Electromagnetic Processing of Seeds – the Effect of Exposition Time on the Productivity of Winter Wheat and Spring Barley

V.A. Levin, V.F. Firsov, V.V. Chekmarev, A.V. Verchenov

Michurinsk State Agricultural University

Key words and phrases: optimum processing time; seed material; electromagnetic radiation.

Abstract: The effect of exposition time when processing seed material with changing in time magnetic field on the productivity of winter wheat Mironovskaya 808 and spring barley Auksinyay 3 is studied.

The comparative analysis of productivity changes when processing seed material with chemical substances and environmentally friendly method i.e magnetic field is carried out; optimal operating time is identified.