

2018 KNOX & SPENCER COUNTY WHEAT VARIETY TRIALS

Attached are the results from the Knox and Spencer County Purdue Extension Wheat Variety Trials. We want to express our appreciation to our Cooperators: Wesley Miller in Spencer 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: The Spencer County plot was planted on October 19, 2017. The Knox County plot was planted on October 20, 2017. Some of the varieties in the Knox 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, 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 (CPS)	Brain Sims	(812) 646-5157
Dupont Pioneer	Emily Seib	(812) 202-5677
Syngenta Seeds (AgriPro)	Ryan Heiniger	(252) 814-5425

2018 SPENCER COUNTY WHEAT PLOT

COMPANY NAME	VARIETY	AVG. MOIST.	AVG. YIELD
Dyna-Gro	DG 9772	12.4	97.00 *
AgriPro	547	12.4	95.40 *
Beck's Hybrids	125	12.4	93.23 *
Baker Seeds	Branson	12.4	92.23 *
Beck's Hybrids	726	12.4	91.13 *
AgriMAXX	446	12.4	88.80 *
Pioneer	25R77	12.4	86.43
Pioneer	25R74	12.4	85.88
AgriPro	SY VIPER	12.4	85.78
Dyna-Gro	9862	12.4	84.30
Beck's Hybrids	721	12.3	84.20
Dyna-Gro	9750	12.4	83.95
Beck's Hybrids	120	12.3	82.65
Baker Seeds	210S	12.3	82.23
AgriMAXX	473	12.4	81.93
AgriMAXX	444	12.5	80.70
AgriPro	SY 100	12.4	78.90
Dyna-Gro	9701	12.4	78.40
AgriMAXX	463	12.3	77.53
Baker Seeds	220B	12.4	68.78

2017 Spencer County Wheat Plot Information

Minimum significant difference for YIELD is: 9.71 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: 8.07

Average yield for the plot is 85.0 bu/acre

Planting Date: 10/19/17

Harvest Date: 6/19/18

Fall Fertilizer: 2017

Unknown

Population: 1.7 million seeds/acre

Nitrogen Topdress: Yes

03/06/18: 28% (100 lbs. of N)

Pesticides:

3/6/18: T-Square 0.5 oz./A, Lambda T2 1.25 oz.

5/12/18: Prosaro fungicide, 6.2 oz./A, Lambda T2 1.25 oz./A

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.

12.4 85.0 91.3

For Additional Information Contact:

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2018 KNOX COUNTY WHEAT PLOT

COMPANY NAME	VARIETY	BU Yield	Test Wt	Heading		2018 Knox County Wheat Plot Information
				Date	HT, in.	
AgriPro	SY 100	76.8 *	53.24	12-May	27.3	Minimum significant difference for YIELD is: 20.0 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: 24 Average yield for the plot is 59 bu/acre Planting Date: 10/20/17 Harvest Date: 6/18/18 Fall Fertilizer: 10/16/17: 100 lbs. 18-46-0, 200 lbs. 0-0-61 Population: 1.7 million seeds/acre Nitrogen Topdress: Yes 3/12/18: 200 lb/ac urea + 100 lb/ac AMS + 7 lb/ac 14.3% B (113 lbs. of N) (Total Nitrogen/A., all sources: 131 lbs./A.) Pesticides: 4/20/18: Harmony Extra @ 0.6 oz/acre 5/15/18: Prosaro @ 8 fl. oz. /acre
AgriMAXX	444	75.2 *	55.90 *	12-May	29.0	
AgriPro	SY VIPER	70.6 *	56.45 *	11-May	27.2	
Baker Seeds	220B	69.8 *	56.21 *	13-May	27.8	
Baker Seeds	Branson	67.4 *	55.13 *	10-May	26.9	
Beck's Hybrids	726	65.7 *	53.90	10-May	27.6	
AgriMAXX	473	65.4 *	54.79	12-May	29.7	
AgriPro	547	65.2 *	57.08 *	11-May	27.1	
Pioneer	25R74	64.2 *	55.53 *	11-May	26.6	
Beck's Hybrids	120	63.1 *	53.45	10-May	25.2	
Beck's Hybrids	125	60.2 *	55.39 *	12-May	27.5	
Pioneer	25R77	59.8 *	53.53	10-May	26.0	
Beck's Hybrids	721	55.3	54.55	12-May	28.6	
Dyna-Gro	9772	53.7	53.97	10-May	26.7	
Dyna-Gro	9862	53.4	54.44	13-May	24.0	
Dyna-Gro	9701	51.6	53.32	13-May	27.3	
Dyna-Gro	9750	46.0	52.54	10-May	26.2	
AgriMAXX	446	43.0	54.46	13-May	23.3	
AgriMAXX	463	40.5	52.33	10-May	24.9	
Baker Seeds	210S	37.7	46.53	9-May	24.2	

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

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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.

59.2

54.1

26.7

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