

STUDIES ON THE DEVELOPMENT OF AGRICULTURE IN OLT COUNTY

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ABSTRACT

In this paper we present a study on the future of crops and socio-economic situation in four villages located in two regions of southern Romania: Traian Caracal Plain and Șerbănești and Crampoia Romanaților Boianului Plain and a study on zoning of agricultural production. The four localities differ both socially and economically although very close in terms of geographical and natural conditions existing.

Also, some of these settlements were applied principles of sustainable development in others not, but they should have a similar development.

INTRODUCTION

In the last 25 years witnessing tremendous changes in all geographic areas of the world.

One of the levers consumer economy development was promoted very strongly in China , Turkey, countries in the Far OriNet based on short term investment , but also on productive work . Many people and even whole societies , have imagined that commercial activity is a source of prosperity, thus neglecting the production of goods . We could say that natural resources were instrumental value only in survival and less development (Russia, Romania) .

It is clear that the countries that had the account term sustainable development in all fields, have been successful . Countries that have neglected this term are in economic crisis. Approach to sustainable development is true for micro zones or localities . There are places very close geographically , so the same natural resources, but developed very differently.

Sustainable development was conceived as a solution to the ecological crisis caused by intense industrial exploitation of resources and the deterioration of the environment and seeks primarily preservation of environmental quality .

Today, the concept has expanded the quality of life by sharing the wealth between developed and less developed, providing a decent living for millions of people in danger, where the planet seems already asphyxiated by overexploitation of natural resources, especially as to do to send a healthy planet for future generations.

MATERIAL AND METHOD

In 2008/2011, we conducted a study on the geographical zoning , crop development and socio-economic situation in the four towns: Caracal, Trajan Șerbănești and Crampoia .

Caracal is the most important settlement in the Plain Romanaților , where agriculture and cattle breeding were the main occupations since prehistory .

Traian village is situated in the center of Olt county , being at a distance of 10 km from Caracal, with an area of 27 km, where agriculture has 2537 ha .

Serbanesti village is situated in the plain between the river Boianului plateau and river Olt Slatina- Horseshoe Road sees red and the Vedas.

Located on the southern edge of the plain Boianu territory experienced the same training process as a whole Romanian Plain . The landscape is a plain morphogenetic platform is characteristic of type Vlasia.O valleys in this part of the Romanian Plain is the their depth and more southward meander .

Crampoia village is situated in the central - eastern Olt county , about 40 km from Slatina. Given the geographical location of the village Crimpoia in a plain area and the climate and soil conditions existing here has developed an intense economic life centered on the exploitation of agricultural land.

RESULTS Based on the statistical data we calculated the total production, the average yield of crops under study in each locality of the three micro-areas studied.

