

USING AND DEVELOPING MODELS TO SIMULATE THE FUNCTIONING OF AGRICULTURAL STRUCTURES UNDER CAP REFORM

George UNGUREANU¹, Stejărel BREZULEANU¹, Carmen-Olguța BREZULEANU¹, Aurel CHIRAN¹, Elena GÎNDU¹, Ion-Valeriu CIUREA¹, Gabriela IGNAT¹

Email: ungurgeo@uaiasi

Abstract

Using and developing models to simulate the operation of the farm is a tradition and a very extensive practice both in Romania and abroad.

This paper addresses the adjustment of agricultural sector development strategy NE region of Romania, and national level, common agricultural policies, government support measures for supporting agriculture and ways to improve the structural reform of agriculture in international integration processes. Also described are the main indicators characterizing the technical and economic analysis of agricultural holdings and to solve a problem of optimizing the size of a farm. Knowledge of national and EU funding for agriculture and rural development, the advantages and constraints that apply to CAP uniform throughout the Community, the requirements of the new CAP reforms in line with market developments, are issues that require constant adjustment of management actions, circumscribed the ultimate goal of all activities, namely the increase of agricultural holdings and thus farmers' incomes.

Key words: models, simulate, agricultural structures, CAP reform

¹ USAMV Iași