



Agricultural Journals

AGRICULTURAL ECONOMICS

Zemědělská ekonomika

[home](#) [page](#) [about us](#) [contact](#) 

us

Table of Contents

IN PRESS

**AGRICECON
2014**

**AGRICECON
2013**

**AGRICECON
2012**

**AGRICECON
2011**

**AGRICECON
2010**

**AGRICECON
2009**

**AGRICECON
2008**

**AGRICECON
2007**

AGRICECON

2006
AGRICECON
2005

AGRICECON
2004

AGRICECON
2003

AGRICECON
2002

AGRICECON
Home

Editorial
Board

For Authors

- **Authors Declaration**
- **Instruction to Authors**
- **Guide for Authors**
- **Copyright Statement**
- **Submission**

For
Reviewers

Guides for

**Reviewers
Reviewers
Login**

Subscription

Agric. Econ. – Czech

**M. Bož ík, I. Foltýn, I.
Zedníčková**

**Consequences of
applying the
Conception of the
Agricultural and Food
Policy to the year 2005
and effects of the
optimized allocation of
production in the
Slovak Republic**

In the paper, there is described using of the optimization models AGRO-3 SR for modeling food production chains in the Slovak Republic (the modified version of the Czech model AGRO-3) and ALOKA for optimal allocation of the domestic agricultural production computed by AGRO-3 SR into 4 different regions of the SR for simulation of consequences of various types of agrarian policies on the effectiveness of the Slovak agriculture to the medium-term horizon 2005. There are formulated and evaluated 4 scenarios for the model AGRO-3 SR and two alternatives A and B for the model ALOKA relating to all scenarios. Results of simulations have shown that the best result was reached in the scenario 4 by the price liberalization in the whole food chains.

Keywords:

agrarian policy, predictions, mathematical models, partial market equilibrium, optimization, regional allocation

[[fulltext](#)]

© 2011 Czech Academy of Agricultural
Sciences

XHTML1.1 VALID

CSS VALID