

2025 ADAMS COUNTY Soybean Test Plot Results



Did you know?

- Indiana is a leading soybean producer, ranking fourth nationally in planted acres, with a production that consistently exceeds 300 million bushels annually.

Sponsored by: Adams County Crops Committee and the ANR Advisory Board

Also available at: www.extension.purdue.edu/adams

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2025 Yield Performance and Weather

Planting date, maturity group and weather had a lot to do with yield variation this year. Adams County was fairly dry going into spring. Some took a chance and planted at the end of April before it turned wet until mid-May. Had a few tornadoes touch down in early April and then had this dust storm on May 16th; neither of which causing much crop damage. However, after some rain at the end of July, it sure turned hot and dry. Most of the county maybe picked up 3 tenths of rain or less in August. Fort Wayne news reported the driest September in 30 years.

An early planting date seemed to produce better yields along with earlier maturity due to such dry and hot conditions at the end of the growing season. Some cooperators do put on fall manure which assist in yields.

The Adams County Crops Committee strives to adapt the soybean plots to answer the trends in the seed market. This year, there were 3 different Variety Trials which were split into 3 maturity groups which included different technologies; as long as they have Liberty as the common trait to assist with fighting weed pressure.

MATURITY 2.6 TO 2.9

5 VARIETIES

3 DIFFERENT LOCATIONS

MATURITY 3.0 TO 3.3

6 VARIETIES

3 DIFFERENT LOCATIONS

MATURITY 3.5 TO 3.8

6 VARIETIES

3 DIFFERENT LOCATIONS

Thank You

The Adams County Extension Service wants to thank all the agricultural cooperators for their quality work on the plots. Each year they help collect valuable yield data that is used to make variety selection decisions. Also, thanks to all the seed dealers for their resources. A special thanks to Chairman, Klint Moser and Treasurer, Randy Roe for their time and leadership on behalf of the Crops Committee.

Materials and Methods

Up to 3 varieties were accepted from each seed company of their choice. All entrants paid an entry fee, which assists with annual scholarships for students going into the college of agriculture. The seed was used as delivered and were randomly planted in each plot. All varieties needed the Liberty common trait so cooperators could use better herbicides to fight weed pressure.

Experimental units were planted and harvested by farmer/cooperators using their equipment. The Adams County Cooperative Extension Service obtained gross weight and moisture data.

Agriculturally Yours,



Brad Kohlhausen
Adams County Agriculture and Natural Resource Extension Educator

RAINFALL DATA

Preble	Root	Union
Kirkland	Washington	St. Mary's
	ALVIN SCHWARTZ May 4.35 June 3.18 July 4.07 Aug 0.45 Sept. <u>1.81</u> Total 13.86	RANDY ROE May 6.80 June 3.10 July 5.30 Aug. 0.45 Sept. <u>1.20</u> Total 16.85
French	Monroe	Blue Creek
	DAN KAMINSKY May 3.11 June 3.58 July 4.57 Aug 0.57 Sept. <u>2.31</u> Total 14.14	JEFF LEHMAN May 5.80 June 3.20 July 6.25 Aug. 0.35 Sept. <u>2.65</u> Total 24.05
Hartford	Wabash	Jefferson
	LEHMAN FEED MILL May 4.85 June 4.10 July 6.50 Aug. 1.15 Sept. <u>2.65</u> Total 25.20	BRAD KOHLHAGEN May 4.11 June 2.23 July 3.91 Aug. 0.00 Sept. <u>1.43</u> Total 11.68

PLOT LOCATIONS

Preble	Root	Union Richard Marbach ★
Kirkland Ron Aschliman ★	Washington	St. Mary's Dan Roe Jon Roe ★ ★
French ★ Klint & Kurt Moser ★ Tim Tonner	Monroe ★ Alvin Schwartz ★ Justin White Dan Kaminsky ★	Blue Creek
Hartford	Wabash	Jefferson

2025 ADAMS COUNTY PLOT COOPERATORS

Ron Aschliman 5565 W 200 N Decatur, IN 46733	Dan Kaminsky 225 West Jackson Street Monroe, IN 46772	Richard Marbach 7620 N 600 E Decatur, IN 46733
Klint & Kurt Moser 405 S 500 W Decatur, IN 46733	Dan Roe 358 N 650 E Decatur, IN 46733	Jon Roe 1373 N US Highway 33 Decatur, IN 46733
Alvin Schwartz 1145 West State Road 124 Monroe, IN 46772	Tim Tonner 4984 W 100 S-1 Bluffton, IN 46714	Justin White 4900 E 200 S Monroe, IN 46772