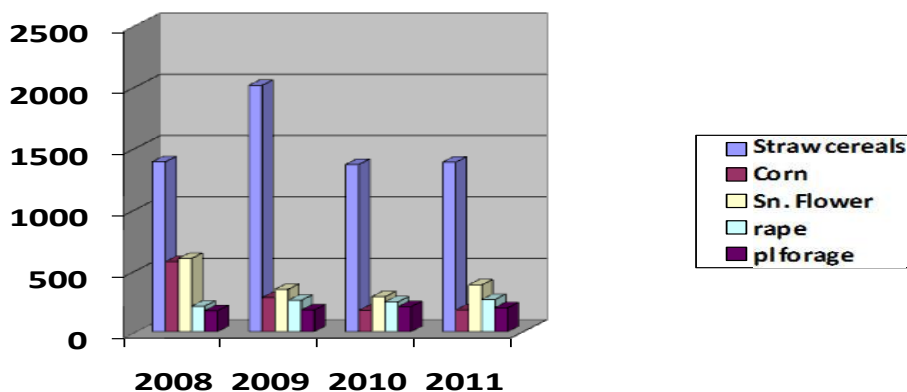


Fig.1. Evolution of total production in 2008-2011

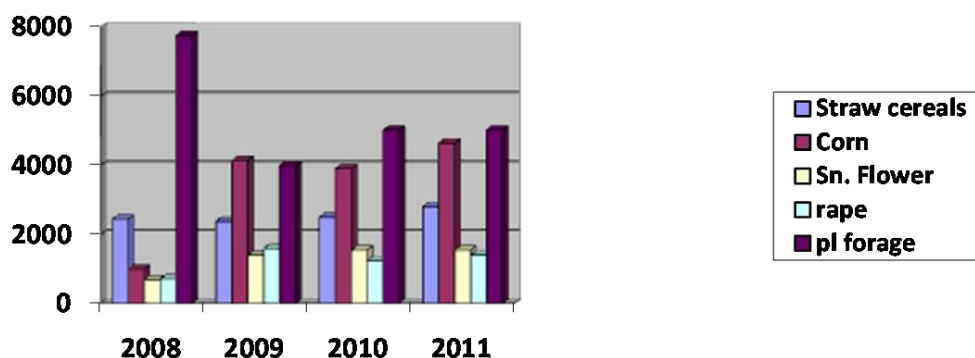


Fig.2 Average evolution of production in 2008-2011

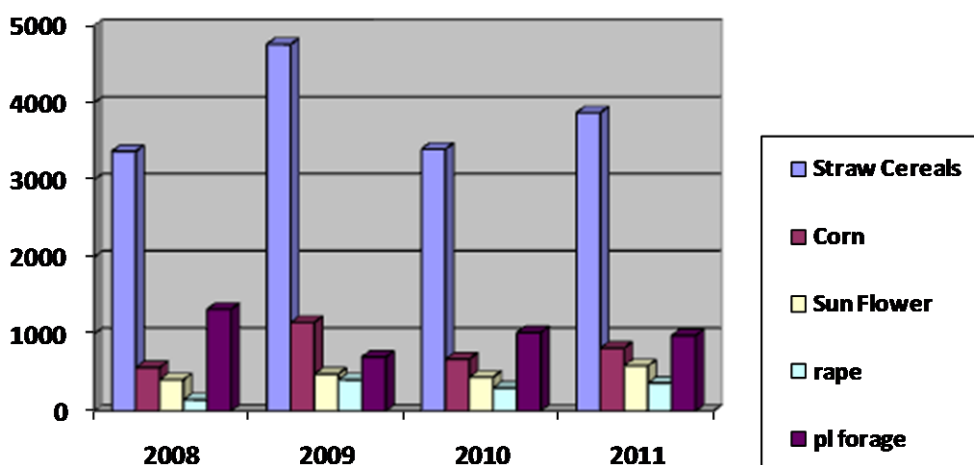


Fig.3. Evolution of total production in 2008-2011

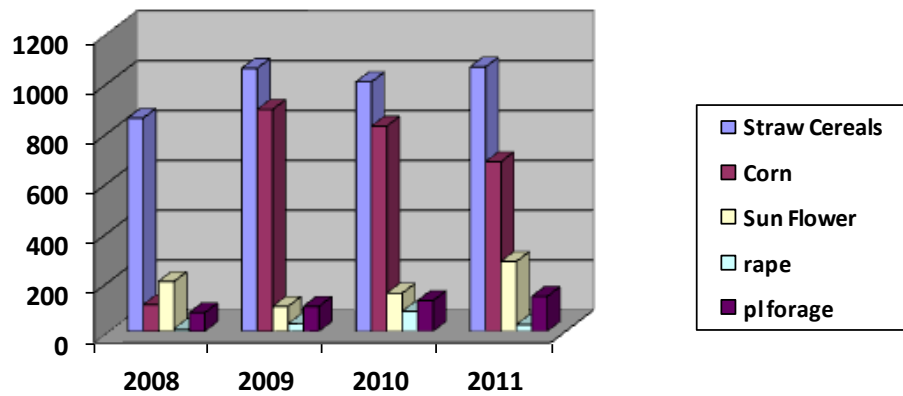


Fig.4.Evolution Of Surfaces In Period 2008-2011

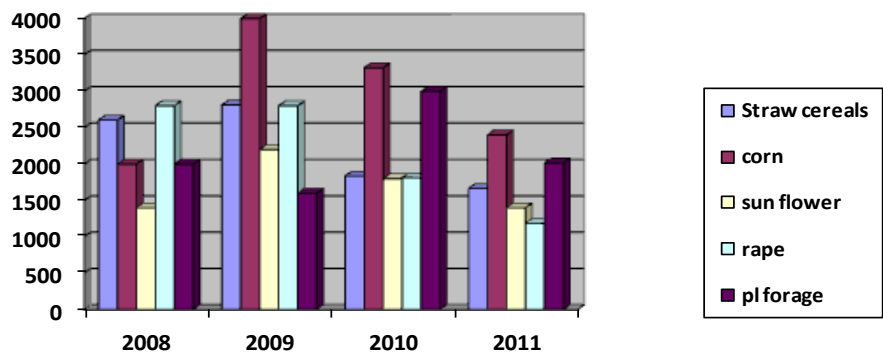


Fig.5. Average evolution of production in 2008-2011

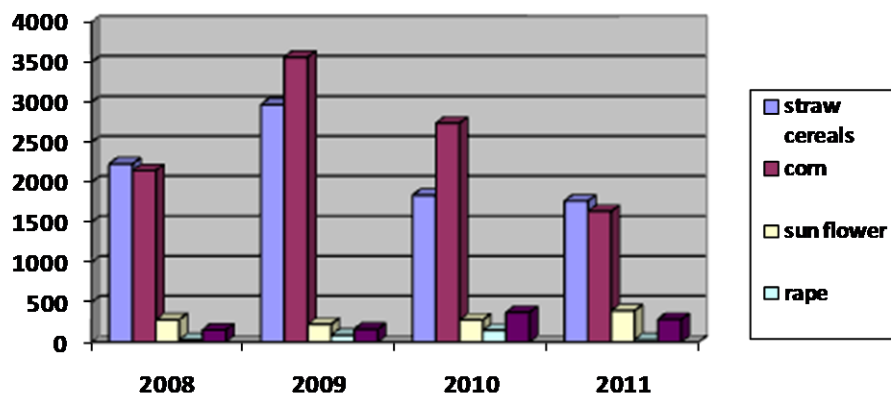


Fig.6. Evolution of total production in 2008-2011

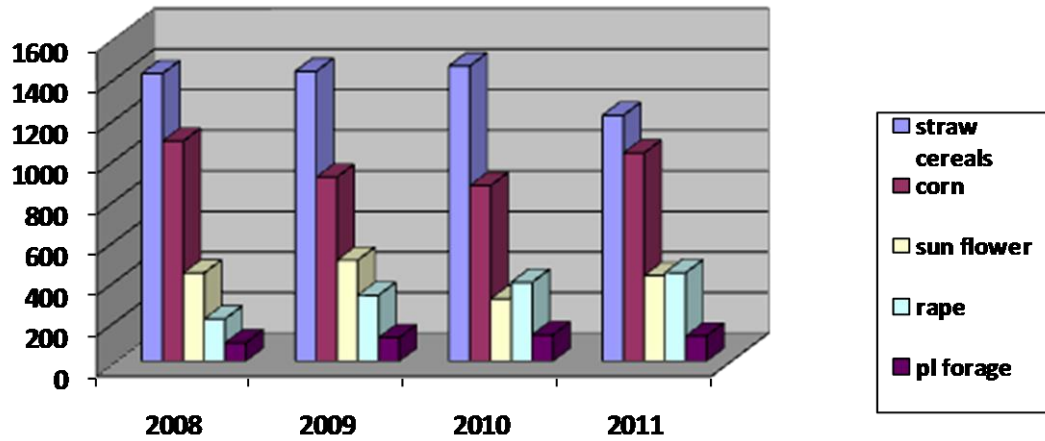


Fig.7.Evolution Of Surfaces In Period 2008-2011

