



UNIVERSITY OF LIFE SCIENCES "KING MIHAI I" FROM
TIMISOARA
"YOUNG PEOPLE AND MULTIDISCIPLINARY RESEARCH
IN APPLIED LIFE SCIENCES"



"Young people and multidisciplinary
research in applied life sciences"

16-17 November 2023

STUDIES ON THE SITUATION OF AGRICULTURE IN THE WESTERN REGION

TABITA ADAMOV, TIBERIU IANCU, ADELINA VENIG, RAMONA CIOLAC, CAMELIA MANESCU

University of Life Sciences "King Mihai I", from Timisoara, Faculty of Management and Rural Tourism

Abstract: Agriculture has remained a priority branch of the material production, the socio-economic development of the contemporary world being in a close dependence relationship with the performances obtained in agriculture, can not being conceived outside the ongoing development of this production sector.

Agriculture represents the third economic branch, as importance, both at national level and at the level of the West Region, representing 10.86% from the total GDP realized at regional level, in 2021 (services – 79.00% and industry – 10.14 %). Agriculture remains therefore, a key field of reference of the regional economy.

• Introduction

For West Region, agriculture is considered as one of the most relevant resources of the development. In this regard a special importance should be given to increasing the crop and livestock productions and also to agricultural productivity in order to create a competitive agricultural market.

West Region represents 12.74% from the agricultural surface of the country, having an important capitalization potential. However, at regional level it can be seen differences among the counties, in the counties of Timis and Arad, the nonagricultural surfaces being superior both qualitative and quantitative, with those from Caras-Severin and Hunedoara counties. So, agriculture finds good conditions for development in the most part of the region's territory.

• Material and method

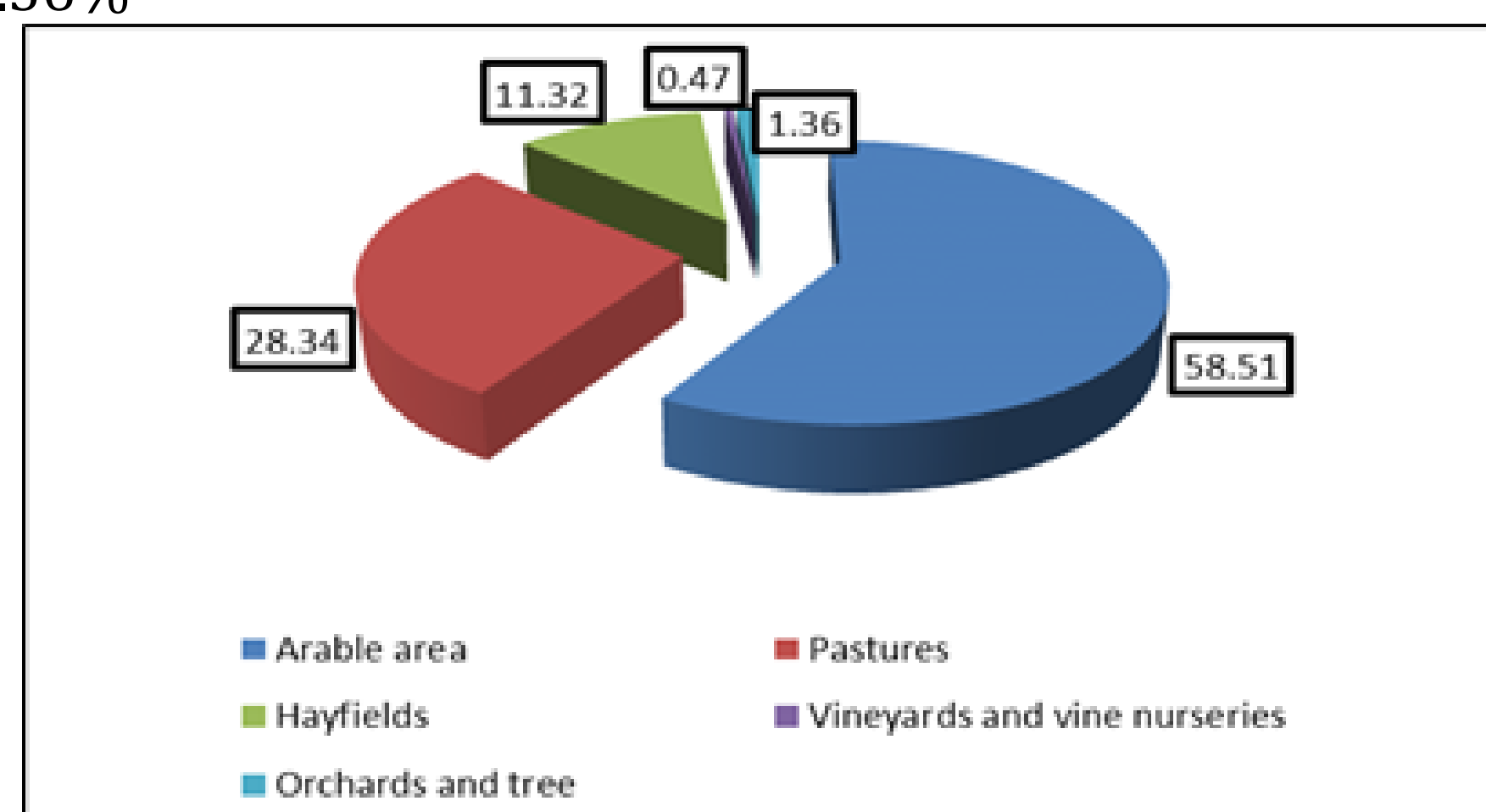
Research methods used in this scientific paper are: the analysis and synthesis as well as the comparison in time and space. These methods allow the collection of data regarding the main features and trends of the agricultural activity, allowing the establishment of a causal analysis of the agriculture from the studied area and developing policies and strategies for its development

