Evaluation of adaptability and yield comparison of advanced barley lines in warm zones

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Abstract

The objective of this study was to evaluate the adaptability and yield comparison of advanced barley lines in warm zones. The evaluation was conducted using 19 advanced barley lines and four standard varieties in five locations in Iran during the 2017-2018 cropping season. The results showed that the advanced barley lines had higher yield compared to the standard varieties. The highest yield was obtained from the line with accession number 4.0, which had a yield of 8.5 t/ha.

Keywords: evaluation, adaptability, yield, advanced barley lines, warm zones.