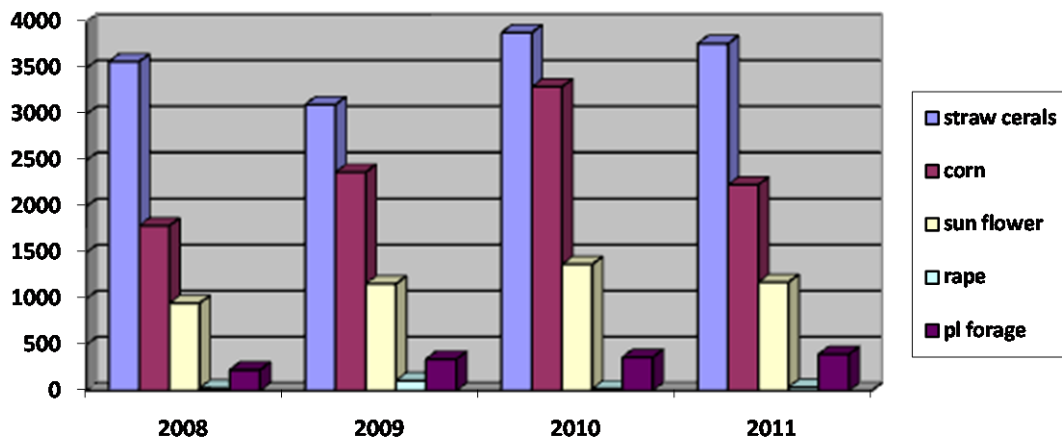


Fig.8. Average evolution of production in 2008-2011

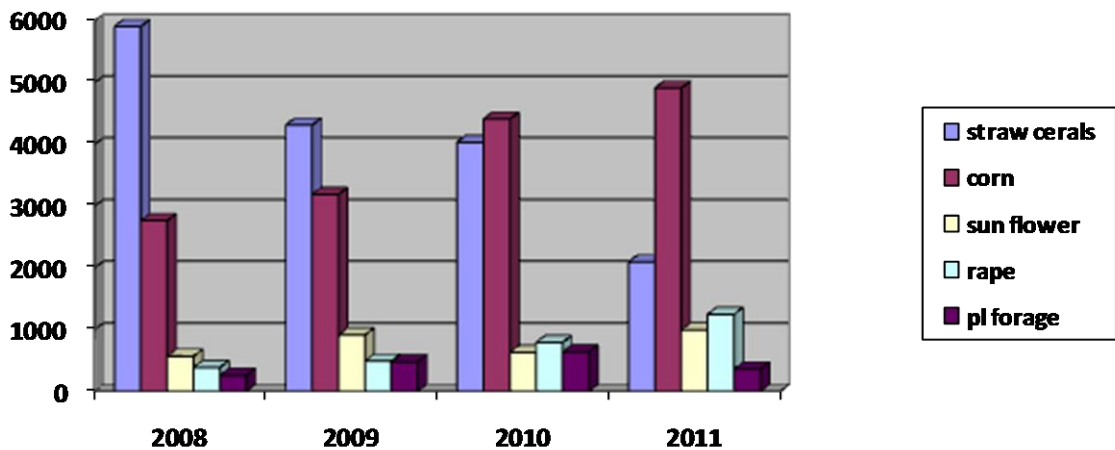


Fig.9. Evolution of total production in 2008-2011

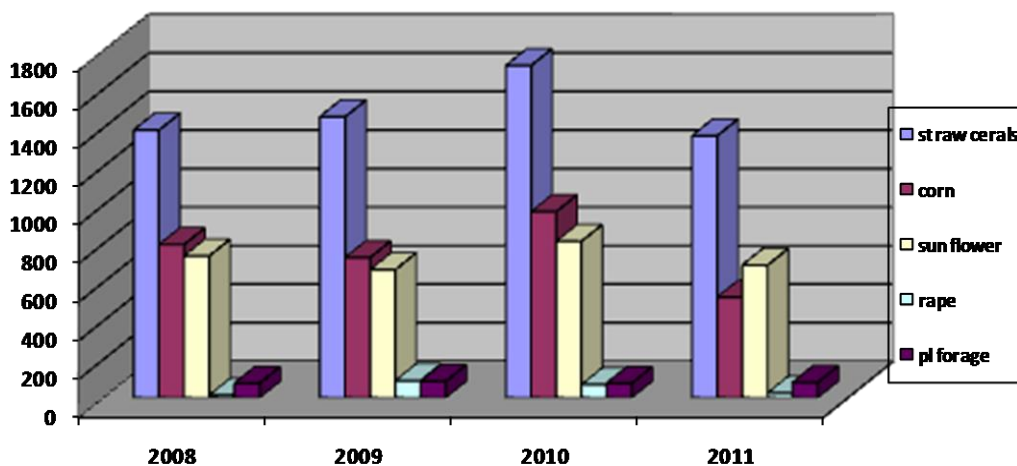


Fig.10.Evolution Of Surfaces In Period 2008-2011/

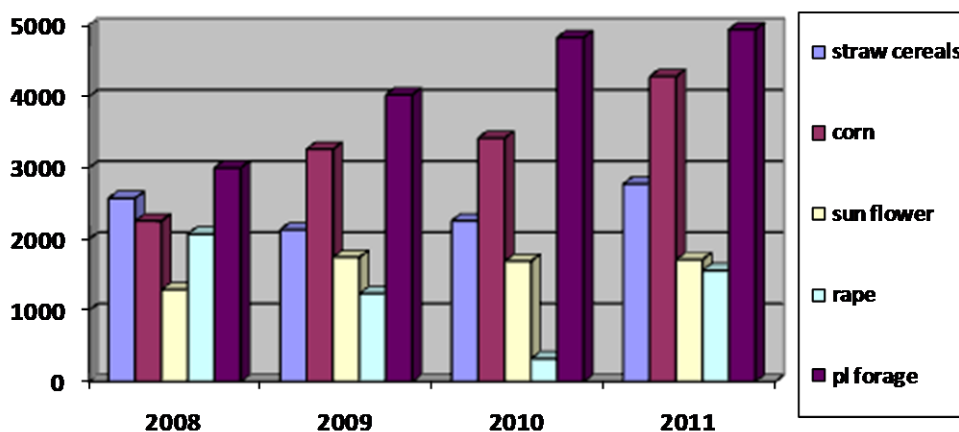


Fig.11. Average evolution of production in 2008-2011

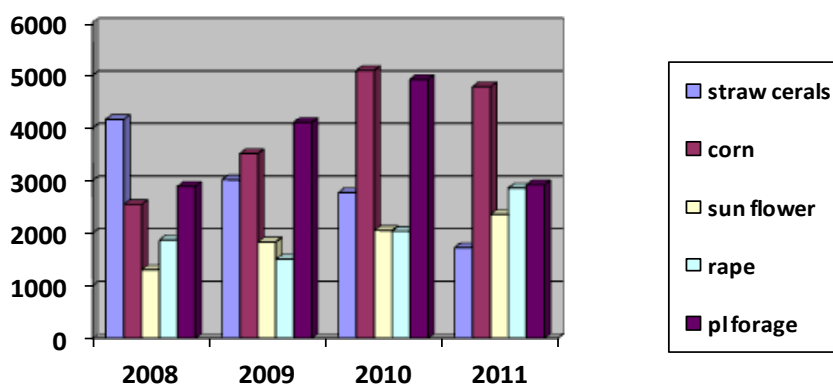


Fig.12. Evolution of total production in 2008-2011

CONCLUSIONS

1. Localities , Caracal, Traianu Serbanesti Crampoia are placed in the most fertile microzones Southeast Oltenia on chernozem soils well supplied with nutrients ;

2. Caracal and Serbanesti localities are developed socially and practice advanced agriculture ;

3. Traianu towns and Crampoia , are less developed though in the natural and social conditions identical ;

4. In the structure of crops , wheat occupies the largest surfaces in all locations studied , following , as a percentage , areas planted with sunflower, corn and rapeseed ;

5. It is found that in some locations are cultivated certain crops, eg :

a) In town Serbanesti corn and forage plants have a higher share than in other locations ;

b) In town Crampoia corn and sunflower have a significant share , while canola and forage plants are grown less.

6. In the town Serbanesti and Caracal are evolving high yields per unit sweep due perfectionarii seed crop technologies and use of high quality products (seeds , herbicides , pesticides, growth stimulators)

BIBLIOGRAPHY

[1] *MAPDR Strategy of Sustainable Development of Agriculture and Food in Romania, 2004*

[2] *Monograph Caracal - Publishing TIPARG 2007*

[3] *Agricultural And Rural Development Policies Of Romania - Agriculture And Rural Development Policies Of Romania*

[4] **Saracin Ion, Pandia Olimpia** *The role of sustainable rural development and agri-food sector, et al, Inmateh 2007 pag.225-231*

[5] <http://www.scribube.com>

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