

2021 KNOX & WARRICK/SPENCER COUNTY WHEAT VARIETY TRIALS

Attached are the results from the Knox and Warrick/Spencer County Purdue Extension Wheat Variety Trials. We want to express our appreciation to our Cooperators: Wesley Miller in Warrick County and Farm Manager Dennis Nowaskie in Knox County for their patience and cooperation in allowing us to conduct these wheat trials on their farms. If you have any questions about either of these plots, don't hesitate to contact us (our information is listed below).

NOTES: Special thanks to Dr. Chuck Mansfield for his help throughout the year. Thanks are due to Richard Bayliss for his advice. Contact us if you would like more information about either of these plots. Thanks- Nick, Amanda, Maegan, Alex, and Hans

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SEED COMPANY CONTACTS

Thanks to the following companies and representatives for providing the seed and plot fees used to conduct the Wheat Variety trials in Posey and Spencer Counties.

<u>COMPANY</u>	<u>NAME</u>	<u>PHONE #</u>
AgriMaxx	Matt Wehmeyer	(618) 971-6552
Beck's	Kurt Karch	(812) 483-4635
Burtch Seed	Eddie Burtch	(419) 363-3713
Dyna-Gro (Nutrien)	Landon Taylor	(270) 231-6977
Syngenta Seeds (AgriPro)	Ken Davis	(815) 953-2041
DKD Genetics	Daniel Dorney	(812) 249-3225

2021 WARRICK/SPENCER COUNTY WHEAT PLOT

COMPANY NAME	VARIETY	AVG. YIELD	<u>2021 Warrick/Spencer County Wheat Plot Information</u>
DKD Genetics	420	115.7 *	Minimum significant difference for YIELD is: 18.8 bu. Any pairwise comparison is appropriate. YIELDS followed by an asterisk (*) are not significantly different from the highest yield. Coefficient of variation (for yield) is: 13.4 Average yield for the plot is 99.7 bu/acre Planting Date: 10/06/20 Harvest Date: 6/22/21 Fall Fertilizer: Population: 1.7 millions seeds/acre Nitrogen Topdress:
Dyna-Gro	9172	109.7 *	
AgriMAXX	503	107.9 *	
Dyna-Gro	9151	105.3 *	
Burtch Seed	Strike 203	104.5 *	
AgriMAXX	513	103.5 *	
DKD Genetics	300	101.3 *	
AgriMAXX	454	101.1 *	
Burtch Seed	Strike 403	100.5 *	
Dyna-Gro	9002	100.4 *	
Beck's Hybrids	721	100.3 *	Pesticides:
Dyna-Gro	9120	99.2 *	
DKD Genetics	550	98.5 *	
Beck's Hybrids	120	98.2 *	
AgriPro	SY 547	98.0 *	
AgriPro	SY 100	96.5	
AgriMAXX	505	95.4	
Beck's Hybrids	727	95.1	
Burtch Seed	Exp. 2021-2	94.7	
AgriPro	SY 576	94.4	
Beck's Hybrids	726	92.6	
Burtch Seed	Exp. 2021-1	92.4	
AgriPro	SY Viper	87.1	
Average		99.7	

Thanks to Cooperator: Wesley Miller

Also:

Thanks to all of the seed companies that provided seed and fees for this year's plots! Their contact information is on the back of this sheet. Also thanks to Dr. Charles Mansfield at the Vincennes University campus for help initiating plot work.

For Additional Information Contact:

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2021 KNOX COUNTY WHEAT PLOT

COMPANY NAME	VARIETY	BU Yield	Test Wt	Lodging %	2021 Knox County Wheat Plot Information
Burtch Seed	Exp. 2021-1	104.7 *	55.7	8.8	Minimum significant difference for YIELD is: 16.4 bu. Any pairwise comparison is appropriate. YIELDS followed by an asterisk (*) are not significantly different from the highest yield. Coefficient of variation (for yield) is: 13.9 Average yield for the plot is 83.8 bu/acre Planting Date: 10/07/20 Harvest Date: 6/24/21 Fall Fertilizer: 10/01/20: 50 lbs. 46-0-0, 200 lbs. 0-0-61 Population: 1.7 million seeds/acre Nitrogen Topdress: Yes 3/04/21: 200 lb 46-0-0/ac, 100 lb 21-0-0-24/ac, 7 lb 14.3 % Boron/ac (113-0-0-24-1 of N-P2O5-K20-S-B per acre) Pesticides: 3/24/2020 - Harmony Extra was applied at 0.75 oz/acre
DKD Genetics	300	98.1 *	55.8	17.5	
DKD Genetics	420	92.6 *	54.9	5.0	
AgriMAXX	513	92.0 *	55.1	5.0	
Dyna-Gro	9172	88.7 *	52.7	5.0	
AgriMAXX	454	85.9	54.0	18.8	
AgriMAXX	503	85.8	54.6	1.3	
Burtch Seed	Exp. 2021-2	84.9	51.3	15.0	
AgriPro	SY Viper	84.1	51.5	57.5	
AgriMAXX	505	83.8	56.2	6.3	
DKD Genetics	550	83.5	47.9	57.5	
Dyna-Gro	9120	82.7	56.7	3.8	
Beck's Hybrids	727	82.6	55.4	3.8	
Dyna-Gro	9151	82.5	56.0	0.0	
AgriPro	SY 547	82.3	50.6	11.3	
Burtch Seed	Strike 203	80.9	51.6	37.5	
Beck's Hybrids	721	80.8	51.7	0.5	
Beck's Hybrids	726	78.8	51.5	3.8	
Beck's Hybrids	120	77.3	51.4	10.0	
AgriPro	SY 100	77.1	48.1	27.5	
Dyna-Gro	9002	75.3	52.5	10.0	
AgriPro	SY 576	71.8	50.4	1.3	
Burtch Seed	Strike 403	71.4	53.3	0.0	
Average		83.8	53.0		

Thanks to Cooperators: Dennis Nowaski, Purdue Southwest Ag. Center in Knox County

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