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OF SUGAR BEET RESEARCH

ABSTRACTS OF PAPERS

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**Maximising sugar beet performance
in a changing climate**

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2.25 DRAGANA BUDAKOV¹, VERA STOJSIN¹, ZIVKO CURCIC², TATJANA DUDAS¹, NEVENA NAGL², FERENC BAGI¹, MILA GRAHOVAC¹

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SUGAR BEET VIRUS DISEASES IN SERBIA

During 2017, yellowing of sugar beet leaves occurred in sugar beet fields in Serbia. Disease was visible on individual plants which had symptoms of intercostal yellowing, leaves were upright and brittle and in time this yellowing turned into necrosis. For the purpose of this research leaves with these symptoms were collected from 40 fields and analyzed using ELISA on the presence of *Turnip Yellow Virus (Beet mild yellowing virus)*, *Beet Mosaic Virus*, *Beet Necrotic Yellow Vein Virus* and *Beet yellows virus*. Results proved occurrence of these viruses and were commented in regard to meteorological data which were favorable for vector activity.