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## SUMMARIES

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**Averchev O.V. Effect of soil salinity on the development of millet and buckwheat plants in Southern Ukraine**

The article presents the results of long-term experiments on the study of buckwheat and millet plants response to their growth and development on saline soils of the Black Sea steppe of Ukraine. The research shows the possibility of cultivating cereal crops on saline soils.

**Key words:** saline soils, millet, buckwheat, biomass, yield.

**Babii Ya.V. Fennel seed yield depending on the row spacing under the conditions of the Western Forest-Steppe**

The paper presents the results of studies on the impact of row spacing on the length of the growing season and fennel seed productivity, and substantiates the expediency of cultivating this crop in the Western Forest-Steppe Zone. The research shows that fennel develops as an annual plant, the vegetation period being 118-135 days. An average maximum fennel seed productivity of 1.66 t/ha, based on two years of research, was observed on plots with a row spacing of 45 cm, and a seeding rate of 10 germinable seeds per meter of the row.

**Key words:** fennel, row spacing, seeding rate, growing season, seed productivity.

**Babych L.O., Samarin O.Ye., Ivaniv M.O. A comparative study of onboard reducers of a combine harvester**

The study determines the main diagnostic parameters of onboard reducers manufactured at the open joint stock companies «Kherson combines» and «Taganrog combine plant» and used in the self-propelled combine harvester K3C-9-1 "Slavutich". Laboratory tests are done in the environment similar to operating conditions. The paper provides practical recommendations on the possibility of using onboard reducers of domestic production in serial combines and increasing their technological quality.

**Key words:** onboard reducers, diagnostic parameters, noise, vibration, heating temperature.

**Bidnina I.A., Morozov A.V., Kozirev V.V., Tomnitskiy A.V., Vlashuk O.S., Shkoda E.A. Features of soil processes of the livery irrigated and withdrawn on irrigation soils**

In the article the results of researches on establishment are resulted orientation of soil processes on irrigated and earths withdrawn from irrigation or are not temporally irrigated. It is set, that after stopping of irrigation by waters of the II class of the Ingulets irrigation system is dominant conformity to the law the razsolontsevanie irrigated soils and improvement of their physical properties.

**Key words:** livery soil, withdrawn from land irrigation, salt extraction, exchange cations, closeness of addition, porosity.

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**Bukhalo V.Ya, Sukhova H.I. Spring barley productivity depending on the treatment of plants with growth stimulants**

The application of humic growth stimulants in spring barley cultivation has a positive effect on the growth and development of plants and elements of yield structure. Crop treatment with the ГК - 6М preparation helped to increase the grain yield of spring barley of the Dokuchaievskiyi 15 variety by 0.91 - 0.95 t/ha.

**Key words:** spring barley, humic growth stimulants, ГК - 6М, ГК - 4МК, ГК - КА, spraying of crops, yield.

**Halchenko N.M. Economic efficiency of growing perennial grasses depending on the way of using grass stands in the Southern Steppe of Ukraine**

The article provides the results of research conducted during the period of 2010-2014 on the main indicators of economic efficiency of growing perennial legume and cereal grasses and their binary mixtures. The highest level of profitability was obtained from seeding the grass mixture of alfalfa + intermediate wheatgrass of the Khors variety, and from the monospecific crop of intermediate wheatgrass of the Khors variety used for green mass, haylage and hay.

**Key words:** green mass, haylage, hay, alfalfa, intermediate wheatgrass, smooth bromegrass, cost, profitability level.

**Horenskyi V.M. Correlation and regression analysis of the elements of seed and forage productivity of creeping alfalfa**

The paper presents the results of research on correlations in the collection of strain samples of creeping alfalfa of different eco-geographical origin at the background of increased soil acidity.

**Key words:** alfalfa, correlation coefficient, regression, collection of strain samples, soil acidity.

**Zhuikov O.H. Dependence of quantitative and qualitative yield indices of mustard types on irrigation**

The article features the results of experimental research into the influence of irrigation on the seed productivity, oil content, oil and oil meal yield, and on basic sowing standards of alternative oil-bearing crops for the Southern Steppe zone of Ukraine - Indian mustard, white mustard, black mustard. The study determines the coefficients of water consumption and recoupment of irrigation water in the yield of these crops for the conditions of natural moistening and for irrigation.

**Key words:** Indian mustard, white mustard, black mustard, irrigation, productivity, oil content, oil yield, oil meal yield, sowing standards.

