

VOLUME 61, CONTENTS

ORIGINAL PAPERS

ŠPIČKA J., MACHEK O.: Change in the production efficiency of European specialized milk farming	1
URBANCOVÁ H., ČERMÁKOVÁ H.: The costs of Age Management in agricultural companies	14
KRANJAC M., SIKIMIĆ U., VUJAKOVIĆ M., MOLNAR I.: Cross border protection of the clusters' intellectual property in the agricultural sector	23
SOUNDARRAJAN P., VIVEK N.: A study on the agricultural value chain financing in India	31
CHEN Y.-H., WAN J.-Y., WANG C.: Agricultural subsidy with capacity constraints and demand elasticity	39
KOČIŠOVÁ K.: Application of the DEA on the measurement of efficiency in the EU countries	51
TYRYCHTR J., ULMAN M., VOSTROVSKÝ V.: Evaluation of the state of the Business Intelligence among small Czech farms	63
BADULESCU D., GIURGIU A., ISTUDOR N., BADULESCU A.: Rural tourism development and financing in Romania: A supply-side analysis	72
KANG H.: Agricultural exports and economic growth: Empirical evidence from the major rice exporting countries	81
JITEA M.I., DUMITRAS D.E., SIMU V.A.: An ex-ante impact assessment of the Common Agricultural Policy reform in the North-Western Romania	88
LAJDOVÁ Z., BIELIK P.: The evidence of asymmetric price adjustments	105
LU Y.-H., CHEN K.-H., WU C.-C.: Cross-country analysis of efficiency and productivity in the biotech industry: an application of the generalized metafrontier Malmquist productivity index	116
JENÍČEK V., GRÓFOVÁ Š.: The least developed countries – the case of the Congo D.R.	135
RUSNÁKOVÁ M.: Commodity price risk management using option strategies	149
ŽAMBERSKÝ P., ČAJKA R.: Taxation of exports – theory and practice	158
THOMÉ K.M., SOARES A.B.P.: International market structure and competitiveness at the malted beer: from 2003 to 2012	166
SINGH S., KIRAN R., GOYAL D.: Identification of key factors for enhancing competitiveness: an exploratory study of the selected agri-biotech firms of Punjab in India	179
SHEIKH M.J., REDZUAN M., SAMAH A.A., AHMAD N.: Identifying sources of social capital among the farmers of the rural Sindh province of Pakistan	189
PECHROVÁ M.: Impact of the Rural Development Programme Subsidies on the farms' inefficiency and efficiency	197
ZHANG B.: Is there co-movement between the China and US agricultural futures markets?	205
GOZGOR G., MEMIS C.: Price volatility spillovers among agricultural commodity and crude oil markets: Evidence from the range-based estimator	214

BECKMANN V., OTTO I.M., TAN T.: Overcoming the legacy of the past? Analyzing the modes of governance used by the Polish agricultural producer groups	222
JENÍČEK V., GROFOVÁ Š.: Least developed countries – the case of Burundi	234
ŠPIČKA J., SMUTKA L., SELDY R.: Recent areas of innovation activities in the Czech dairy industry	249
ADAMIŠIN P., KOTULIČ R., KRAVČÁKOVÁ VOZÁROVÁ I., VAVREK R.: Natural climatic conditions as a determinant of productivity and economic efficiency of agricultural entities	265
NOWAK A., KIJEK T., DOMAŇSKA K.: Technical efficiency and its determinants in the European Union agriculture	275
CHANG M.-S., WANG W., KUNG C.-C.: Economic effects of the biochar application on rice supply in Taiwan	284
RATINGER T., KRISTKOVA Z.: R&D Investments, technology spillovers and agricultural productivity, case of the Czech Republic	297
KUO H.-H., HO L.-H., LIN W.-H.: Do hog breeds matter? Investigating the price volatility in the Taiwan's auction market	314
KLŮFA J.: Economic aspects of the LTPD single sampling inspection plans	326
YASEEN M.R., QAISER I., KOUSAR N.: Comparative analysis of the animal products consumption in developing countries: the case study of the South Asian countries	332
KIRCHWEGER S., KANTELHARDT J., LEISCH F.: Impacts of the government-supported investments on the economic farm performance in Austria	343
KREJČÍ I., MAZOUCH P., VLTAVSKÁ K., KVASNIČKA R.: Age of machinery and equipment in the Czech agriculture	356
LAZÍKOVÁ J., TAKÁČ I., SCHWARCZ P., BANDLEROVÁ A.: Agricultural land market in Slovakia – economic and legal impacts of the Law No. 140/2014 Coll. on the land acquisition	367
SIKORA J., KACZOCHA W., WARTECKA-WAŻYŃSKA A.: Values and professional and ethical norms in rural tourism in Poland	377
HRON J., MACAK T.: Mixture design for food packaging in a modified atmosphere	393
HARČARIKOVÁ M.: Proposal of new outperformance certificates in agricultural market	400
KAPUSUZOGLU A., KARACAER ULUSOY M.: The interactions between agricultural commodity and oil prices: an empirical analysis	410
PAL D., MITRA S.K.: Impact of price realization on India's tea export: Evidence from Quantile Autoregressive Distributed Lag Model	422
LIANG L., LIN S., ZHANG Z.: Effect of the family life cycle on the family farm scale in Southern China	429
BLĄZEJCZYK-MAJKA L., KALA R.: On the combined estimation of technical efficiency and its application to agriculture	441
ABRHÁM J., STRIELKOWSKI W., VOŠTA M., ŠLAJS J.: Factors that influence the competitiveness of Czech rural SMEs	450

ZHAO D., LIU Z.: Analysis of the agriculture trade openness impact on the rural household's food consumption in China.....	461
KANG H.: A study on the relationship between international trade and food security: Evidence from less developed countries (LDCs).....	475
GRACIA A., DE-MAGISTRIS T.: The role of participants' competitiveness in consumers' valuation for food products using experimental auctions	484
SZABO L., GRZNÁR M.: Agriculture in the EU and position of the Slovak Republic	493
BOJAR W., KNOPIK L., ŻARSKI J., KUŚMIEREK-TOMASZEWSKA R.: Integrated assessment of crop productivity based on the food supply forecasting	502
BAKUCS Z., FERTŐ I.: Empirical tests of sale theories: Hungarian milk prices	511
LIU S., ZHANG S., HE X., LI J.: Efficiency change in North-East China agricultural sector: A DEA approach	522
CECHURA L., KROUPOVA Z., RUDINSKAYA T.: Factors determining TFP changes in Czech agriculture	543
HAN J.H., AHN B.: Multiple-regime price transmission between wheat and wheat flour prices in Korea	552
MA Z., XU R., DONG X.: World oil prices and agricultural commodity prices: The evidence from China	564

SCIENTIFIC INFORMATION

CHANG H.-H., WANG J.-H., MISHRA A.K.: Do farmers' old age pension programs affect farm production? Empirical evidence of dairy farms in Taiwan	533
GRZELAK A.: The problem of complexity in economics on the example of the agricultural sector	577