

2022 ADAMS COUNTY Soybean Test Plot Results



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

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

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All Varieties Average Yield.....Back Cover

2022 Yield Performance and Weather

Adams County weather again made for an interesting year. Most of our soybeans were planted a little later than normal as we remained cool and wet until mid-May. Some plots had some stand issues as pending on the planting date they got some heavy rains, including an end of May couple inch rain pending on where you were in the county. June turned out extremely hot and dry. However, we did get pretty good rains throughout the summer, yet we could have used a little more heat and rain in August/September. There was more variation between yields this year; both between plots and actually within the plot itself. Cooperators seem to agree that they were witnessing this with the rest of the fields also. I feel planting date, soybean stands and rainfall timing were factors. 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: Roundup, Xtend, GT, Enlist, etc. However, Liberty was the common trait.

MATURITY 2.8 TO 3.1	8 VARIETIES	3 DIFFERENT LOCATIONS
MATURITY 3.2 TO 3.5	8 VARIETIES	3 DIFFERENT LOCATIONS
MATURITY 3.6 TO 3.9	7 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. Because of continued weed pressure with Glyphosate, this was the first year we accepted all varieties with Liberty being the common trait. Cooperators could then use Liberty 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 Kohlhagen
Adams County Agriculture and Natural Resource Extension Educator

RAINFALL DATA

<p>Preble</p>	<p>Root</p>	<p>Union</p> <table border="1" data-bbox="1094 478 1273 695"> <tr><td colspan="2">RICHARD MARBACH</td></tr> <tr><td>May</td><td>3.4</td></tr> <tr><td>June</td><td>2.5</td></tr> <tr><td>July</td><td>6.4</td></tr> <tr><td>Aug.</td><td>5.6</td></tr> <tr><td>Sept.</td><td>1.4</td></tr> <tr><td>Total</td><td>19.3</td></tr> </table> 	RICHARD MARBACH		May	3.4	June	2.5	July	6.4	Aug.	5.6	Sept.	1.4	Total	19.3																												
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<p>French</p>	<p>Monroe</p> <table border="1" data-bbox="652 1255 831 1499"> <tr><td colspan="2">LEHMAN FEED MILL</td></tr> <tr><td>May</td><td>5.60</td></tr> <tr><td>June</td><td>1.60</td></tr> <tr><td>July</td><td>8.45</td></tr> <tr><td>Aug.</td><td>3.05</td></tr> <tr><td>Sept.</td><td>3.20</td></tr> <tr><td>Total</td><td>21.9</td></tr> </table> 	LEHMAN FEED MILL		May	5.60	June	1.60	July	8.45	Aug.	3.05	Sept.	3.20	Total	21.9	<p>Blue Creek</p> <table border="1" data-bbox="987 1222 1166 1440"> <tr><td colspan="2">JEFF LEHMAN</td></tr> <tr><td>May</td><td>4.30</td></tr> <tr><td>June</td><td>2.35</td></tr> <tr><td>July</td><td>8.15</td></tr> <tr><td>Aug.</td><td>2.20</td></tr> <tr><td>Sept.</td><td>2.50</td></tr> <tr><td>Total</td><td>19.5</td></tr> </table>  <table border="1" data-bbox="1292 1327 1464 1549"> <tr><td colspan="2">BRAD KOHLHAGEN</td></tr> <tr><td>May</td><td>4.40</td></tr> <tr><td>June</td><td>2.49</td></tr> <tr><td>July</td><td>7.11</td></tr> <tr><td>Aug.</td><td>1.94</td></tr> <tr><td>Sept.</td><td>2.26</td></tr> <tr><td>Total</td><td>18.2</td></tr> </table> 	JEFF LEHMAN		May	4.30	June	2.35	July	8.15	Aug.	2.20	Sept.	2.50	Total	19.5	BRAD KOHLHAGEN		May	4.40	June	2.49	July	7.11	Aug.	1.94	Sept.	2.26	Total	18.2
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PLOT LOCATIONS

<p>Preble</p>	<p>Root</p>	<p>Union</p> <p>Richard Marbach ★</p>
<p>Kirkland</p> <p>Ralph & Ron Aschliman ★</p> <p>Klint & Kurt Moser ★</p>	<p>Washington</p> <p>Adams Central FFA ★</p>	<p>St. Mary's</p> <p>Dan Roe ★</p>
<p>French</p> <p>★</p> <p>Tim Tonner</p>	<p>Monroe</p> <p>★</p> <p>Justin White</p>	<p>Blue Creek</p> <p>Tim Frock ★</p> <p>Andrew Schaefer ★</p>
<p>Hartford</p>	<p>Wabash</p>	<p>Jefferson</p>