**Kerimov A.N., Donets A.A. Optimization technology of the winter rape in the unirrigation terms of the South Steppe of Ukraine**

In the article the results of researches are resulted with winter rape, which are directed on optimization of varieties composition, norms of sowing and background of mineral feed. It is set, that for the receipt of maximal productivity of plants it is necessary to rear sorts the Champion of Ukraine and Oksana with the norm of sowing 8-10 kg/ha, and on the hybrid of Emblems to bring her down to 4-6 kg/ha. High efficiency is provided by the calculation dose of mineral fertilizers and additional fertilizing of the Rostkontsentrat plants.

**Key words:** winter rape, of high quality, and norms of sowing, fertilizer, additional fertilizing, productivity, quality of seeds.

**Kovalenko A.M., Maliarchuk A.S. Economic efficiency of winter rape growing technologies under different methods of soil tillage and nitrogen fertilization rates**

The paper presents the results of experimental studies of the effect of different methods and depth of basic soil tillage, nitrogen fertilizer rates at the background of long-term use of moldboard, boardless and differentiated treatment systems in a crop rotation on the yield and economic indices.

**Key words:** winter rape, tillage method and depth, nitrogen fertilizer rates, economic indices.

**Kovalenko O.A., Chepak O.I. Biological features of summer savory (*Satureja hortensis* L.) and prospects for its cultivation in the Mykolaiv region**

The article considers the biological characteristics of summer savory (*Satureja hortensis* L.) and climatic conditions of the Mykolayiv region. Based on the problems studied, it makes conclusions about the prospects of growing summer savory under the conditions of this region.

**Key words:** summer savory (*Satureja hortensis* L.), essential oil, spices, Mykolaiv region, climatic conditions.

**Kozyriev V.V. Structural composition of soil under different elements of soybean growing technology**

The paper studies the impact of soybean growing technology elements on the agrophysical properties of soil under irrigation in southern Ukraine. It shows that phosphogypsum application at the background of antecedent moisture at 70-70-70% combined with watering with weakly mineralized water improves the structural condition of irrigated soils. This increases the number of both agronomically valuable and the most agronomically valuable aggregates, air-dry aggregates with a size of 0.25-10 mm, and water-stable aggregates larger than 0.25 mm, which slows down the processes of irrigation-caused soil degradation and favors stable soybean yield formation.

**Key words:** soy, agrophysical properties, dark chestnut soil, moistening conditions, soil tillage methods, phosphogypsum, productivity.

**Lavrynenko Yu.O., Dovbush O.S., Izdebskyi O.O. Effect of micronutrients on rice grain quality**

The article presents the results of studies on the effect of trace elements on rice grain quality. It finds that microfertilizer application improves the following characteristics of rice: weight of 1000 grains, vitreousness, crackiness, filminess, which generally improves product quality.

**Key words:** microfertilizers, crackiness, vitreousness, rice, weight of 1000 grains, filminess.

**Lymar A.O., Lymar V.A., Andreichenko L.V. Thermal and energy resources of southern Ukraine and their effective use**

The article examines the problems of using thermal and energy resources of southern Ukraine for increasing the efficiency of agriculture in the conditions of global warming.

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**Key words:** irrigation, agrometeorological conditions, photosynthetic active radiation, short crop rotations.

**Mareniuk O.B. Genetically determined quantitative traits of productivity and grain quality of spring barley varieties**

The paper determines breeding and genetic features (according to the components of genetic dispersion) of major quantitative productivity and grain quality traits of collection strain samples of spring barley of different eco-geographical origin in the system of complete diallel crosses. It identifies the components of genetic variance due to additive and dominant gene effects and heritability coefficients both in a broad and narrow sense.

**Key words:** spring barley, variety, combining ability, gene effects, heritability.

**Naidonova V.O. Formation of soybean nutrition background under different systems of basic soil tillage and fertilization**

The paper presents the results of experimental studies of the effect of different methods and depth of basic soil tillage at the background of long-term use of moldboard, boardless and differentiated treatment systems in a crop rotation, and seed inoculation on soya productivity formation.

**Key words:** soybeans, tillage method and depth, inoculum, nutrition background.

**Rozhkov A.O., Harmashov V.V. Indices of photosynthetic potential of spring triticale depending on the influence of seeding methods and rates**

The article features the results of three-year-long research into the effect of seeding methods and rates on the formation of photosynthetic productivity indices of the spring triticale variety Korovai Kharkivskiyi. It shows that strip seeding increases leaf area indices, photosynthetic productivity potential of crops, net photosynthetic productivity.

