



2023 Soybean Variety Performance Trial Results

WHEAT TECH RESEARCH AND DEVELOPMENT DIVISION
WWW.WHEATTECH.COM

Wheat Tech Agronomy

Table of Contents

General Information	.....	1
Growing Season and Data interpretation	.....	2
Acknowledgements	.....	3
<u>Kentucky Early Planted Location</u>		
Russellville, KY Full Report	.....	4
<u>Kentucky Full Season Location</u>		
Younger Creek, KY Full Report	.....	5
Early Maturity Group (3.3-3.9)	.....	7
Medium Maturity Group (4.0-4.5)	.....	8
Late Maturity Group (4.6-5.0)	.....	9
<u>Kentucky Double Crop Locations</u>		
Hopkinsville, KY Full Report	.....	10
Adairville, KY Full Report	.....	12
KY Double Crop Two Location Average Full Report	.....	14
Early Maturity Group (3.7-4.2)	.....	16
Medium Maturity Group (4.3-4.6)	.....	17
Late Maturity Group (4.7-5.0)	.....	18
KY Three Location Average Full Report	.....	19
Early Maturity Group (3.7-4.2)	.....	21
Medium Maturity Group (4.3-4.6)	.....	22
Late Maturity Group (4.7-5.0)	.....	22
<u>Missouri Location</u>		
Wyatt, MO Full Report	.....	23
Early Maturity Group (3.3-3.9)	.....	24
Medium Maturity Group (4.0-4.5)	.....	24
Late Maturity Group (4.6-4.9)	.....	25
<u>Indiana Location</u>		
Columbus, IN Full Report	.....	26
Early Maturity Group (2.9-3.9)	.....	28
Medium Maturity Group (4.0-4.5)	.....	29
Late Maturity Group (4.6-5.0)	.....	29
Soybean Variety Characteristics	.....	30

Wheat Tech Agronomy 2023 Soybean Variety Performance Test

General Information:

The 2023 Soybean Variety Performance Tests were conducted in six different locations: Schochoh, KY; Wyatt, MO; Younger Creek, KY; Columbus, IN; Hopkinsville, KY, and Auburn, KY. The Charleston, MO; Columbus, IN; Russellville, KY; and Younger Creek, KY locations were full season soybean tests, and the other two KY locations were true double cropped trials, following wheat.

The varieties at three of the full season locations were separated into three maturity groups: ≤ 3.9 , 4.0 – 4.5, and ≥ 4.6 . There were a total of 19 varieties in Schochoh, 32 varieties in Wyatt, 77 varieties in the Younger Creek, and 52 varieties in Columbus test. Varieties at the double crop locations were separated into the following three maturity groups: ≤ 4.2 , 4.3 – 4.6, and ≥ 4.7 . There were 76 different varieties at those sites. The plots were planted four rows wide by 30 feet long with a Kincaid Voltra planter. The tests at all locations were replicated 4 times. The pre and post sprays were conducted by Wheat Tech. Locations were harvested using a Kincaid 8-XP combine with a HarvestMaster Classic GrainGage HM800 running the Mirus software. The following chart contains quick information about each location.

Test Site:	KY Early Planted Full Season	MO Full Season	KY Full Season	IN Full Season	KY Double Crop Christian	KY Double Crop Logan
Location:	Russellville, KY	Wyatt, MO	Younger Creek, KY	Columbus, IN	Hopkinsville, KY	Auburn, KY
Planting Date:	3/30/2023	4/18/2023	5/6/2023	5/11/2023	6/27/2023	6/28/2023
Harvest Date:	10/10/2023	10/12/2023	10/24/2023	10/17/2023	11/7/2023	11/4/2023
Irrigation:	NO	NO	NO	NO	NO	NO
Previous Crop:	Soybeans	Soybeans	Corn	Corn	Wheat	Wheat
Soil Type:	Pembroke silt loam	Reelfoot silt loam	Sensabaugh silt loam	Crosby silt loam	Crider silt loam	Pembroke silt loam
Tillage System:	Conventional Till	No-till	No-till	No-till	No-till	No-till
Seeding Rate (s/a):	160,000	140,000	140,000	140,000	160,000	160,000
Row Space:	15"	15"	15"	15"	15"	15"

Wheat Tech Agronomy **2023 Soybean Variety Performance Test**

Growing Season:

The soybean growing season would begin on March 30th with the planting of our “early planted” soybean variety trial. This was located at our office and would be conventionally tilled in order to avoid any potential slug problems as well as to encourage germination. There is always a threat of soil crusting and emergence problems with soybeans in this situation, and this plot would be no different. Some slight crusting would thin populations down to approximately 100,000 s/a, which was deemed an acceptable stand. Planting would continue through the months of April and May for the full season sites. Good stands were achieved despite some unfortunate weather events. After planting the MO location on April 18th, a slow emerging but good stand had been reached. On May 7th, a hailstorm hit and reduced stand throughout the plot to approximately 95,000 s/a. The soybeans were around the VC-V1 growth stage; thankfully, most of the growing points were not damaged too severely. Our double cropped soybean locations would be planted in a timely manner. Stands at the Christian County, KY site would be impacted a little by some vole damage and heavy straw. This location also had a grower’s planter accidentally run through the site, which resulted in having to remove the fungicide vs no fungicide test across the variety trial. Better stands were reached at the Logan County, KY site due to a 4.2-inch rain event over the next 4 days.