2022 ADAMS COUNTY PLOT COOPERATORS

Adams Central FFA Chapter 222 W. Washington Street Monroe, IN. 46772	Ralph & Ron Aschliman 5565 W 200 N Decatur, IN. 46733	Tim Frock 2238 S 500 E 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
Andrew Schaefer 2510 S 650 E Monroe, IN. 46772	Tim Tonner 4984 W 100 S-1 Bluffton, IN. 46714	Justin White 1287 S 500 E 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 Kohlhagen	Richard Rhoades
Dan Abnet	Gene Kuhn	Dan Roe
Ralph Aschliman	Kurt Kuhn	Andrew Schaefer
Ron Aschliman	Adam Lehman	Lynn Selking
Katie Bluhm	Jeff Lehman	Nate Selking
Paul Bluhm	Nathan Lehman	Jason Shuck
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	

Soybean Seed Company Representatives		Variety Numbers	
Asgrow			
Bill Stoller 5920 W 100 S Decatur, IN. 46733 (260) 437-6593 stollerb@helenaagri.com	Local Providers: <i>Helena Agri—Craigville, Micah Borne Helena Agri— Berne</i>	33XF2 35XF1 38XF1	
BASF			
Cole Mize (260) 306-1699 cole.mize@basf.com	Local Providers Simplot Grower Solutions, Monroe Helena Agri – Berne	XO 2832E XO 3131E XO 3651E	
Beck's Hybrids			
Tyler Downing 6767 E 276 th Street Atlanta, IN. 46031 (317) 517-9268 tyler.downing@beckshybrids.com	Local Providers: <i>Corey Bulmahn, Decatur John Frank, Decatur Lehman Feed Mill, Berne</i>	2830 E3 3555XF 3730 E3	
Dairyland			
Bob Purlee 4314 Huntley Court Fort Wayne, IN 46814 Cell:260-414-2301 bpurlee@dairylandseed.com	Local Provider: <i>Abnet Field Solutions, Berne Isch Seeds/Blare Gerber, Bluffton Selking Farms, Decatur</i>	3177E 3587E	
LG Seeds			
Kyle Malcolm 4076 E 600 N Churubusco, IN 46723 (260) 908-4290 kyle.malcolm@lgseeds.com	Local Providers: <i>Charlie Muhlenkamp, Bryant</i>	3098XF 3253XF 3572XF	
Innvictis Seed Solutions			
Jeff Prickett 1522 S. 000 Road Monroe, IN. 46772 (260) 692-1492 jeff.prickett@simplot.com	Local Providers: <i>Simplot Grower Solutions, Monroe</i>	2811XF 3461E 3701E	
Pioneer—A DuPont Company			
Traci Bultemeier (260) 414-3206 traci.bultemeier@pioneer.com	Local Providers: <i>Mike Brown/Brown Seeds LLC, Decatur Shawn Kiess, Decatur Nidlinger Farms, Decatur Chris Steele/Steele Farms, Decatur</i>	P29A19E P31A73E P37A18E	
Stine			
Jody Nusbaumer 0364 W. 1000 S. Keystone, IN. 46759 (765) 348-7786 jlnusbaumer@stineisr.com	Local Providers: <i>Helena Agri Bill Stoller</i>	33EC02 36EB32 39EB20	

2.8 TO 3.1 MATURITY YIELD RESULTS (DRY BU/A)

Company	Variety	Maturity	Adams Central FFA	Marbach	Roe	Average
LG Seeds	3098XF	3.0	59.2	83.6	NA	71.4
Pioneer	P29A19E	2.9	55.4	84.0	NA	69.7
Pioneer	P31A73E	3.1	54.8	82.7	NA	68.8
BASF (Xitavo)	XO 2832E	2.8	58.2	76.3	NA	67.3
Becks	2830 E3	2.8	57.1	75.9	NA	66.5
Dairyland	3177E	3.1	55.7	77.2	NA	66.5
Innvictis	2811XF	2.8	56.4	76.4	NA	66.4
BASF (Xitavo)	XO 3131E	3.1	55.8	76.1	NA	65.9
AVERAGE			56.6	79.0	NA	67.8