Under strip seeding, the parameters under study reached their maximum values at a seeding rate of 550 seeds/m<sup>2</sup>, whereas under row seeding it occurred at a seeding rate of 500 seeds/m<sup>2</sup>. The relationship established is due to the weakened competition between plants under strip seeding, which creates conditions for the full development of more plants per unit of cultivated area.

**Key words:** leaf area, flag leaf, seeding rate, seeding method, spring triticale, photosynthetic potential of crops, net photosynthetic productivity.

**Stepanova I.M. Influence of duration of saving of garden-stuffs of sowing tomato on the indexes of quality in the conditions of south of Ukraine**

The resulted results of researches in relation to influencing of different systems of fertilizer, ten- and twentydaily saving of harvest in no regular terms on maintenance of dry matters and ascorbic acid (vitamin "C") in the mature garden-stuffs of sowing tomato sort Novichoc at growing on watering soils of dark-chestnut soil south of Ukraine.

**Key words:** tomato, dry matters, ascorbic acid (vitamin "C"), garden-stuffs, saving, fertilizers.

**Telekalo N.V. Competitive technologies of growing pea in the right bank forest-steppe**

The article substantiates the main stages of assessing the competitiveness of the technology of growing pea in the right bank forest-steppe. It shows that seed treatment with

bacterial preparations, and the fertilization system envisaging the application of mineral fertilizers and foliar dressing increase the competitiveness of the cultivation technology.

**Key words:** pea, yield, competitiveness rate.

**Tishchenko A.V. Seed productivity of alfalfa depending on moistening conditions and application of growth regulator Plantafol 30 in the Southern Steppe**

The article provides the results of research on the effect of growing conditions on the seed yield of alfalfa varieties Unitro and Zoriana. The Unitro variety is characterized by the highest seed productivity both under drip irrigation and under natural moistening. The application of the growth regulator Plantafol 30 helped to increase the yield of both alfalfa varieties.

**Key words:** alfalfa, variety, seed productivity, growth regulator, drip irrigation.

**Ushkarenko V.O., Lavrenko N.M., Lavrenko S.O. Biological activity of soil under chickpea crops in different moisture conditions of southern Ukraine**

The article describes the influence of basic soil tillage depth, fertilizer rates and moisture conditions on the amount of carbon dioxide emissions from the soil and the degree of decomposition of linen in chickpea crops.

**Key words:** chickpeas, soil tillage, thickening of plant stand, mineral fertilizers, irrigation, carbon dioxide, decomposition of linen.

**Fursova H.K., Popov S.I., Avramenko S.V. Effect of in-sowing fertilizer application on grain yield of winter wheat after different preceding crops**

The paper provides the results of studying in-sowing fertilization rates in winter wheat crops of late sowing dates after occupied fallow, beans, soybeans, corn, and sunflower. It finds that  $N_{30}P_{30}K_{30}$  fertilization resulted in the most significant increase in grain productivity. The highest yield increase (23%) was obtained after sunflower, whereas the lowest (up 8%) value was observed after grain corn. The study also notes a more stable grain yield formation with a stability rate of 1.29 t / ha after sunflower, and 3.05 t / ha after grain corn.

**Key words:** winter wheat, preceding crops, in-sowing fertilization, grain yield, yield stability.

**Khomina V.Ya. Coriander sativum yield depending on the effect of individual elements of growing technology in the Forest Steppe of Ukraine**

The results of research on coriander sativum in the Forest-steppe of Ukraine show that the most optimal correlation between plant structure parameters (seed number and weight) and the number of plants per area unit was formed at a row spacing of 15 and 30 cm and a seeding rate of 50 seeds per meter. Average yield under two-phase harvesting was 1.85-1.87 t/ha. The highest essential oil content was obtained under wide row sowing at a rate of 10 seeds per meter.

**Key words:** coriander sativum, seeding rate, row spacing, harvesting method, yield, weight of 1000 seeds.

**Shkoda O.A. Dry matter accumulation by winter rape depending on the method of embedding winter wheat straw in the Southern Steppe**

The paper presents the results of research on establishing the impact of methods of embedding winter wheat straw as an organic fertilizer on the formation of dry matter of winter rape on irrigated lands of the Southern Steppe. It is determined that most favorable

conditions for the formation of dry matter and its average daily gain were observed under estimated rates of mineral fertilizers and moldboard plowing at the background of winter wheat straw embedding.

