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THE ECONOMIC ANALYSIS OF AVERAGE AGRICULTURAL PRODUCTION IN MEHEDINTI COUNTY

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Abstract:

This paper studies, the plan - done, the standard deviation of the absolute total revenues and vegetable farm at the same time, the influence of factors: total production, total production structure and rates of recovery.

• Introduction

Dynamic analysis of average production requires the use of parameters such as: total crop production (Q) and area (S).

• Material and method

Method of analysis - method of comparison (growth indices with fixed and mobile base of average production)

The analysis operation takes place in the time interval 2016 - 2020, for wheat cultivation.

The changes produced by the surface factor (S) on the average production were due to the following causes: the ratio between supply and demand imposed on the agricultural products market; modification of the culture plan, as a result of the insufficiency of financial resources; failure to fit in the optimal period of establishing the culture; the deficient existence of the fleet of tractors and agricultural machines, regarding the variety of crops; degree of phyto-toxicity of soils, etc.

• Results and discussions

The variation of the average production determined by the total production factor in the analyzed period was generated by:- the oscillating absorption of the "wheat" product by the agricultural market;- the extension from one year to another of the crop structure, depending on their rotation;- more or less favorable pedoclimatic conditions from one to another;- the attack of diseases and pests and the practice of insufficient phytosanitary treatments, as a result of the deficit of financial resources, etc.

• Conclusions

As recovery measures at enterprise level, with regard to wheat cultivation, the following are required:

- agricultural market research studies;
- providing financial resources at the level of the production program;
- ensuring the safety stocks of insect-fungicides and insecticides;
- rigorous observance of crop rotation, by establishing scientific crop rotations;
- knowing the suitability of crops for certain soil types;
- the need to perform pedological analyzes, primarily to determine the mobility and amount of nitrogen, phosphorus, potassium and strictly necessary trace elements;
- maintaining a high economic efficiency at the level of culture, by applying an adequate management.