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Growth Prospects for Agricultural Production Sector in Moldova Republic

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Abstract

Moldova is one of the countries with significant potential in agriculture, one of the largest areas and farmland as a share of total land, 75% against the European average of 45%, but is among the last places in terms of efficiency of agricultural production and agricultural area. However, further development of Moldova is closely linked to the development of the agricultural sector. For this reason, the sector agrarian becomes a matter of national interest. The transformation of agriculture into year engine of economic growth is vital for the free movement of Moldova when agricultural products and the effects of globalization, competitiveness and efficiency will be sustainable key factors of economic growth of the agricultural sector. Ensuring medium and long-term performance of the agricultural sector requires the adoption of effective economic policy tools to allow management and the existing potential in agriculture, which increase agricultural output and sustainable development in the competitive environment. The importance of the researched subject growth prospects for agricultural production sector in Moldova Republic is particularly high, because the theme is subjected to a thorough scientific research, applying a range of methods economic-statistical is necessary to emphasize in this context a major issue is alternatives sector funding in terms of limited budget resources: the current needs of manufacturing activity or the creation and strengthening competitive agricultural growth assumptions.

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1. Introduction

Given that perpetuated, old tradition "in terms of economic performance", the results of agricultural producers in Moldova is very poor due to the following reasons (Dinu et al., 2015): -the existence of a weak and distorted competitive environment that contribute to poor development of competitive markets in agriculture;-inefficient operation of the functional system of services for farmers, especially in finance and banking;-deformed structure of agricultural enterprises in terms of production potential;-reduced possibilities of capital accumulation and reinvestment of needles motor itself;-inability of authorities to form an economic environment capable of transforming agriculture into an attractive area for investment capital, etc.

2. Materials and Methods

The results of the investigations were used the following methods: economic and statistical computing constructive and logical observation. Served as informational support National Bureau of Statistics data, financial reports of Ministry of Agriculture and Food Industry, Ministry of Finance. The methodological base have served multiple laws and regulations of the Republic of Moldova. The basic methods of research are analysis and synthesis method for comparing the relative sizes medium and method and interpretation of tabular and graphical data.

3. Results and Discussions

The forecast for 2022, issued by the OECD and FAO indicate that global demand for agricultural products is increasing especially due to emerging countries (Popa, 2015). Offer not evolve at the same pace with demand, but much slower. Next, we determine the trend in global agricultural production enterprises of all categories in Moldova during 2004-2014 by adjusting linear (Table 1):

$$\bar{Y} = a + bt \quad (1)$$

$$\text{where: } a = \frac{\sum y}{n} = \frac{13,3610.5}{11} = 12,146.4; \quad b = \frac{\sum ty}{\sum t^2} = \frac{17,749.24}{11} = 161.4$$

$$\text{so: } \bar{y}_t = 12,146.4 + 161.4 t$$

Table 1. The trend overall value of agricultural production in Moldova during 2004-2014 determined by linear adjusting method

Year	The value of global production (in comparable prices), lei million	T	T * Y	T ²	T = A + BT T = 12146.4 + 161.4 T
	y				
2004	12,301.3	- 5	- 61,506.5	25	11,339.9
2005	12,402.2	- 4	- 49,608.8	16	11,501
2006	12,266.7	- 3	- 36,800.1	9	11,662.35
2007	9,432.5	- 2	- 18,865	4	11,823.7
2008	1,2460.3	- 1	- 12,460.3	1	11,985.05
2009	11,259.5	0	0	0	12,146.4
2010	12,146.7	1	12,146.7	1	12,307.75
2011	12,757.8	2	25,515.6	4	12,469.1
2012	9,908.5	3	29,725.5	9	12,630.45
2013	13,772.81	4	55,091.24	16	12,791.8
2014	14,902.18	5	74,510.9	25	12,953.15
TOTAL	133,610.5	0	17,749.24	110	133,610.7

Source: Calculated by the author based NBS, Statistical Yearbook 2013 and operational information on the socio - economic development of Moldova

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