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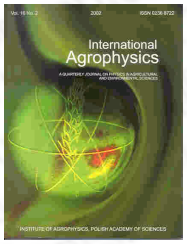

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Influence of corona discharge field on seed viability and dynamics of germination

(get PDF)

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abstract Literature sources state that an electromagnetic field causes p biochemical changes in seeds. Water assimilation becomes faster, breat germinating seed intensifies and its viability improves. Having reviewed using electromagnetic fields in stimulating seed viability by different aut obvious that research of seed germination dynamics is scarce. In additio illcondition seeds is rarely indicated. The research reported herein was carrot, radish, beet, beetroot and barley seeds, using corona discharge continuous current. During the research it was established that the ger function of the seeds affected by corona discharge field is described by