ADAMS COUNTY EXTENSION CROPS COMMITTEE/ANR ADVISORY BOARD

Klint Moser, Chair	Mike Jones	Kurt Moser
Randy Roe, Treasurer	Dan Kaminsky	Steve Redelman
Brad Abnet	Brad Kohlhaben	Richard Rhoades
Dan Abnet	Gene Kuhn	Dan Roe
Ralph Aschliman	Kurt Kuhn	Jon Roe
Ron Aschliman	Adam Lehman	Andrew Schaefer
Katie Bluhm	Jeff Lehman	Lynn Selking
Paul Bluhm	Nathan Lehman	Nate Selking
Corey Bulmahn	Patrick Lehman	Tim Tonner
Dennis Caffee	Gregg Liechty	Gene Witte
Tim Frock	Richard Marbach	Justin White
Elliot Gehres	Scott Marbach	Jeff Yoder
Todd Gehres	Brian Mitchem	

2025 Soybean Seed Company Representatives		Variety Numbers	
Asgrow			
Bill Stoller 5920 W 100 S Decatur, IN 46733 (260) 437-6593 stollerb@helenaagri.com	Local Providers: Helena Agri—Craigville, Micah Borne Helena Agri— Berne	27XF3 36XF4 38XF3	
BASF (Xitavo)			
Cole Mize (260) 306-1699 cole.mize@basf.com	Local Providers Simplot Grower Solutions, Monroe Helena Agri – Berne	XO 3014 E XO 3375 E XO 3555 E	
Beck's Hybrids			
Tyler Downing 6767 E 276 th Street Atlanta, IN 46031 (317) 517-9268 tyler.downing@beckshybrids.com	Local Providers: Corey Bulmahn, Decatur Lehman Feed Mill, Berne	2660 E3 2950 E3 3650 E3	
Dairyland Seed			
Bob Purlee 4314 Huntley Court Fort Wayne, IN 46814 Cell:260-414-2301 bpurlee@dairylandseed.com	Local Provider: Isch Seeds/Blare Gerber, Bluffton Selking Farms, Decatur	2838E 3178E 3612E	
LG Seeds			
Jake Stephan (260) 330-1811 jacob.stephan@lgseeds.com	Local Providers: Simplot Grower Solutions, Monroe Charlie Muhlenkamp, Bryant	3000 E3 3240 E3 3570 E3	
Pioneer—A DuPont Company			
Traci Bultemeier (260) 414-3206 traci.bultemeier@pioneer.com	Local Providers: Mike Brown/Brown Seeds LLC, Decatur Conner Schwartz Chris Steele/Steele Farms, Decatur	P28Z30E P31Z03E	

2.6 TO 2.9 MATURITY YIELD RESULTS (DRY BU/A)

Company	Variety	Maturity	Kaminsky	Dan Roe	Schwartz	Average
Becks	2660 E3	2.6	53.8	64.0	63.5	60.4
Asgrow	27XF3	2.7	* NA	57.6	* NA	57.6
Pioneer	P28Z30E	2.8	52.8	56.6	61.2	56.8
Becks	2950 E3	2.9	52.5	56.4	60.5	56.5
Dairyland	2838E	2.8	53.0	54.1	61.0	56.1
AVERAGE			53.0	57.7	61.6	57.5

(*) = Plot lost due to herbicide injury

Dan Kaminsky

Previous Crop: Soybeans

Tillage: No-till

Planting Date: May 17

Row Width: 30"

Herbicides: Pre—Verdict 5oz/A, Galvan 24 oz/A, Envy 6 Max 32oz/A, Havoc 12.8 oz/A, Invade RST 1 qt /100 gal, Traverse 2qt/100 gal

Post—Enlist One 1qt/A, Envy 6 Max 1qt/A, Rover 2qt/ 100 gal, Traverse 2qt/100 gal

Plot Size: .289 of an acre

Harvest Date: October 8



Dan Roe

Previous Crop: Soybeans

Tillage: Conventional

Planting Date: June 1

Row Width: 30"

Herbicides: Liberty, Dual; Foliar feed of Boost

Plot Size: .158 of an acre

Harvest Date: September 29



Alvin Schwartz

Previous Crop: Soybeans

Tillage: No-till

Planting Date: May 19

Row Width: 30"

Herbicides: Pre—Verdict 5oz/A, Galvan 24 oz/A, Envy 6 Max 32oz/A, Havoc 12.8 oz/A, Invade RST 1 qt /100 gal, Traverse 2qt/100 gal

Post—Enlist One 1qt/A, Envy 6 Max 1qt/A, Rover 2qt/ 100 gal, Traverse 2qt/100 gal

Plot Size: .158 of an acre

Harvest Date: October 8

3.0 TO 3.3 MATURITY YIELD RESULTS (DRY BU/A)

Company	Variety	Maturity	Marbach	Jon Roe	White	Average
Pioneer	P31Z03E	3.1	73.1	54.2	45.1	57.5
BASF (Xitavo)	XO 3014 E	3.0	63.2	56.4	49.5	56.4
BASF (Xitavo)	XO 3375 E	3.3	68.8	47.9	51.0	55.9
LG Seeds	3240 E3	3.2	64.5	50.9	49.4	54.9
Dairyland	3178 E	3.1	69.7	51.0	42.3	54.3
LG Seeds	3000 E3	3.0	63.7	53.3	43.8	53.6
AVERAGE			67.2	51.5	46.8	55.4

