

**2022 KNOX COUNTY WHEAT VARIETY TRIAL**

Attached are the results from the Purdue Extension-Knox County Wheat Variety Trial. We want to express our appreciation to our Cooperator: Farm Superintendent Dennis Nowaskie at the Southwest Purdue Agricultural Center (SWPAC) for his patience and cooperation in allowing us to conduct this wheat trial on his farm. If you have any questions about this plot, 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 Hans Schmitz and Valerie Clingerman for their efforts coordinating and assisting in planting and harvesting the trial. Contact us if you would like more information about either of these plots. Thanks- Valerie, Nick, Amanda, Maegan, Alex, Sarah, and Aaron

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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 trial in Knox County.

<b><u>COMPANY</u></b>	<b><u>NAME</u></b>	<b><u>PHONE #</u></b>	<b><u>EMAIL</u></b>
AgriMaxx	Matt Wehmeyer	(618) 971-6552	<a href="mailto:matt@agrimaxxwheat.com">matt@agrimaxxwheat.com</a>
Beck's	Kurt Karch	(812) 483-4635	<a href="mailto:kkarch@beckshybrids.com">kkarch@beckshybrids.com</a>
DKD Genetics	Daniel Dorney	(812) 249-3225	<a href="mailto:danielkdorney@gmail.com">danielkdorney@gmail.com</a>
Grow Pro Genetics	Ken Davis	(815) 953-2041	<a href="mailto:ken.davis@growprogenetics.com">ken.davis@growprogenetics.com</a>
Pioneer Seeds	Dan Emmert	(812) 582-3641	<a href="mailto:daniel.emmert@pioneer.com">daniel.emmert@pioneer.com</a>

**2022 KNOX COUNTY WHEAT PLOT**

<b>COMPANY NAME</b>	<b>VARIETY</b>	<b>BU Yield</b>	<b>Test Wt</b>	
Grow Pro Genetics	GP747	128.4066 *	53.2	<b>For Additional Information</b> <b>Contact:</b> Aaron Neufelder Purdue Extension, Posey County 126 E. Third St., Room 29 Mt. Vernon, IN 47620 (812) 838-1331 aneufeld@purdue.edu  <b>Thanks to Cooperator:</b> Dennis Nowaskie, Southwest Purdue Ag. Center in Knox County
Grow Pro Genetics	GP463	126.4188 *	53.4	
AgriMaxx Wheat Company	AM2110	125.6872 *	56.3	
DKD Genetics, Inc.	DKD550	124.4529 *	53.9	
DKD Genetics, Inc.	DKD420	124.4361 *	53.3	
Pioneer Seeds	P25R74	124.1824 *	54.2	
Pioneer Seeds	P25R64	123.8613 *	54.1	
Beck's Hybrids	Becks732	119.8917 *	56.2	
Pioneer Seeds	P25R76	119.8875 *	56.4	
Beck's Hybrids	Becks727	116.7701 *	56.3	
Grow Pro Genetics	GP381	115.5052	55.5	
AgriMaxx Wheat Company	AM513	115.4276	56.5	
Grow Pro Genetics (Agripro)	SYViper	114.5538	55.0	
Beck's Hybrids	Becks724	112.7145	55.9	
AgriMaxx Wheat Company	AM505	112.3883	58.5	
DKD Genetics, Inc.	DKD300	106.4291	55.4	
AgriMaxx Wheat Company	AM503	98.85369	56.8	
Average		118.2	55.3	

**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.**

**2022 Knox County Wheat Plot Information**

Minimum significant difference for YIELD is: 11.7 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: 6.97

Average yield for the plot is 118.22 bu/acre

**Planting Date:** 11/4/2021

**Harvest Date:** 6/27/22

**Fall Fertilizer:**

10/27/21: 100# 18-46-0, 200 lbs. 0-0-60

**Population:** 1.7 million seeds/ac

**Nitrogen Topdress:** Yes

3/04/22: 200 lb 46-0-0/ac

100 lb 21-0-0-24(S)/ac

**Pesticides:** 3-29-22-Harmony Extra-.75 oz/ac