and impact on reaching the goals set. The paper also considers the mechanisms of employing these methods and managerial principles, and reveals their structure and meaning.

Key words: construction, construction company, construction management, managerial principles, management techniques.