**Key words:** winter rape, dry matter, winter wheat straw, nutrition background, soil tillage.

#### **Bondaruk L.V. Brown Schwyz in the world. History and present time**

The paper examines the historical aspect of the origin, distribution and current status of the population of brown cattle in the world. It analyzes the influence of Schwyz cattle on the development and improvement of brown breeds of different continents, and describes the effectiveness of using Schwyz cattle in the breeding of highly productive breeds and types of cattle.

**Key words:** brown cattle, Schwyz breed, world gene pool, historical genesis.

#### **Vovchenko B.O. Fattening traits and meat productivity of young sheep of different genotypes**

The study makes a comparative evaluation of fattening qualities and meat productivity of ewe lambs of different genotypes at different levels of feeding. It determines that the potential of meat precocity of sheep of different genotypes is fully realized under full-value feeding. Here, specific genotype-based features of the accumulation of visceral fat in the carcasses of animals are revealed, which is to be considered when organizing sheep rearing and fattening.

**Key words:** lambs, slaughter properties, carcass weight, carcass yield, sex, genotype.

#### **Debrov V.V. Technical re-equipment and innovative technologies as the main directions of modern poultry farming development**

The study addresses the problems relating to the need of using modern approaches to poultry industry management.

It substantiates the necessity of technical re-equipment and expansion of production capacity, wide application of innovative advances in production technology, deep processing of poultry products, providing the industry with high-quality feeds and feed additives, creating marketing services to explore and meet the demands of the market, as well as its target formation.

**Key words:** technical re-equipment, innovative achievements, deep processing, marketing service, management efficiency.

#### **Pishchan S.H., Lytvyschenko L.O., Rozhkov V.V., Honchar A.A., Hutsuliak H.S., Kapshuk N.O. Productive and reproductive traits of Holstein heifers under different levels of milk production at an early laktopoez stage**

With their high productivity potential and individual response to the keeping conditions and sufficient feeding with full-value mixed feeds, Holstein heifers at an early laktopoez stage are characterized by low (29.4 kg), average (34.8 kg) and high (43 kg) average daily milk yield, which determines total milk production of 6189, 8052.3, and 18469.8 kg per lactation, respectively. Nevertheless, optimal duration of the service period (71 days), lactation period (305 days) and intercalving period (355.4 days) is observed in animals with average productivity.

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**Key words:** cow, live weight, lactation, laktopoez, milk yield, milk fat, milk protein, service period, intercalving period.

**Frolov D.O., Korzh O.P. Egg quality as an indicator of efficient performance of a pheasant farm**

The study shows a significant decrease in egg quality on the Kholodna Hora farm from 1993 to 2012: egg weight decreased by 12.77% ( $P < 0.001$ ), and the index of egg incubation fitness dropped by 8.29% ( $P < 0.001$ ).

The proposed index of egg incubation fitness reflects the tendencies of change in the overall quality of hatching eggs. Morphological parameters and indicators for assessing the quality of eggs could be used to evaluate the general condition of birds and performance effectiveness of respective farms.

**Key words:** weight, incubation, morphological parameters, quality, farm, birds.

**Khmelnychyi L.M., Vechorka V.V. Specific features of the exterior type of cows of Ukrainian red- and black-speckled dairy breeds**

Based on the results of the linear classification, the study provides a comparative description of first-calf heifers of Ukrainian red- and black-speckled dairy breeds by the exterior type. It reveals a reliable positive correlation between group traits and most descriptive points of the linear classification and milk yield.

**Key words:** exterior, linear estimation, frame points, dairy breed, first-calf heifers.

**Durova Yu.H., Heina K.N. Current state and ways to optimize the fishery of roach in the Dnieper-Bug estuary system**

The study provides information on the catches of roach in the Dnieper-Bug estuary system in retrospective, and at the present stage. It analyzes the qualitative and quantitative structure of the catches by the gear made from different materials, and shows that the use of monothread nets is a limiting factor in the replenishment of the commercial stock of roach.

**Key words:** roach, fishery, fishing area, fishing gear, mesh step, single thread fabric, nylon fabric, linear structure of catches.

