

## EVALUATION OF BARLEY GENOTYPES CARRYING *lys 3a*- GENE FOR AGRONOMIC CHARACTERS UNDER LOW-AND HIGH-RAINFALL ENVIROMENTS

M. I. ÇAĞIRGAN C. TOKER

*Akdeniz University, Faculty of Agriculture, Department of Field Crops Antalya / TURKEY*

### ABSTRACT

In this study the parent lines carrying the *lys 3a* gene for high lysine, the parent variety, Bomi and the local check, Quantum were evaluated for biologic and plot grain yield harvest index, 1000-grain weight, number of kernels per spike and number of fertile spike in low-and highrainfall environments. According to the obtained results, Ca 533605 line outyielded the check variety in the locrainfall environmet was good at yielding as good as the check cultivar, Quantum.