Electrophoresis variability of hordein in barley varieties

NEGUT Elena Lucica, MIHAILA Daniela - Bioterra University Bucharest

Hordein polypeptides patterns of romanian six-row a-nd tw6-row barley varieties were analysed by means of starch electrophoresis. Hordein polymorphism at the Hor 1, Hor 2 and Hor 3 has showed 14-18 fractions according to the variety. For the barley cultivars which are investigated, electrophoregrams can be used as a potential tool for identifying and fingerprinting barley cultivars.