**Yehorova T.M., Mokliachuk L.I. Temporal trend in the concentration of heavy metals in the soils of agricultural lands**

The study generalizes analytical and statistical approaches to tracking trace elements in the soils of Ukraine in the period of the past 50 years. It considers analytical results of the content of Ba, Pb, Cr, Mn, Ni, Mo, V, Cu, Zn, Sr, Co in the soils of agricultural lands in 1960-2011. The changes in the distribution of bulk and moving forms of heavy metals are identified for arable lands, hayfields and pastures. Temporal regularities between fluctuations of bulk and moving forms of trace elements and macronutrients are revealed.

**Key words:** heavy metals, soils, agricultural lands.

**Yaschenko S.A., Hrabovska T.O. Landscape patchiness and diversity of agricultural landscapes under different agromanagement systems**

The paper identifies a downward trend in the degree of agrolandscape plowing, in the size of habitats, as well as their more compact location under low-cost farming compared to costly agriculture. The low-cost farms under study took 3.3 times less area and had a 1.5 times less size of habitats compared to costly ones. Agrocenoses are the center of agricultur-

al landscapes of the farms examined. The study determines a relationship between the degree of landscape patchiness and diversity of buffer zones around the sampling points of biodiversity indicators and size and forms of habitats on the territory of farms.

**Keywords:** landscape patchiness, diversity, high-cost and low-cost farming.

#### **Betekhtina L.O. Development and implementation of competitive strategy of an enterprise**

The study determines factors and conditions that need to be considered and taken into account at specific stages of the formation of competitive strategy. This is extremely important and helps optimize the use of business strategic potential.

**Key words:** competitive strategy, enterprise's potential, management.

#### **Walter A.A. Diagnosis of the meat processing sector in Ukraine and measures for its development during the economic crisis**

The article evaluates the functioning and development of the meat processing sector in Ukraine during the economic crisis, as well as provides proposals for stabilizing the performance of the industry and overcoming the negative effects of the crisis.

**Key words:** meat processing industry, economic crisis, market of raw materials, consumption of meat and meat products.

#### **Virozub O.D. Features material flows in logistics systems in agricultural sector**

In the article the basic directions of trade flows, given the structure of the agricultural market, which has traditionally represented the three sectors model. The concept of "material flow", which summarizes the continuity of the products and changes in circulation and production and integrates a number of other concepts. We give objective reasons for scientific interest in the study of freight flows.

**Keywords:** material flow, logistics operations, agriculture, logistics infrastructure, farms, products.

#### **Hetman O.O., Dudkina T.V. Substantiating the selection of methods of financial planning for agricultural enterprises**

The article discusses and analyzes the most common definitions of financial planning, considers specific features of financial planning on farms. It describes the main methods of financial planning used in agribusiness and identifies the preconditions for their use. The authors have developed a logframe recommendation pattern for selecting an optimal method of financial planning for each of the agricultural activities of domestic enterprises in accordance with the Classifier of Economic Activities (CEA).

**Key words:** financial planning, financial planning methods, principles of financial planning, agricultural enterprises, CEA.

#### **Duga V.O. The experience of European countries in agro-tourism**

The features of, basic services agritourism enterprises in Europe, highlights the positive experience of the leading countries in terms of agro-tourism.

**Key words:** agritourism enterprise, services in agrotourism, categorization of accommodation facilities in rural areas, international experience in agritourism.

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**Karliuka D.O., Sysoienko I.A. Management of labor potential of enterprises using mathematical and information systems**

The paper studies methods and approaches to the management of labor potential of enterprises using mathematical and information systems, determines economic and mathematical components of the evaluation model of labor potential, and identifies areas for further research on the implementation of the model data using the software package Statistica.

**Key words:** economic and mathematical methods, labor potential, mathematical and information systems in economics, labor potential components.

**Kyrylov Yu.Ye., Barinov I.I. Ukraine's agricultural policy in historical context**

The article highlights the results of the examination of the agricultural sector and formation of agricultural policy of Ukraine in historical retrospective. It analyzes the lessons of the first and second world wars, and assesses the past from the standpoint of food security and formation of appropriate agricultural policy.

**Key words:** agricultural policy, grain, production, exports, agriculture, food security.

**Klochan V.V. Local government and local administrations: the interaction and the problem of separation of powers**

The questions of organization and functioning of local government and local administrations, their interaction and the problem of separation of powers. The main elements that influence the development of local government.

