



The behaviour of sunflower crop under different treatments from the Lacu Sarat trial plot, Brăila

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Sunflower is the most important oil plant, being the third plant in oilseeds grass family, and being used in food and food industry. Being a heat and light loving plant, it is cultivated in the corn areal and it is forbidden to follow plants consuming much water and nutrients. In the natural background conditions on the trial plot, and taking into account the improvement scheme, the sunflower was sowing in all the years of experimentation (1998-1999, 1999-2000, 2002-2003, 2003-2004), achieving high yields. Sunflower responded well under most treatments, the yields being similar to the ones obtained under irrigation and fertilization. The main purpose of the research was to pursue the influence of agrotechnical measures on soil and yields for the main field crops in the trial plot Lacu Sarat, Braila county, and, in this paper, the behaviour of the sunflower crop has been presented.