Richard Marbach

Previous Crop: Corn

Tillage: No-till

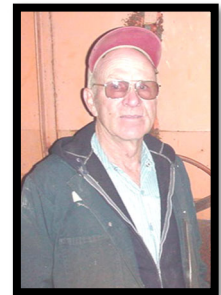
Planting Date: April 25

Row Width: 15"

Herbicides: Pre—Valor XLT@3oz, Dimetric@4oz, Roundup Powermax@30oz, LiquidMax@2qt. Post—Enlist one@1qt, Roundup Powermax@30oz, Liquidmax@2qt
Fungicide—Miravis Neo@13.7oz, Grizzly Too@1.6oz, Master Lock@6.4oz

Plot Size: .314 of an acre

Harvest Date: September 29



Jon Roe

Previous Crop: Soybeans

Tillage: Conventional

Planting Date: June 1

Row Width: 30"

Herbicides: Liberty, Dual; Foliar feed of Boost

Plot Size: .158 of an acre

Harvest Date: September 29



Justin White

Previous Crop: Soybeans

Tillage: Conventional

Planting Date: May 29

Row Width: 7.5"

Herbicides: Liberty, 1 quart Boost

Plot Size: .310 of an acre

Harvest Date: October 4



3.5 TO 3.8 MATURITY YIELD RESULTS (DRY BU/A)

Company	Variety	Maturity	Aschliman	Moser	Tonner	Average
Asgrow	38XF3	3.8	82.8	85.1	74.7	80.9
BASF (Xitavo)	XO 3555 E	3.5	81.4	82.4	77.3	80.4
Asgrow	36XF4	3.6	79.2	84.6	73.3	79.0
Dairyland	3612 E	3.6	80.7	82.8	69.6	77.7
Becks	3650 E3	3.6	77.8	83.0	70.8	77.2
LG Seeds	3570 E3	3.5	74.3	79.4	67.0	73.5
AVERAGE			79.4	82.9	72.1	78.1

Ron Aschliman

Previous Crop: Corn

Tillage: Minimum till

Planting Date: April 29

Row Width: 15"

Herbicides: Pre— Canopy DG, Sharpen, Firezone, PowerMax, Request;
Post— Liberty

Plot Size: .176 of an acre

Harvest Date: October 9



Kurt & Klint Moser

Previous Crop: Corn

Tillage: No-till

Planting Date: May 12

Row Width: 15"

Herbicides: Burndown—Roundup 32oz, Antares 4oz, Metribuzin 6oz, Weed Rhap 12oz, Fire zone 1 gal/100 gal water; Post— Liberty, Showdown 1qt/A, Sinister 10oz, Request 2qt/100gal water, ENC 2qt, Axilo Mn 3/4lb, Megafol 16oz, Tap out 8oz; Post— Coron 2qt, Viathon 1qt, Lambda 1.6oz, Utilize 8oz, A frame 5oz, Cidewinder 1pt/100 gal water

Plot Size: .402 of an acre

Harvest Date: October 8



Tim Tonner

Previous Crop: Corn

Tillage: No-till

Planting Date: April 25

Row Width: 15"

Herbicides: Pre—Roundup & Boundary; Post—Roundup, Liberty, Metal 2

Plot Size: .197 of an acre

Harvest Date: October 3



Extension provides a current source of research based information. Education and training assistance is given to individuals and businesses with agriculture-related needs and interests.

OTHER RANDOM PURDUE ON THE FARM RESEARCH

How does Ammonium Sulfate affect soybean yields?

Ammonium Sulfate trial on soybeans	
Planted: May 19, 2025	
Harvested: October 8, 2025	
100# of Ammonium Sulfate	63.4 bushel/acre
Untreated	61.3 bushel/acre

Is there a yield difference in different day corn? Is there a yield drag with the new "short" corn varieties to inter-seed cover crops?

Different day corn & "short" corn trials		
Planted: May 30, 2025		
Harvested: October 22, 2025		
Variety #2	106 Day	172.5 bu/ac
Variety #3	107 Day	158.2 bu/ac
Variety #6	104 Day	153.1 bu/ac
Variety #4	110 Day	151.9 bu/ac
Variety #1 ("short" corn)	109 Day	151.4 bu/ac
Variety #5	110 Day	147.2 bu/ac

Thanks to Adams County SWCD Director Mikila Cook for sponsoring these special research projects along with SWCD Agronomist Dan Kaminsky for the implementation and resources.

All Varieties — Soybean Plots Average Yield

2000	49.1
2001	57.5
2002	42.2
2003	36.5
2004	59.5
2005	42.6
2006	55.1
2007	58.5
2008	42.5
2009	57.1
2010	51.4
2011	58.9
2012	60.6
2013	63.3
2014	68.8
2015 *	52.2
2016	68.5
2017	61.9
2018	73.9
2019	56.1
2020	71.1
2021	67.9
2022	68.7
2023	67.4
2024	66.4
2025	63.7

* = Extremely wet year

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8:00 AM—4:00 PM

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