**Key words:** local government, public administration, local government functions.

**Kovalenko O.M. Evaluation of the efficiency of integrated performance of food businesses**

The article considers some approaches to the problem of economic integration, and identifies the main prerequisites of effective vertical integration. It also specifies obstacles to the effective application of the strategy of vertical integration that decrease the efficiency of vertically integrated corporate structure. The study provides the detailed calculation of integration efficiency.

**Key words:** integration, efficiency, strategy, assets, market mechanisms, risks, calculation, index, potential.

**Kolesnikova C. S. Directions enhancing enterprise competitiveness fishery complex Ukraine**

The article reviews the current state of the fisheries sector, its problems, difficulties faced by foreign investors. Emphasized the competitiveness of products as an essential component of the competitiveness of enterprises. A classic scheme of modern industrial development, which consists of three stages.

**Key words:** fish, attracting investment, foreign capital, development factor, structural reforms, industrial development.

**Kuzkina T.V., Pravotorov S.B. The current state and specific features of the development of the poultry product market in the Kherson region**

The article investigates the development of the poultry industry in the conditions of market transformation of agricultural production. It analyzes the state of the poultry industry

and considers the prospects for the development of poultry farms in the region. The study highlights the problems that do not allow poultry enterprises to fully exploit the economic potential of the region.

**Key words:** poultry farming, poultry stock, categories of farms, egg production, statistical reporting, poultry, profitability.

**Liashenko N.O. Economic efficiency of oat grain production in Ukraine and highly productive varieties as a factor of its increase**

The article investigates current efficiency of oat grain production in Ukrainian agribusinesses. It considers economic parameters of oat production depending on cultivation intensity and productivity. Data on competitive testing of different oat varieties at the Sinelnikovo selection experimental station are provided. The study makes economic evaluation of the efficiency of growing different oat varieties and proves the profitability of Konkur, Regbi, Iren and Spurt varieties.

**Key words:** oats, variety, productivity, prime cost, profitability, efficiency.

**Morozov R.V. Conceptual principles of strategic management of the integrated development of rice growing in Ukraine**

The paper reveals conceptual provisions of establishing the system of strategic management of the development of rice production in Ukraine. It determines the essence of the strategic management of the integrated development of the industry from the theoretical point of view.

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

**Morozova O.H. Specific features of market transformation of management of enterprise and a number of practical recommendations for enhancing the efficiency of their performance at the macro-, meso- and microlevels**

The paper studies the role of knowledge and information as a source of enhancing the efficiency of enterprise management. It proposes some theoretical approaches to the features of market transformation of business management that can be the foundation for practical recommendations for the effective functioning of enterprises at the macro meso and micro levels.

**Key words:** management, information, market transformation, inversion type, representative firm, macro-, meso-, and microlevel.

**Mukhina I.A., Khorunzhyi I.V. Social, psychological and resource components of the cooperative movement**

The article presents a generalized evaluation of social, psychological and resource components of co-operation and its place in modern economy.

The authors investigate the causes of cooperative movement emergence and develop models of the interaction of its components.

**Key words:** cooperation, component, analysis, capital.

**Naumova L.N., Naumov O.B. Formation of adaptive management quality raw materials enterprises of light industry**

The article have developed conceptual basis of quality control and formed practical advice for businesses wool industry on the formation of adaptive system of quality control.

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Further research should be aimed at developing specific intersectoral program of quality control of light industry.

**Key words:** quality management, light industry, raw materials, strategy.

**Pashchenko O.V. Financial strategy as a form of implementation of financial policy of shipbuilding industry development**

The article examines theoretical aspects of the interpretation of the essence of financial strategy and financial policy in the shipbuilding industry. It highlights the relationship between financial strategy and financial policies in the industry, and the basic principles of their formation. The study determines the object and subject of management of financial policy in shipbuilding and identifies activities and tasks of financial policy in the sector.

**Key words:** financial strategy, shipbuilding industry, financial policy, efficiency, management, financial relations.

**Petina L.V. Controlling system at agricultural enterprises**

The paper investigates the possibility of using controlling on farms. It studies its functions and importance in the management of investment potential as well as integrated associations.

**Key words:** investment activity, controlling function, investment attractiveness, accounting system, analysis, reporting.

**Pylypenko K.A. Legal aspects of solving the problem of global food security by public authorities**

The study substantiates the importance of the national agroindustrial complex in the formation of national food security. It identifies food security components and characterizes factors responsible for growing food prices in the world market. The paper classifies threats to the activation of the development of the agroindustrial complex and considers directions to ensure food security.

