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DVOGODIŠNJI REZULTATI ISPITIVANJA EFIKASNOSTI FOLIJARNIH FUNGICIDA U SUZBIJANJU PROUZROKOVAČA VAŽNIJIH OBOLJENJA PŠENICE

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Tokom 2003. i 2004. godine ispitivana je efikasnost novijih fungicida u suzbijanju značajnijih patogena pšenice na ozimoj sorti bosanka. Mikroogledi su izvedeni u lokalitetu Mutnik-Cazin. Za tretiranje su korišteni slijedeći folijarni fungicidi (preparati): Juwel (epoxiconazol, 125g/l+krezoxim-metil, 125g/l), Charisma (flusilazol, 106.7g/l+famoxadon 100g/l), Amistar (azoxystrobin, 250g/l), Opus (epiconazol, 125g/l), Duett (epoxiconazol, 125g/l+carbendazim, 125g/l). Najveći stepen efikasnosti prema *Blumeria graminis tritici* ispoljio je preparat Duett (89.0%), zatim slijede Charisma i Amistar (82.2%), Juwel (62.2%). Slabiji efekat je ispoljio Opus (54.8%). U suzbijanju *Puccinia recondita tritici* najbolja zaštita postignuta je sa preparatom Amistar (98.1%), zatim preparatom Duett (93.1%), Opus (86.8%). Slabija efikasnost registrirana je kod preparata Charisma (67.1%). Pri intenzitetu infekcije *Septoria tritici* na kontroli 32.4%, efikasan je bio preparat Duett (93.1%), zatim Charisma (88.6%), Amistar (84.8%), Opus (60.9%). Rezultati pokazuju visoku efikasnost većine fungicida u suzbijanju *Fusarium graminearum*. Povećanje prinosa u odnosu na kontrolu, u 2003. godini kretalo se u granicama 6.95-38.46%, a u 2004. godini 15.30-72.30%.

Ključne riječi: *B.graminis tritici*, *P.recondita tritici*, *S.tritici*, *F.graminearum*, efikasnost folijarnih fungicida, prinos pšenice

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TWO YEAR OLD RESULTS STUDY EFFICACY OF FOLIAR FUNGICIDES IN CONTROLLING THE CAUSES OF SOME MORE IMPORTANT WHEAT DISEASES

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During 2003 and 2004 was studied efficacy newer fungicides in controlling of the most important of pathogens wheat of the winter variety Bosanka. The microexperiments were carried in locality Mutnik-Cazin. For treatment the following foliar fungicides were used: Juwel (epoxiconazol, 125g/l + krezoximmetil, 125g/l) Charisma (flusilazol, 106.7g/l + famoxadon, 100g/l), Amistar (azoxystrobin, 250g/l), Opus (epiconazol, 125g/l), Duett (epoxiconazol, 125g/l + carbendazim, 125g/l). The highest efficacy in controlling of *B.graminis tritici* showed fungicides Duett (89.0%), followed Charisma and Amistar (82.2%), Juwel (62.2%). Lower efficacy showed Opus (54.8%). Fungicides Amistar (98.1%) as well as Duett (93.1%) showed high efficacy compared to control *P.recondita tritici*. Fungicides Charisma (67.1%) showed lower efficacy. By infection *S.tritici* of the control variant 32.4%, fungicides Duett showed efficacy 93.1%, Charisma (88.6%), Amistar (84.8%) and Opus (60.9%). The results showed the highest efficacy majority fungicides of *F.graminearum*, compared to control. Wheat yields were found to increase 6.95-38.46 in 2003. and 15.30-72.30% in 2004., compared to control.

Keywords: *B.graminis tritici*, *P.recondita tritici*, *S.tritici*, *F.graminearum*, Efficacy of foliar Fungicides, Wheat yield

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