• Results and discussions



Western development Region consists from four counties (Arad, Caras-Severin, Hunedoara and Timis) occupying 13.43% from the country's territory. West Region was formed in 1998, having the role of coordinating the regional development projects and management of funds from the European Union.

The agricultural area of West Region is 1.8694 million hectares representing 58.19% from the total surface of the region and 12.74% from the agricultural area of Romania. The structure of agricultural area, by the way of use, at the region's level presents as follows: arable 58.51%, pastures 28.34%, hayfields 11.32%, vineyards and vine nurseries 0.47%, orchards and nurseries 1.36%

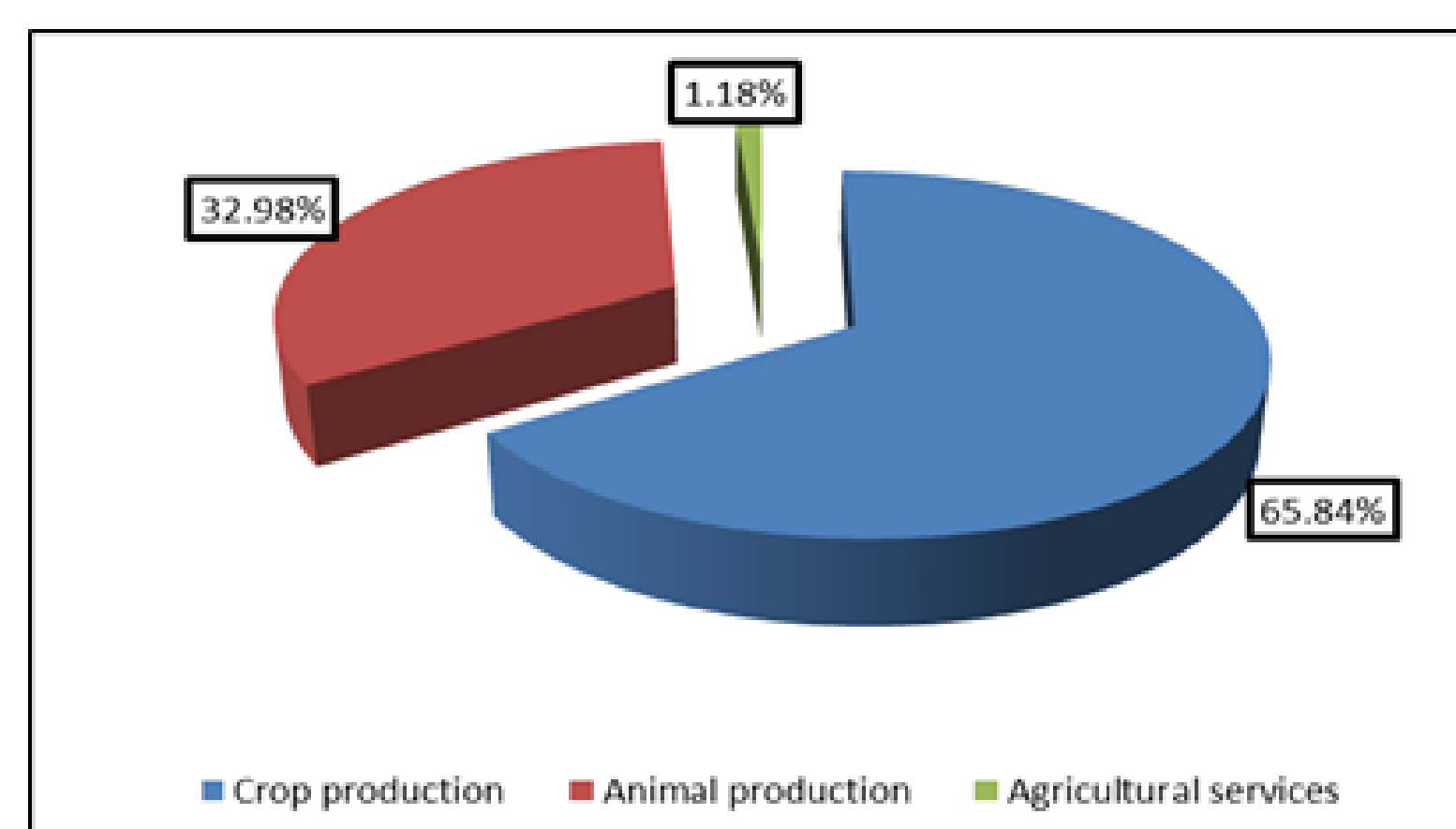


The structure of agricultural surface, by category of use, West Region, 2021

The employed population in agriculture at the level of 2021 numbered 193400 people, representing 23.1% from total of employed population of the region (compared to 27.33% at the level of the entire country), decreasing compared to previous years. Proportionally, the largest agricultural population is found in Timis County (35.47%) and Arad (23.11%). The share of the employees from agriculture in the total number of employees varies between 20.84% in Caras-Severin County and 23.56% in Hunedoara County.

An important feature of the population employed in agriculture is the high average age, a common feature, at national level, not just regionally. The workforce employed in agriculture, is formed, in many cases, from persons without adequate specialized training, fact felt more acutely at the assimilation of new production technologies. In addition, many from the heads of individual farms have not the basic knowledge in the field of agricultural business organization.

In the year 2021, the number of agricultural holdings from the West Region was 269727. The average dimension of the exploited surfaces at regional level, on agricultural holding was 6.32 ha.



The structure of
agricultural
production, the
Western Region

The structure of agricultural production in the region level indicates that, the vegetable sector represents 65.84% from the total of regional agricultural production, the same with 65.83%, the value registered at national level.

Capitalizing agricultural production is a global problem of farmers, at national level. Poor organization of farmers in specific structures, of the domestic competitive agricultural market with European ones, and the insufficient regulation of the relationship producer - seller, causes a reduced capitalization of the agricultural products obtained.

•Conclusions

The agriculture of West Region has a particularly important role in the whole of the regional economy, with direct implications on the living standards of the population and food safety.

The agricultural potential that the West Region has is a remarkable one, having large agricultural areas and soils of very good quality. Even if at present the region's agricultural potential is not yet capitalized, at its potential, it can become in the future, one of the most attractive offers of the region, for foreign investors

Further development, of agricultural activities, requires the establishment of some production agricultural competitive structures and the development of some complex forms of association and cooperation focused on the principles of a agricultural market competitive with those of other states member of European Union.