

Dual Column Trial Report

Missouri - Franklin

Tracking Name: OFGB20127967_0019	Exp Type: Genetic
Business Partner: Borcharding; Dale	County: Franklin
State: Missouri	Planting Date: 6/14/2020
Harvest Date: 11/9/2020	

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P33A53X	54.8	13.2	\$548	10
2	Pioneer	P36A83X	56.0	13.5	\$560	9
3	Pioneer	P37A27X	60.5	13.3	\$605	7
4	Pioneer	P39A45X	60.8	13.2	\$608	5
5	Pioneer	P39A58X	61.1	13.3	\$611	4
6	Pioneer	P40A47X	62.4	12.6	\$624	3
7	Pioneer	P42A96X	60.4	12.6	\$604	8
8	Pioneer	P45A02X	64.2	12.6	\$642	2
9	Pioneer	P46A93X	65.8	12.8	\$658	1
10	Pioneer	P47A64X	60.6	12.7	\$606	6

Missouri - Lincoln

Tracking Name: OFGB20126794_0039	Exp Type: Genetic
Business Partner: Shaw; Daniel	County: Lincoln
State: Missouri	Planting Date: 6/7/2020
Harvest Date: 10/16/2020	

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P34T21SE	73.1	9.4	\$731	8
2	Pioneer	P35T15E	78.4	9.5	\$784	3
3	Pioneer	P36A43L	74.0	9.1	\$740	7
4	Pioneer	P37A63L	76.4	9.1	\$764	5
5	Pioneer	P38A49L	73.0	9.2	\$730	9
6	Pioneer	P38T05E	71.1	9.2	\$711	10
7	Pioneer	P39T61SE	74.1	9.0	\$741	6
8	Pioneer	P41T07E	76.8	9.7	\$768	4
9	Pioneer	P44A37L	84.2	9.6	\$842	1
10	Pioneer	P45T88E	79.7	9.6	\$797	2

Missouri - Lincoln

Tracking Name: OFGB20126794_0038	Exp Type: Genetic
Business Partner: Keeteman; Neal	County: Lincoln
State: Missouri	Planting Date: 6/11/2020
Harvest Date: 11/4/2020	

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P34T21SE	40.4	10.7	\$404	3
2	Pioneer	P35T15E	43.3	10.8	\$433	2
3	Pioneer	P38T05E	39.9	10.3	\$399	4
4	Pioneer	P39T61SE	39.2	10.6	\$392	5
5	Pioneer	P41T07E	39.2	10.5	\$392	6
6	Pioneer	P45T88E	45.4	10.6	\$454	1

Missouri - Monroe

Tracking Name: OFGB20126794_0042	Exp Type: Genetic
Business Partner: Heinecke; Nathan	County: Monroe
State: Missouri	Planting Date: 6/15/2020
Harvest Date: 11/2/2020	

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P36A43L	57.3	11.4	\$573	5
2	Pioneer	P34T21SE	59.1	11.3	\$591	2
3	Pioneer	P35T15E	61.6	11.3	\$616	1
4	Pioneer	P38T05E	57.5	11.1	\$575	4
5	Pioneer	P39T61SE	58.2	11.4	\$582	3
6	Pioneer	P41T07E	53.7	11.5	\$537	7
7	Pioneer	P45T88E	57.2	11.2	\$572	6

Missouri - Monroe

Tracking Name: OFGB20126802_0077 **Exp Type:** Genetic
Business Partner: Mitchell; Guy **County:** Monroe
State: Missouri **Planting Date:** 6/13/2020
Harvest Date: 11/5/2020

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P44A37L	59.6	9.8	\$596	1

Missouri - St. Charles

Tracking Name: OFGB20126794_0017 **Exp Type:** Genetic
Business Partner: Steinhoff; Brian **County:** St. Charles
State: Missouri **Planting Date:** 4/10/2020
Harvest Date: 10/11/2020

