

2019 KNOX & WARRICK COUNTY WHEAT VARIETY TRIALS

Attached are the results from the Knox and Warrick County Purdue Extension Wheat Variety Trials. We want to express our appreciation to our Cooperators: Wesley Miller in Warrick County and Farm Manager, Dennis Nowaski 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: Some of the varieties in the Warrick plot did suffer some lodging. Special thanks to Dr. Chuck Mansfield for his help throughout the year, scouting the plots and rating the lodging and heading dates for the Knox County plot. Also, for harvesting and statistical analysis for both plots. Thanks are due to Kyle Davis of Boonville for transporting harvest equipment. Contact us if you would like more information about either of these plots. Thanks- Nick, Amanda, Addie, David, 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>
Agri MAXX Wheat Company	Dale Wehmeyer	(855) 629-9432
Baker Seeds	Debbie Baker	(618) 456-8851
Beck's	Kurt Karch	(812) 483-4635
Dyna-Gro (Nutrien)	Landon Taylor	(270) 231-6977
Pioneer	Emily Seib	(812) 202-5677
Syngenta Seeds (AgriPro)	Ryan Heiniger	(252) 814-5425
DKD Genetics	Daniel Dorney	(812) 249-3225
ProHarvest Seeds	Tom Forrest	(866) 807-7015

2019 WARRICK COUNTY WHEAT PLOT

COMPANY NAME	VARIETY	AVG. YIELD
AgriPro	SY547	103.9 *
Pioneer	P25R74	102.8 *
DKD Genetics	SPS400	96.6 *
AgriMAXX	473	96.6 *
Pioneer	P25R77	94.6 *
Beck's Hybrids	120	94.0 *
Dyna-Gro	9862	93.8 *
Beck's Hybrids	726	92.2 *
ProHarvest	286	91.7 *
DKD Genetics	SPS600	91.5 *
Dyna-Gro	9941	91.3 *
DKD Genetics	SPS500	89.2 *
Baker Seeds	Branson	88.7 *
AgriMAXX	454	87.1 *
AgriMAXX	485	85.2
Beck's Hybrids	702	84.3
Dyna-Gro	9980	81.4
AgriMAXX	495	79.3
AgriPro	SY100	78.7
AgriPro	SYViper	78.6
ProHarvest	317	76.6
Dyna-Gro	9932	74.8
Beck's Hybrids	730	64.7

2019 Warrick County Wheat Plot Information

Minimum significant difference for YIELD is: 17.1 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: 13.80
 Average yield for the plot is 88.7 bu/acre

Planting Date: 10/13/19

Harvest Date: 6/28/19

Fall Fertilizer: None

Population: 1.7 millions seeds/acre

Nitrogen Topdress: 3/4/19

34 gal. 28-0-0 w/ Agrotain

4/4/19: 1 pt. sulfur

Pesticides:

4/4/19: 0.5 oz. Nimble, 2 oz. Priaxor, 2 oz. Propi-star, 1.5 oz. Lamcap II

5/6/19: 7 oz. Prosaro, 1.5 oz. Lamcap II

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 from Purdue University at the Vincennes University campus for help with plot work & statistical analysis. Thanks to Kyle Davis for help hauling the combine between storage and the plot.

87.7

For Additional Information Contact:

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2019 KNOX COUNTY WHEAT PLOT

COMPANY NAME	VARIETY	BU Yield	Test Wt	Heading		Lodge, %	2019 Knox County Wheat Plot Information
				Date	HT, in.		
Dyna-Gro	9941	99.7 *	56.79	7-May	37.5	1.3	
Beck's Hybrids	726	99.0 *	57.19	8-May	37.8	1.3	Minimum significant difference for YIELD is: 4.4 bu.
Dyna-Gro	9932	98.1 *	58.69 *	7-May	39.3	2.5	Any pairwise comparison is appropriate.
AgriMAXX	454	97.9 *	57.32	8-May	39.5	0.0	YIELDS followed by an asterisk (*) are not significantly
AgriPro	SYViper	97.0 *	58.64 *	4-May	40.8	10.0	different from the highest yield.
Pioneer	P25R74	96.6 *	57.02	7-May	36.0	0.0	
AgriPro	SY100	95.8 *	54.44	8-May	37.3	20.0	Coefficient of variation (for yield) is: 3.35
Baker Seeds	Branson	94.1	56.52	4-May	38.8	1.3	Average yield for the plot is 93 bu/acre
AgriMAXX	495	93.8	57.81	7-May	39.5	0.0	
Beck's Hybrids	730	93.8	57.52	9-May	39.0	10.0	Planting Date: 10/12/18
Beck's Hybrids	120	93.7	55.52	5-May	36.5	0.0	Harvest Date: 6/28/19
AgriPro	SY547	93.6	57.08	5-May	42.0	7.5	Fall Fertilizer:
DKD Genetics	SPS400	93.5	56.85	5-May	41.5	2.5	10/08/18: 50 lbs. 46-0-0, 200 lbs. 0-0-61
ProHarvest	286	92.8	57.02	5-May	38.5	31.3	Population: 1.7 million seeds/acre
DKD Genetics	SPS600	91.3	56.04	6-May	41.0	57.5	Nitrogen Topdress: Yes
AgriMAXX	485	90.8	57.39	9-May	38.0	1.3	2/27/19: 150 lb/ac urea + 50 lb/ac KMag
Dyna-Gro	9862	90.6	58.10 *	10-May	38.3	0.0	4/3/19: + 3.5 lb/ac 14.3% B (113 lbs. of N)
ProHarvest	317	90.5	58.13 *	10-May	38.0	0.0	(69-0-11-5.5-11-0.5 lb/ac of N-P2O5-K2O-Mg-S-B per app.)
AgriMAXX	473	90.2	57.95 *	7-May	41.3	0.0	Pesticides:
Dyna-Gro	9980	88.0	58.56 *	5-May	36.0	0.0	4/10/2109 - Harmony Extra was applied at 0.75 oz/acre
Pioneer	P25R77	87.8	57.41	6-May	36.8	0.0	(0.375 oz a.i./acre) plus NIS at 0.25% v/v, 10 GPA and 40
DKD Genetics	SPS500	86.0	55.40	8-May	39.8	26.3	psi.
Beck's Hybrids	702	83.6	58.26 *	6-May	35.0	8.8	Thanks to Cooperators: Dennis Nowaski, Purdue Southwest Ag. Center in Knox County

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