

ABSTRACT

A COMPARATIVE ANALYSIS OF SHARING FARM MACHINERY SYSTEMS IN TURKEY AND EUROPEAN UNION

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The purpose of this study is to determine the differences in sharing farm machinery systems between the European Union and Turkey. Sharing farm machinery systems are used in Germany as machinery rings and in France as the collective use of agricultural machinery cooperative the most commonly and efficiently. These systems are examined in terms of organizational structure, functions, operations and services through the information obtained from these organizations. In order to determine the current status of the sharing farm machinery systems in Turkey, chambers of agriculture was examined. In this context, 207 out of 757 chambers of agriculture were selected by simple random sampling method. 10 questions were asked those selected chambers. As a result of the study, implementation rate of sharing farm machinery system was identified 53% in the agricultural chambers and 47% did not have the system of sharing farm machinery due to financial shortcomings. The proportional distribution of the obtaining the machinery was identified as 36% of farmers from their machine park, 25% of the chambers of agriculture, with neighborhood assistance 27%, 9% from other institutions in the region, 2% of agricultural machinery contractors and 1% from machinery partnership. This was 52 % in Germany and 45 % in France. This proportion for chambers of agriculture was 25 % that was considerably high in Turkey. Sharing farm machinery systems in the case of Germany or France should be suggested to establish and extend within the chambers of agriculture or with a new organization.

Key words: Sharing farm machinery, machinery rings, collective use of agricultural cooperative, chambers of agriculture