Adams Central FFA

Previous Crop: Corn

Planting Date: May 13

Herbicides: Liberty, Clethodim; 100#/acre pell lime, 200#/acre of 4-22-30

Plot Size: .262 of an acre

Harvest Date: October 5

Tillage: No-till

Row Width: 7.5"



Richard Marbach

Previous Crop: Corn

Planting Date: May 19

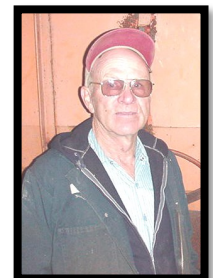
Herbicides: Pre—Gramoxone, Dimetric, Valor XLT, Super BHC Post—Roundup Power Max, Classact Flex HG Fungicides: Miravise, Grizzly, Masterlock

Plot Size: .385 of an acre

Harvest Date: October 7

Tillage: No-till

Row Width: 15"



Dan Roe

PLOT UNABLE TO BE A HARVESTED "Fairly"

(Lost plot & had to replant)



**3.2 TO 3.5 MATURITY
YIELD RESULTS (DRY BU/A)**

Company	Variety	Maturity	Aschliman	Schaefer	White	Average
Becks	3555XF	3.5	80.8	77.9	NA	79.4
Asgrow	35XF1	3.5	76.5	77.3	NA	76.9
Dairyland	3587E	3.5	77.5	76.3	NA	76.9
LG Seeds	3572XF	3.5	76.8	75.7	NA	76.3
Innvictis	3461E	3.4	77.8	70.5	NA	74.1
Stine	33EC02	3.3	71.9	71.8	NA	71.9
Asgrow	33XF2	3.3	76.1	67.0	NA	71.5
LG Seeds	3253XF	3.2	69.7	68.7	NA	69.2
AVERAGE			75.9	73.8	NA	74.8

Ralph & Ron Aschliman

Previous Crop: Corn

Tillage: Minimum till

Planting Date: May 17

Row Width: 15"

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

Plot Size: ..172 of an acre

Harvest Date: October 10



Andrew Schaefer

Previous Crop: Wheat

Tillage: Conventional

Planting Date: May 31

Row Width: 7.5"

Herbicides: Interlock, Class Act, Liberty, Superb, Grizzly, Miravis, Fusilade; applied hog manure in fall

Plot Size: .494 of an acre

Harvest Date: October 14



Justin White

PLOT UNABLE TO BE A HARVESTED "Fairly"



**3.6 TO 3.9 MATURITY
YIELD RESULTS (DRY BU/A)**

Company	Variety	Maturity	Frock	Moser	Tonner	Average
Pioneer	P37A18E	3.7	60.5	76.8	59.7	65.7
BASF (Xitavo)	XO 3651E	3.6	62.4	77.2	56.9	65.5
Innvictis	3701E	3.7	63.5	76.0	56.8	65.4
Stine	36EB32	3.6	63.4	79.6	49.5	64.2
Becks	3730 E3	3.7	62.4	73.2	52.5	62.7
Asgrow	38XF1	3.8	59.7	71.8	52.5	61.3
Stine	39EB20	3.9	58.6	71.1	51.5	60.4
AVERAGE			61.5	75.1	54.2	63.6

Tim Frock

Previous Crop: Soybeans

Tillage: No-till

Planting Date: May 20

Row Width: 7.5"

Herbicides: Pre—Valor XL; POST—Roundup Max

Plot Size: .221 of an acre

Harvest Date: October 7



Klint & Kurt Moser

Previous Crop: Corn

Tillage: No-till

Planting Date: May 23

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: .393 of an acre

Harvest Date: October 20



Tim Tonner

Previous Crop: Corn

Tillage: Conventional

Planting Date: May 31

Row Width: 15"

Herbicides: Post—Roundup & Liberty; Fungicide— Miravise

Plot Size: .479 of an acre

Harvest Date: October 17



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- Educational linkage between community and Indiana agriculture
- A resource for farm and non-farm clientele in lawn and garden questions and pest identification and management.
- An educational campaign focusing on current issues of interest in the community
- Exploring new partnerships within the community to benefit farm and non-farm clientele
- Disseminating information within the community on current agriculture & natural resource issues
- Cooperative programming with other community agriculture businesses
- Assisting individuals in the proper use of pesticides and environmentally safe measures
- Providing resources and assistance in farm management and financial decisions

All Varieties — 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

* = Extremely wet year

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