

**2018 Grand Forks County Crop Improvement Association & Grand Forks County
NDSU Extension Spring Wheat Variety Trial**

Variety	TRT1			TRT 2			TRT 3		
	Yield	TW	Protein	Yield	TW	Protein	Yield	TW	Protein
Prosper	60.5	56.7	15.3	49.4	58.7	15.3	48.4	55.4	15.5
ND-VitPro	59.8	57.2	14.8	58.5	57.3	15.1	53.2	57.5	15.0
Faller	53.7	57.5	16.0	53.5	57.3	16.0	47.7	57.3	15.6
Lang	57.2	56.3	14.5	53.6	56.2	14.7	53.6	56.5	15.2
Bolles	51.5	55.2	15.2	52.9	57.7	15.1	46.5	55.9	15.6
Linkert	48.2	49.7	16.1	50.3	53.7	16.4	47.5	53.7	16.4
Shelly	56.1	58.1	14.8	59.7	58.0	15.0	50.2	58.0	15.5
Boost	62.1	58.3	14.4	58.3	57.4	14.6	54.5	57.8	14.7
Surpass	52.7	57.5	15.3	53.1	56.8	15.6	46.7	57.8	16.1
SY Ingmar	58.3	58.2	14.3	61.6	57.4	14.4	58.7	58.5	14.6
SY Valda	56.9	58.6	15.4	61.7	59.4	15.4	51.2	57.6	15.6
TCG-Climax	54.8	57.0	17.5	54.0	56.9	17.4	47.8	57.0	17.7
TCG-Spitfire	52.8	57.6	16.2	48.5	57.7	15.9	49.8	56.7	16.2
TCG-Wildfire	57.8	56.9	14.0	58.7	57.1	14.4	51.4	56.9	14.2
WB9479	62.9	57.0	15.8	54.3	57.6	15.7	50.7	56.4	16.2
WB9590	60.7	58.2	15.3	63.8	57.9	14.9	52.8	58.0	15.2
WB9653	58.1	56.0	16.4	54.0	55.6	16.3	45.1	56.6	17.1
WB9719	55.4	56.5	15.8	55.9	54.9	15.9	47.7	56.0	16.4
LCS Trigger	55.7	58.3	14.5	60.0	57.3	14.4	53.4	57.7	14.8
LCS Cannon	49.5	58.7	14.7	51.6	55.9	14.6	49.5	57.1	15.0
LCS Rebel	73.1	58.5	12.9	62.3	59.0	12.7	60.3	58.9	13.7
Caliber-Dyna	64.0	58.8	15.2	48.5	57.9	15.7	54.2	59.8	16.3
Ambush-Dyna	57.6	59.8	14.4	53.3	60.4	14.4	49.7	58.5	14.8
Average	<u>57.4</u>	<u>57.2</u>	<u>15.2</u>	<u>55.5</u>	<u>57.3</u>	<u>15.2</u>	<u>50.9</u>	<u>57.2</u>	<u>15.5</u>

TRT 1=Control (no in-season fertilizer application)

TRT 2=Single in-season fertilizer application at Tillering (15 gal/A of UAN 28%)

TRT 3= Single in season fertilizer application at tillering(15 gal/A of UAN 28%) and post-anthesis application (10 gal/A of UAN 28%)

*No Fungicide applications were made. Fusarium Head Blight was prevelant within plots. DON levels of each individual variety are being tested and will be presented at a later time.

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