

DYNAMICS OF AGRICULTURAL VEGETAL PRODUCTION IN ILFOV COUNTY, ROMANIA. CASE STUDY FOR BUFTEA AREA

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Abstract: The paper analyzes the evolution of vegetal production in Ilfov county, with case study for Buftea area, in the period 2015-2021. For this purpose, the cultivated areas and the productions obtained in the main categories of cereals and vegetables are presented. Similarly, the evolution of the areas occupied by orchards and vineyards, flowers and ornamental plants is analyzed. In 2021, the largest areas in the county were cultivated with wheat - 23,398 ha, corn - 15,501 ha, sunflower - 11,454 ha and rapeseed - 10,524 ha. For the studied period, there were increases in the areas cultivated with wheat, corn, rapeseed, green peas, green beans, eggplant, dry onions, peppers, alfalfa, watermelon and yellow. Apart from barley, oats, soybeans, potatoes, tomatoes, dried garlic, white cabbage, alfalfa and clover, there were production increases for the other crops analyzed.

• Introduction

Ilfov County is part of the Bucuresti-Ilfov Development Region, NUTS 2, according to Annex I of EC Regulation no. 1059/2003. It can be said that it surrounds the city of Bucharest which is included in the same region. It has an area of 1,583 km², that is why it is considered the smallest county in Romania and has as neighbors the counties of Prahova, Dâmbovița, Giurgiu, Călărași and Ialomița. The location of Ilfov County in the Romanian Plain / Campia Romana has permitted the cultivation of cereals and vegetables here, with a series of vegetable and flower basins that supply the capital Bucharest being recognized at national level. The city of Buftea ranks 4th, in terms of number of inhabitants, after Popesti-Leordeni, Pantelimon and Bragadiru and it covers an area of 54.87 km².

• Material and method

To carry out this study, statistical data taken from the National Institute of Statistics (INS) were used. To capture the trends in the evolution of agriculture in Ilfov County, a series of indicators were analyzed and a wide range of specialized materials were consulted. The main indicators analyzed in this study are: the areas cultivated and the productions obtained for wheat, corn, sunflower, rapeseed, vegetables, especially tomatoes, eggplants, dried onions, cabbage as well as the areas occupied by orchards in bearing, flowers and ornamental plants, vineyards in bearing. The indicators of this study were analyzed for the period 2015-2021.

The data related to the Buftea area were provided by the Buftea City Hall, being taken from the declarations reported annually by the producers.

• Conclusions

Agricultural lands represent approximately half of the total area available in the Buftea area, and the arable lands have the largest share of them, 2,528 ha.

The area of Buftea does not have a large share in the agricultural production of Ilfov county, here are cultivated mainly cereals, wheat being the main crop encountered.

• Results and discussions

In Ilfov county agriculture has an important presence in the economy of the county, although, as it will be seen, it does not have an important share in the national economy.

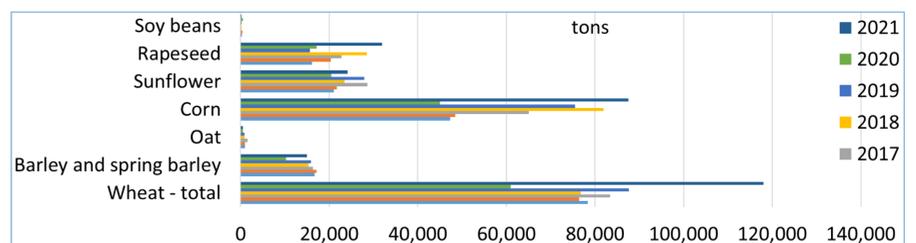


Fig. 1 Productions obtained from the main agricultural crops in Ilfov county (tons)

Source: INS

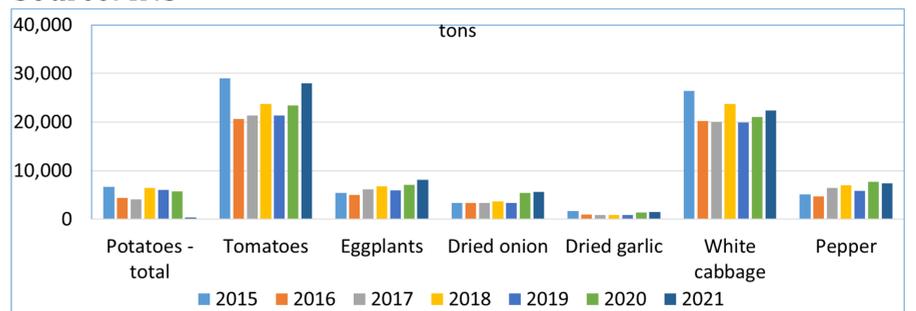
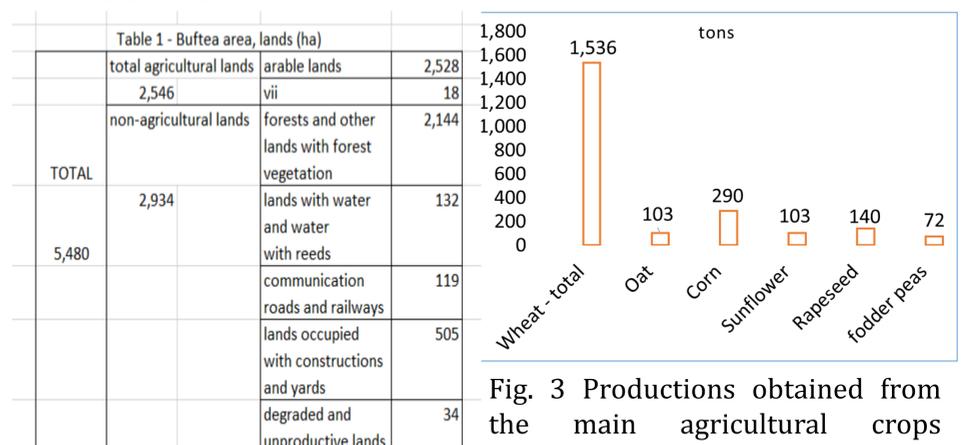


Fig. 2 Productions obtained from the main vegetables cultivated in Ilfov county (tons)

Source: INS



Source: Buftea City Hall, 2022

Fig. 3 Productions obtained from the main agricultural crops in Buftea area (tons) – 2022

Source: INS

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