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The Efficiency of Resource Allocation and Productivity in the Agricultural
Farms in Kazova Region of Tokat Province

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Abstract: This study covers agricultural farms in Kazova area of Tokat province. The main material of the study was the data obtained from 134 farms by survey in period of 1994- 1995. In the study, translog production function and Allen Partial Elasticity of Substitution (AES) in order to determine input-input relation were used. Estimated equations analyzed econometricly and marginal analysis belonging to the each estimated equations which are marginal production elasticity. Production elasticity of function, coefficient of efficiency and AES were analyzed and commented. In the light of findings, it can be said that farming income might be increased by efficient usage of factors in the farms. It was determined that the amount of fertilizer used and number of cows grown compare to the present stable capacity were insufficient in the farms. Also an excessive labor supply was found out in the farm.

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