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P35T15E	86.1	13.3	\$861	9
2	Pioneer	P38T05E	93.8	12.7	\$938	3
3	Pioneer	P39T61SE	87.7	12.6	\$877	7
4	Pioneer	P41T07E	86.8	12.0	\$868	8
5	Pioneer	P45T88E	83.7	13.2	\$837	10
6	Pioneer	P49T62E	74.0	13.4	\$740	11
7	Pioneer	P36A43L	96.1	12.0	\$961	2
8	Pioneer	P37A63L	92.9	12.1	\$929	4
9	Pioneer	P38A49L	92.6	12.6	\$926	5
10	Pioneer	P44A37L	91.8	12.5	\$918	6
11	Pioneer	P47A12L	101.3	12.0	\$1,013	1

Missouri - St. Charles

Tracking Name: OFGB20126794_0081 **Exp Type:** Genetic
Business Partner: Wehmeier; Greg **County:** St. Charles
State: Missouri **Planting Date:** 6/3/2020
Harvest Date: 10/16/2020

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P34T21SE	55.8	8.1	\$558	10
2	Pioneer	P35T15E	61.2	9.5	\$612	7
3	Pioneer	P38T05E	61.7	9.8	\$617	6
4	Pioneer	P39T61SE	59.1	9.1	\$591	9
5	Pioneer	P41T07E	60.6	9.3	\$606	8
6	Pioneer	P45T88E	63.7	9.2	\$637	5
7	Pioneer	P36A43L	68.0	8.0	\$680	2
8	Pioneer	P37A63L	68.7	7.7	\$687	1
9	Pioneer	P38A49L	65.4	8.3	\$654	4
10	Pioneer	P44A37L	68.0	8.7	\$680	3

Missouri - Warren

Tracking Name: OFGB20126790_0045 **Exp Type:** Genetic
Business Partner: Hecktor; Jeremy **County:** Warren
State: Missouri **Planting Date:** 6/11/2020
Harvest Date: 11/7/2020

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P34T21SE	64.8	12.2	\$648	8
2	Pioneer	P35T15E	70.1	12.3	\$701	5
3	Pioneer	P36A43L				
4	Pioneer	P37A63L				
5	Pioneer	P38A49L				
6	Pioneer	P38T05E	69.9	12.0	\$699	6
7	Pioneer	P39T61SE	71.0	12.1	\$710	4
8	Pioneer	P41T07E	66.1	12.4	\$661	7
9	Pioneer	P44A37L	72.4	12.8	\$724	1
10	Pioneer	P45T88E	71.4	12.5	\$714	2
11	Pioneer	P47A12L	71.2	13.0	\$712	3
12	Pioneer	P49A41L	64.1	12.9	\$641	9
13	Pioneer	P49T62E	56.1	12.8	\$561	10

Missouri - Warren

Tracking Name: OFGB20126799_0028

Exp Type: Genetic

Business Partner: Ley; Robert

County: Warren

State: Missouri

Planting Date: 5/24/2020

Harvest Date: 10/17/2020

Entry #	Brand	Variety/Brand	Yield (bu/a 60#)	Mst (%)	AGI	Yield Rank
1	Pioneer	P36A43L	69.7	9.0	\$697	8
2	Pioneer	P37A63L	69.7	9.0	\$697	9
3	Pioneer	P38A49L	71.4	9.0	\$714	4
4	Pioneer	P44A37L	73.2	9.0	\$732	1
5	Pioneer	P47A12L	73.2	9.0	\$732	2
6	Pioneer	P49A41L	73.0	9.2	\$730	3
7	Pioneer	P34T21SE	63.9	9.2	\$639	13
8	Pioneer	P35T15E	66.4	9.3	\$664	11
9	Pioneer	P38T05E	64.5	9.0	\$645	12
10	Pioneer	P39T61SE	71.4	9.0	\$714	5
11	Pioneer	P41T07E	69.8	8.8	\$698	7
12	Pioneer	P45T88E	71.2	8.8	\$712	6
13	Pioneer	P49T62E	67.8	9.2	\$678	10

