



PROJECT TITLE	Determination of Some Quality Traits in Breeding Materials of Barley
PROJECT NUMBER	TAGEM/TBAD/16/A12/P05/004
PROJECT LEADER	Seydi AYDOĞAN
RESEARCHERS	Mehmet ŞAHİN, Dr. Aysun GÖÇMEN AKÇACIK, Dr. Berat DEMİR, Sümeyra HAMZAOĞLU, Sadi GÜR Sadi GÜR , Dr. Çiğdem Mecitoğlu GÜÇBİLMEZ
INSTITUTE	Bahri Dağdaş International Agricultural Research Institute
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PROJECT RESOURCE AND BUDGET	47500 TL
PROJECT DEPARTMENT	Department of Field Crops Research
SUMMARY: <p>This project is carried out in Bahri Dağdaş International Agricultural Research Institute in order to determine some quality properties of the material in the barley breeding program and to use it effectively in selection. Physical and chemical quality analyzes of the standard varieties compatible with the region and the barley material in the breeding program are made. In barley breeding material, thousand kernel weight, hectoliter weight, protein ratio, ADF (Fiber insoluble in acid detergent), NDF (Fiber insoluble in neutral detergent), cellulose ratio, beta glucan ratio, under sieve (<2.2%) and over sieve (>2.5+ 2.8) values are determined and these values are used in selection. By determining the genotypes with superior performance in terms of quality and evaluating the quality traits in the selection of breeding material, it contributes to the development of high quality barley varieties.</p>	
KEY WORDS: Barley, quality traits, selection	