

Project Title: Investigation Of Chemical Fertilizer And Soil Analysis Support From The Socio- Economic Point Of View (The Example Of Izmir Province)

Research Area	Soil and Water Resources
Research Program	Social and Economic Analysis for the Development of Soil and Water Resources
Executive Institute	International Agricultural Research and Training Center
Supporting Institute/s	Ege University Faculty of Agriculture, Department of Agricultural Economics
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Research Period	2009 – 2012

Project Summary: This research was carried out between the years 2009-2010 in Izmir. The environmental and economic effects of correct fertilization as well as its impact on production verified during the recent years by researches. This fact makes it a requirement to do fertilization in line with the soil analysis. Within this project the agricultural policies, particularly the supportive implementations were extensively examined. In the project, first, the criteria of fertilization applications were investigated and the soil analysis attitudes in towns and villages of Izmir were examined. The farmers were categorized in 3 groups within the project: first group was made of those who were not registered in the Farmer Registration System and, thus, who did not benefit from the support applications. Second group was made of those who were registered in the Farmer Registration System and who got only chemical fertilizer support and the third group consisted of those who benefit from both chemical fertilizer and soil analysis supports. All groups were separately examined together with the encountered problems. Afterwards, the per annum data of the soil analysis and chemical fertilizer support initiated in 2005 by the Ministry were gathered in line with the data of 2004. In order to be able to scrutinize the effects of these initiations, the fertilization applications before and after the support were compared. Also the fertilizing customs of the farmers who received and who did not receive support were compared. Thus, the effects of the financial support on changing the habitual behaviors of the farmers in fertilizing and its effects on the correct and well aware fertilizing method were identified. The sufficiency of the financial support against the increasing costs of fertilizers was also examined within the content of the project. As a result of the study, the level of awareness of the soil analysis necessity were determined to be dependent on the production value of crops, land ownership; social inclusion and the environmental relationship, and the level of relationship with agricultural organizations of farmers. At the end of the research, it was found that % 79.60 of the farmers had an education on primary school level. Also according to the research on the habitual behavior of fertilizer usage, it was found that % 59.25 of the-farmers would fertilize by their experience.

Key words: Chemical fertilizer, chemical fertilizer support, soil analysis, soil analysis support