

# Co-Occurrence Patterns of *Ustilago nuda* and *Pyrenophora graminea* and Fungicide Contribution to Yield Gain in Barley under Fluctuating Climatic Conditions in Serbia

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**Table S2.** Yield gain in seed-treated plots in the period 2014-2020.

	Fungicide Treatment	2014	2015	2016	2017	2018	2019	2020
				Average yield gain				
T2	RAXIL S 040 FS (20 g/l tebuconazole +20 g/l triazoxide)	4.07 <sup>A</sup>	15.64 <sup>A</sup>	8.76 <sup>A B C</sup>	16.88 <sup>A B C</sup>	16.35 <sup>A B</sup>	14.19 <sup>A B</sup>	5.78 <sup>A B C</sup>
T3	VITAVAX 200 FF (200 g/l carboxin+200 g/l thiram)	2.54 <sup>A</sup>	-4.57 <sup>B</sup>	30.71 <sup>A</sup>	25.54 <sup>A B C</sup>	<b>30.68</b> <sup>A B</sup>	16.96 <sup>A</sup>	0.25 <sup>A B C</sup>
T4	MANKOGAL S (600 g/kg mancozeb)	*	*	-8.63 <sup>C</sup>	<b>29.10</b> <sup>A</sup>	19.58 <sup>A B</sup>	-5.37 <sup>C D</sup>	1.73 <sup>A B C</sup>
T5	VIBRANCE DUO (25 g/l fludioxonil+25 g/l sedaxane)	*	*	11.05 <sup>A B C</sup>	25.16 <sup>A B C</sup>	22.13 <sup>A B</sup>	14.42 <sup>A B</sup>	5.19 <sup>A B C</sup>
T6	RANCONA TRIO (5 g/l ipconazole+13.3 g/l metalaxyl+133 g/l carboxin)	-3.08 <sup>A</sup>	-1.58 <sup>B</sup>	1.54 <sup>B C</sup>	27.22 <sup>A B</sup>	22.82 <sup>A B</sup>	-3.11 <sup>B C D</sup>	-3.308 <sup>C</sup>
T7	CERTICOR 050 FS (30 g/l tebuconazole+20 g/l metalaxyl -M)	-13.60 <sup>A</sup>	-0.22 <sup>A B</sup>	12.09 <sup>A B C</sup>	7.94 <sup>C</sup>	20.45 <sup>A B</sup>	-6.93 <sup>D</sup>	2.70 <sup>A B C</sup>
T8	CELEST EXTRA 050 FS (25 g/l fludioxonil+25 g/l difenoconazole)	-14.25 <sup>A</sup>	9.30 <sup>A B</sup>	21.81 <sup>A B</sup>	<b>10.82</b> <sup>B C</sup>	14.38 <sup>B</sup>	-2.71 <sup>B C D</sup>	13.64 <sup>A B</sup>

T9	DIVIDEND EXTREME 115 FS (A12532C) (7.73% difenoconazole+1.93% metalaxyl -M)	-0.93 <sup>A</sup>	3.64 <sup>AB</sup>	9.87 <sup>ABC</sup>	17.17 <sup>ABC</sup>	20.97 <sup>AB</sup>	10.41 <sup>ABCD</sup>	5.31 <sup>ABC</sup>
T10	CELEST TOP 312,5 FS (262.5 g/l thiamethoxam+25 g/l difenoconazole+25 g/l fludioxonil)	3.138 <sup>A</sup>	-3.48 <sup>B</sup>	-8.33 <sup>C</sup>	<b>9.38</b> <sup>BC</sup>	<b>39.25</b> <sup>AB</sup>	10.20 <sup>ABCD</sup>	14.81 <sup>A</sup>
T11	YUNTA QUATTRO (6.7 g/l tebuconazole+33.3 g/l prothioconazole+166.7 g/l imidacloprid+166.7 g/l clothianidin	3.48 <sup>A</sup>	3.05 <sup>AB</sup>	5.34 <sup>ABC</sup>	17.27 <sup>ABC</sup>	<b>30.24</b> <sup>AB</sup>	12.93 <sup>ABC</sup>	13.89 <sup>AB</sup>
T12	VIAL TRUST FS (60 g/l tebuconazole+80 g/l thiabendazole)	*	*	12.59 <sup>ABC</sup>	11.88 <sup>ABC</sup>	<b>30.2</b> <sup>AB</sup>	-2.27 <sup>BCD</sup>	5.14 <sup>ABC</sup>
T13	LAMARDOR FS 400 (150 g/l tebuconazole+250 g/l prothioconazole)	-0.71 <sup>A</sup>	4.95 <sup>AB</sup>	7.43 <sup>ABC</sup>	18.04 <sup>ABC</sup>	<b>21.09</b> <sup>AB</sup>	7.22 <sup>ABCD</sup>	-1.20 <sup>BC</sup>
T14	LAMARDOR FS 400 (150 g/l tebuconazole+250 g/l prothioconazole)+ GAUCHO 600 FS (600 g/l imidacloprid)	*	*	4.53 <sup>BC</sup>	<b>10.53</b> <sup>BC</sup>	<b>41.94</b> <sup>A</sup>	3.27 <sup>ABCD</sup>	13.04 <sup>AB</sup>

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\* Not applicable. Means that do not share a letter are significantly different