Search Criteria:

General:

Company: Pioneer
CropYears: 2020
Season: 1
Experiment Type: Genetic
Harvested: Harvested

Crop: Soybeans
Weigh Devices: Weighed
Irrigation Types: Non-irrigated

Geography:

Countries: United States
States/Provinces: Missouri
Counties/Divisions: Warren, St. Charles, Lincoln, Monroe, Franklin

Sales Structure:

Commercial Units:
Sales Areas:
Sales Districts:
Territories:

Experiment:

Groups:
Experiment:

Price Details:

Market Price: \$10.00
Market Price Adjustments: Standard-\$0.00; High Oleic-\$0.60; Low Linolenic-\$0.00;

Notes and Explanations:

(1) $YIELD = (100 - MOISTURE) \times (LBS. \text{ OF GRAIN}) \times (FACTOR) \div (HARVESTED \text{ LENGTH IN FEET}) \div (HARVESTED \text{ WIDTH IN INCHES})$. Not applicable if weighed with Yield Monitor. Yield monitor yields are estimates of yield taken from the yield monitor data files. Yield estimate calculations are dependent on the equipment and software manufacturer. Yield estimates from a yield monitor can vary significantly from actual yields of hybrids/varieties at a single point, within areas of a field or in aggregate. Any number of factors such as inappropriate calibration, machine settings, machine dynamics, grain characteristics, temperature, slope, operator error, etc. can impact the accuracy of yield monitor yield estimates.

Temperature, rainfall and solar radiation are estimates based on available data from weather stations in the area. Crop growth indices for individual hybrids, including estimates of silking and maturity dates, are produced by the proprietary EnClass[®] crop growth model using this weather information. Though crop growth indices produced by the model are calibrated based on historical field observations of products, they may not accurately reflect the growth stage at an individual location.

Where shown, soil information is provided by Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) Database available online at <http://soildatamart.nrcs.usda.gov>.

Information and results contained herein represent the average of all comparisons across the area indicated. Results may not predict future performance and may not be complete. Testing accuracy, area variations and a limited environmental base can give misleading results. Multi-year and multi-location information is a better predictor of future performance. Please use this information as only one component of your product positioning decision.

*** ** Since the trait/segment information is derived from each competitor's own product information, Pioneer makes no representations or warranties as to its accuracy, completeness or suitability.

^ EXPORT APPROVAL NOTICE: This product is fully approved in the United States and Canada. Traits included in these products may or may not be approved in all global markets; therefore, the combination of these traits and the grain and certain by-products (including oil, dried distillers grain, cobs, and husks) from THESE PRODUCTS MAY NOT BE APPROVED for all markets. Growers that use Pioneer[®] brand seed with biotech traits are required and agree to adhere to the stewardship requirements as outlined in this product stewardship guide. For questions regarding product stewardship and biotech traits please contact your sales representative or refer to www.pioneer.com/stewardship. Growers are required to discuss trait acceptance and grain channeling policies with their local grain handler prior to delivering grain containing biotech traits.

Insecticide Seed Treatment (IST) indicates an insecticide seed treatment was purchased on the seed. Potential insecticide seed treatments include Gaucho[®]. Purchased or applied to the seed.

Fungicide Seed Treatment (FST) indicates a fungicide seed treatment was purchased on or applied to the seed prior to planting. Potential fungicide seed treatments may include but are not limited to:

Allegiance[®], Apron[®] XL, Maxim^{*}, Apron[®] Maxx, Apron[®] Maxx RTA, Captan^{*}, Kickstart^{*}, Protégé^{*}, SoyGard[®], Rival^{*}, RTU^{*}, Vitavax 200^{*}, and Stiletto^{*}.

