

Title Post harvest maturation of the selected spring barley varieties in 2009
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Abstract

Post-harvest maturation was tested in twenty spring barley varieties harvested in 2009. Low values of germinating energy three weeks after achieving full ripeness were recorded in most of the varieties. Values of germinating energy after achieving full ripeness exceeding 95 % were recorded only in the varieties Aktiv and Jersey. The varieties tested exhibited considerable differences in germination intensity, i.e. rate and index of germination. Nine weeks after achieving full ripeness, the varieties Henley, Publican, Radegast, Signora, Vista, and Xanadu germinated quickly and readily. On the contrary, the varieties Advent, Aksamit, Aktiv, Marthe, Streif, and Tolar germinated slowly. The variability of germinating energy was affected by the location, the variability of germination intensity was significantly affected by the variety.