

## **Characterization of some agronomic traits of pure lines derived from barley landraces of Central Anatolian region**

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### **Summary**

This study was conducted to characterize 697 pure lines, selected from 238 barley landraces collected from Central Anatolia, Turkey, by 6 agronomic traits to compare these pure lines with some standard varieties. Experiments were carried out in dry conditions during 2008-2009 growing season in Konya (Central Anatolia).

All traits showed that was a great variation among pure lines. Some pure lines showed superiority over standard varieties for grain yield, grain number per spike, grain weight per spike, thousand grain weight and quality traits. Therefore, these pure lines can be used as genetic resources in future breeding programs.

Key words: barley, pure lines, agronomic traits, characterization, selection