Segments:

B - Always follow stewardship practices in accordance with the Product Use Guide (PUG) or other product-specific stewardship requirements including grain marketing and pesticide label directions. Varieties with BOLT(TM) technology provide excellent plant-back flexibility for soybeans following application of SU (sulfonylurea) herbicides such as DuPont(TM) LeadOff[®] or DuPont(TM) Basis[®] Blend as a component of a burndown program or for double-crop soybeans following SU herbicides such as DuPont(TM) Finesse[®] applied to wheat the previous fall.

R - Always follow grain marketing, stewardship practices and pesticide label directions. Varieties with the glyphosate tolerant trait (including those designated by the letter $\zeta R \zeta$ in the product number) contain genes that confer tolerance to glyphosate herbicides. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

RR2Y - Always follow grain marketing, stewardship practices and pesticide label directions. Varieties with the Genuity[®] Roundup Ready 2 Yield[®] (RR2Y) trait contain genes that confer tolerance to glyphosate, the active ingredient in Roundup[®] brand agricultural herbicides. Roundup[®] brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity[®], Roundup[®] and Roundup Ready 2 Yield[®] are registered trademarks of Monsanto Technology LLC used under license. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

As of this printing no dicamba herbicide product has been approved for commercial in-crop use with soybeans with Roundup Ready 2 Xtend[®] technology. DO NOT APPLY DICAMBA HERBICIDE IN-CROP TO SOYBEANS WITH Roundup Ready 2 Xtend technology IN 2016 unless you use a dicamba herbicide product that is specifically labeled for that use in the location where you intend to make the application. While no in-crop use of dicamba is currently approved, some dicamba products may be labeled for weed control prior to planting a crop and subject to minimum plant back restrictions. IT IS A VIOLATION OF FEDERAL AND STATE LAW TO MAKE AN IN-CROP APPLICATION OF ANY DICAMBA HERBICIDE PRODUCT ON SOYBEANS WITH Roundup Ready 2 Xtend technology, OR ANY OTHER PESTICIDE APPLICATION, UNLESS THE PRODUCT LABELING SPECIFICALLY AUTHORIZES THE USE. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with soybeans with Roundup Ready 2 Xtend technology and follow all pesticide product labeling.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Soybeans with Roundup Ready 2 Xtend technology contain genes that confer tolerance to glyphosate and dicamba. Glyphosate herbicides will kill crops that are not tolerant to glyphosate. Dicamba will kill crops that are not tolerant to dicamba.

Roundup Ready 2 Xtend[®] is a trademark of Monsanto Technology LLC used under license.

STS - Varieties with the DuPont(TM) STS[®] gene (STS) are tolerant to certain SU (sulfonylurea) herbicides. This technology allows post-emergent applications of DuPont(TM) Synchrony[®] XP and DuPont(TM) Classic[®] herbicides without crop injury or stress (see herbicide product labels). NOTE: A soybean variety with a herbicide tolerant trait does not confer tolerance to all herbicides. Spraying herbicides not labeled for a specific soybean variety will result in severe plant injury or plant death. Always read and follow herbicide label directions and precautions for use.

LL - Denotes soybean variety with the LibertyLink[®] gene available from Pioneer. Varieties with the LibertyLink gene are resistant to Liberty[®] herbicide. Liberty[®], LibertyLink[®] and the Water Droplet Design are trademarks of BASF.

P/Plenish - P = Plenish® high oleic soybeans for contract production only.

SCN - Displays good to excellent resistance to soybean cyst nematode.

Product responses are variable and subject to any number of environmental, disease and pest pressures. Individual results may vary. Multi-year and multi-location data are a better predictor of future performance. DO NOT USE THIS OR ANY OTHER DATA FROM A LIMITED NUMBER OF TRIALS AS A SIGNIFICANT FACTOR IN PRODUCT SELECTION. Refer to www.pioneer.com/products or contact a Pioneer sales representative or authorized dealer for the latest and complete listing of traits and scores for each Pioneer® brand product.

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AGI Calc: Yield * (Market Price + Premium Adjustment)