**Key words:** food security, food, population number, agricultural products, production.

**Podakov Ye.S. Tax policy in terms of the integration process, prospects of investment attractiveness of Ukraine**

Studied Ukraine's position in the global economy by international rating list. Modern changes in tax policy of Ukraine, their consequences and the impact on the investment attractiveness of Ukraine.

**Key words:** tax policy, investment attraction, integration, rating.

**Pokotylova V.I. Trends in the global food market**

The article studies the specifics of the global food market and its characteristics and trends. Particular attention is paid to the imbalance in global demand and global supply, analyzed the reasons for the rapid increase in global food prices, the impact of climate change on global food market development.

**Key words:** global food market, asymmetry, food, global demand, global supply, global price elasticity of demand, climate change, energy.

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**Potyshnyak O.M. Organizational-economic forms of integration of agricultural and industrial production and processing of wool**

In the article was developed organizational and economic mechanism of integration interaction of agricultural and industrial production and processing of wool, which is implemented in the organizational form of strategic alliance of producers and processors of wool and a single production complex network with centralized management, it covers the full cycle of production and sales of wool products that will enhance cross-sectoral communication, collaborative research, technology sharing, joint use of production capacity, sales of finished products.

**Key words:** agricultural and industrial enterprises, production and processing of wool, integration, organizational and economic forms.

**Potryvaieva N.V. The peculiarities of accounting and taxation of preparatory spring field works**

The features of accounting and taxation of certain types of spring field preparatory works for profit tax payers; VAT (except agrarian enterprises within the meaning of Art. 209 of the Tax Code of Ukraine) and for single tax payers are described in the article.

**Key words:** spring field work, accounting, taxation, profit tax, value added tax, single tax.

**Prystemskyi O.S. A mechanism for ensuring financial security of agricultural enterprises**

The article considers financial relations in the agricultural sector and problems of the development of effective mechanisms of forming the financial security of agricultural enterprises. It reveals important factors affecting the mechanism of financial security of enterprises.

**Key words:** financial security of enterprises, agricultural sphere, system development, economic benefit.

**Radchenko T.M. The current state and marketing features of the functioning of the domestic wine market**

The paper highlights modern marketing features and summarizes the issues of implementation of practical achievements of the effective functioning of the wine market, and identifies ways to improve the competitiveness of domestic wine products in the domestic and global markets.

**Key words:** grapes, grape wine, sparkling wine, vermouth, wineries, wine market, wine materials, import, export.

**Sihnatulin M.V. Mechanisms of investment cooperation between business entities of food industry in international trade**

The article explores the definition of investment cooperation. It determines major mechanisms of investment cooperation between business entities and provides the classification of factors affecting the success of their investment cooperation. The study also considers factors that will significantly increase the competitiveness of food products in the Black Sea region.

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**Key words:** indicators, factors, classification of terms, cooperating parties, investment cooperation, business entities.

**Soloviov I.O., Yashina I.M. Formation of an institutional mechanism for managing small business on marketing principles**

The paper highlights and summarizes the issues of the organization of marketing management in small businesses.

**Key words:** marketing, marketing management, marketing approach, marketing organization model, marketing department in small business.

**Stratichuk N.V. Social mobilization of young people as a tool towards sustainable development**

The article discusses the need for social mobilization of young people in Ukraine. An important prerequisite for sustainable development at the local level is the active participation of members of society in the formulation and implementation of local social policy. Awareness of the importance of solving a particular problem may become an incentive not only for the public approval of the actions of local authorities, but also for the active involvement of young people in a particular activity.

**Key words:** sustainable development, social mobilization, civil society, local government, community organizations, youth.

**Chervyakov I.M. Formation of cluster management regional economics**

The paper presents the organization stages of cluster formation. is a series of consecutive steps. Highlight areas where public policy is implemented to support clusters. Listed events that make up the implementation of the algorithm. with innovative organizational and project development of regional cluster.

**Key words:** cluster approach, management, regional economy, competition algorithm, progressive approach.

**Sherman Ye.M. Theoretical and methodological approaches to the evaluation of the mechanism of food industry development in Ukraine**

The paper highlights and summarizes the issue of the impact of theoretical and methodological principles on the evaluation of the functioning of the economic mechanism of development at food industry enterprises.

**Key words:** systemic approach, food industry, economic growth, economic content, raw materials, competition, management, development factors, sector of economy.

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