

### COOPERATIVE MOVEMENT: THEORY AND PRACTICE

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#### **85th anniversary of the Krasnoyarsk Union of Consumer Societies: Creative Economy and Development. P. 3.**

The article is dedicated to the 85th anniversary of the Krasnoyarsk Union of Consumer Societies, which simultaneously marks the 125th anniversary of consumer cooperation in the Krasnoyarsk Region, the 60th anniversary of the Cooperative College of Economics, Commerce and Law.

The authors argue that the Production and Procurement Complex of the Krasnoyarsk Union of Consumer Societies, acting as a strategic driver of social and economic development, contributed to the success of the organization in retail, public catering, foreign trade, and increasing its competitiveness in general.

**Key words:** ambitious strategy, creative economy, strategic driver, demand for a cooperative business model.

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#### **Educational Standards as the Key to the Development of Cooperative Business. P. 7.**

The article presents the draft educational standard "Cooperative business", which contains a list of necessary competencies and modules. The authors identify the current problems in training specialists for cooperation; describe the types of activities of cooperators and propose general professional, professional and universal competences they should possess.

**Key words:** rural areas, cooperative business, educational standards, cooperation, competence, training, labor market, shareholder in a cooperative, activity, module.

### TOPICAL ECONOMIC ISSUES

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#### **Monitoring the Development of Companies as a Factor of Creating Jobs in the Rural Areas of the Novosibirsk Region. P. 12.**

The article presents the results of the study of the sectoral structure of enterprises in rural areas. The authors also analyze the dynamics of creating new enterprises as one of the factors for reducing unemployment in rural areas of the Novosibirsk Region.

**Key words:** rural area, employment, labor market, unemployment, jobs.

## TECHNOLOGY, QUALITY AND SAFETY OF CONSUMER GOODS

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### **The Comparative Analysis of the Quality of Flour Supplied to Gomelkhlbprom OJSC and the Study of Non-Traditional Flour Types in Confectionery Production. P. 21.**

The article provides a comparative analysis of the quality of flour supplied to Gomelkhlbprom OJSC. The authors study flour samples and use them to bake bread. The expert quality assessment of bread made from flour samples under analysis is carried out on the basis of the reference scale developed. The paper also considers the possibility of using non-traditional types of flour for confectionery and proposes new types of confectionery products based on secondary types of flour with natural plant additives.

**Key words:** flour confectionery, nutritional value, non-traditional types of flour, recipe, biscotti cookies, gluten, expert quality assessment.

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### **Evaluation of the Quality and Competitiveness of Convenience Food Sold in Pyatigorsk Retail. P. 25.**

The article presents the results of examination of convenience food purchased in the stores in Pyatigorsk. The authors conduct the assessment of organoleptic, physical, chemical and marketing parameters. The competition among producers of convenience food is quite high, and the paper proposes a new methodology for assessing the product competitiveness with the use of economic parameters.

**Key words:** quality, competitiveness, convenience food, examination, food.

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### **Assortment and Quality Assessment of Hosiery in Retail. P. 31.**

The article presents the results of identification and comparative assessment of the quality of woolen socks of various manufacturers. The paper examines the range of hosiery in the retail chain «Cashmere and Silk» and considers consumer preferences in choosing these products. In their commodity research, the authors propose and use a new methodology for assessing cold-resisting properties of socks.

**Key words:** hosiery, quality, fiber identification.

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### **Improving Recipes and Technology of Culinary Products with the Use of Bracken (*Pteridium Aquilinum* (L.) Kuhn). P. 35.**

The article reveals the possibilities of expanding the range of food products through the use of wild-growing plants of the Far East, the use of bracken in the production of culinary products.

**Key words:** bracken, semi-finished meat products, pâté.

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**The Product Range Analysis and Comparative Assessment of Quality and Safety of Passenger Cars. P. 40.**

The paper assesses the compliance of product labeling with the requirements of regulatory documentation. The authors carry out the comparative assessment of quality and safety of economy cars: thickness and adhesive strength of the paintwork, hardness of the body material, brightness of the dipped headlights. In addition, the assortment structure, export, import, and competitiveness of cars sold on the St. Petersburg market are analyzed.

**Key words:** cars, merchandise assessment, quality evaluation, quality indicators, safety indicators, analysis of the assortment structure, analysis of export and import of cars.

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**Product Characteristics and Comparative Evaluation of Quality and Safety of Skin Care Products. P. 46.**

The paper examines product labeling and assesses the organoleptic quality indicators of face creams: concentration of hydrogen ions, mass fraction of water and volatile substances, colloidal and thermal stability. The authors also analyze the structure of the assortment and carry out the content analysis of the market for face skin care products sold in St. Petersburg.

**Key words:** face cream, merchandise assessment, quality examination, quality indicators, safety indicators, assortment structure analysis, competitiveness analysis.

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**Recipe Development for Protein Bars. P. 51.**

The paper examines the development of recipes of protein bars with different amounts of dietary fiber and analyzes ingredients in terms of composition, frequency of use in the confectionery industry, ease of use in production. The authors determine the amount of apple fiber in protein bars, which ensures dietary reference intake of fiber, and the nutritional value of three samples of protein bars developed by the authors.

**Key words:** protein bars, composition of protein bars, apple fiber, nutritional value.

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**Quality Assessment of Soft Drinks Produced By PO Zapsibcola LLC, Novosibirsk. P. 55.**

Drinks consumed by people every day throughout their lives play a significant role in nutrition and the quality of drinks directly affects the functioning of the human body. Non-alcoholic drinks are produced with the use of natural and synthetic raw materials, which has a big impact on their quality. In this regard, the examination of the quality of soft drinks in the food market of the Novosibirsk region is always an acute issue. The paper shows the results of the quality assessment of soft drinks sold by the PO Zapsibcola company, Novosibirsk.

**Key words:** soft drinks, quality of soft drinks, examination of soft drinks.

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**Quality Assessment of Chocolate Glazed Curd Bar Sold in Retail of St. Petersburg.**  
**P. 59.**

The paper provides a comparative assessment of the quality of chocolate glazed curd bars with a filling of different manufacturers. The assessment was carried out according to a set of indicators – organoleptic, physical, chemical, amine nitrogen. The authors present the results of the product assortment examination in retail enterprises of St. Petersburg.

**Key words:** chocolate glazed curd bar, quality assessment, quality indicators, labeling, dairy products market.

### SCIENTIFIC HERITAGE

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**How It Was ... (The Heritage of A. S. Turov – the Second Rector of NISCT–SibUCC).**  
**P. 63.**

The article is devoted to the second rector of the Novosibirsk Institute of Soviet Cooperative Trade – Siberian University of Consumer Cooperation, Professor A.S. Turov. It contains biographical information, data on his professional, pedagogical, scientific, managerial, and social activities. His legacy is the development of the University and its best traditions. In the memory of his colleagues, the rector remained an effective organizer, a devoted scientist, a wise mentor, and a widely educated man with high moral standards.

**Key words:** determination, World War II, front-line soldier, Moscow Institute of Soviet Cooperative Trade, consumer unions of Western Siberia, professor, department, rector, scientific and public activities.