The season would progress with good growing conditions throughout most of our test plot regions. The most stressed plot was at Wyatt, MO. According to www.climate.com, only 0.8” of rain fell during the entire month of June, however; that was still sufficient throughout those vegetative growth stages to not hurt yield. All other sites, including the double cropped ones, had plenty of rainfall during the season.

For another year, disease pressure would remain low. The following sites did receive a fungicide application: Schochoh, KY; Wyatt, MO; and Younger Creek, KY. No locations exhibited pressure high enough in any disease to be rated. This seems to be a trend over the last several years throughout most of these regions. Podworm problems became more prevalent at both of our double cropped locations. The areas where these plots were located began to have an increasing population, so an insecticide application was made.

Some of the highest soybeans yields ever were harvested this past growing season. The Missouri site was the highest in recent years with an average of 96.8 bushel per acre, and both of our double crop plots averaged almost 70 bushels per acre. This is quite impressive, and further proves the increasing variety yield potential and the need for testing different products.

Data Interpretation:

The tables on the following pages have been prepared with the entries listed in order of performance, the highest-yielding entry being listed first. All yields presented have been adjusted to 13% moisture. At the bottom of the tables are three different values: LSD (Least Significant Difference), CV (Coefficient of Variation), and Grand Mean. The mean yields of any two varieties being compared must differ by at least the LSD amount shown to be considered different in yielding ability at the 5% level of probability of significance, which is represented by a letter to the right of the corresponding number. CV is a measure of the error variability found within each experiment. It is the ratio of the standard deviation to the mean. Grand Mean is the mean of all values in the group.

Wheat Tech Agronomy **Acknowledgements**

We would like to acknowledge the following participating companies, Wheat Tech owner, Bill Brinkley, and supporting chemical companies. Also, special thanks are extended to all other Wheat Tech employees for any involvement with the research and development division.

Participating Companies:

AgriGold
AgVenture WSC
BASF
Bayer (ASGROW)
Beck's Hybrids
Channel Seed
Corteva AgroSciences (Pioneer)
Erwin-Keith, Inc. (Progeny Ag Products)
Gateway Seed
Growmark, INC.
Hefty Seed Co.
L&M Glick Seed
NuTech Seed, LLC
Nutrien Ag Solutions (Dyna-Gro Seed)
Revere Seed
Rolwing Moxley AG, LLC (Pioneer-MO)
Seedtech (Channel Seed Brand-MO)
Stewart Seeds
Stine Seed
UniSouth Genetics, Inc
Winfield (Armor Seed)

Wheat Tech Owner:

Bill Brinkley

Supporting Chemical Companies:

BASF Corporation
Bayer CropSciences
FMC Corporation
Syngenta Crop Protection, LLC.

Wheat Tech Research & Development Division:

Brad Wilks – Research Director
Ben Goodrum – Research Associate
Brett Maxwell – Research Associate

Wheat Tech Agronomy
2023 Kentucky Early Planted Soybean Variety Test

Russellville, KY

Brand/Variety	RM‡	Yield (BU/A)		TW‡ (LB/BU)	Plant HT‡ (IN)	LDG‡ (%)	GSS‡ (%)
Pioneer variety P48A14E	4.8	102.2	a†	54.5	39	3	8
Pioneer variety P42A84E	4.2	100.3	ab	53.5	36	6	0
USG 7463XF	4.6	98.8	abc	53.9	39	8	10
Armor 43E70	4.3	98.0	a-d	53.2	36	8	3
Armor 44F82	4.4	97.1	a-d	52.5	37	0	46
USG 7461XFS	4.6	96.8	a-d	53.7	40	0	29
Stine 41EB32	4.1	95.3	a-d	52.3	33	9	1
NuTech 34N02E	3.4	95.1	a-d	52.6	32	3	0
Xitavo XO4894E	4.8	94.0	b-e	54.6	42	0	73
Pioneer variety P37A18E	3.7	93.0	b-f	52.5	30	0	1
Stine 44EC20	4.4	91.5	c-g	52.9	35	3	0
Dyna-Gro S41EN72	4.1	90.8	d-g	52.4	30	43	0
Armor 45E73	4.5	90.7	d-g	52.9	34	3	4
Xitavo XO4364E	4.3	86.8	e-h	54.3	35	35	0
NuTech 39N07E	3.9	86.3	fgh	53.1	35	50	0
Dyna-Gro S48EN73	4.8	85.8	fgh	53.6	39	13	3
Xitavo XO4084E	4.0	83.9	ghi	52.7	35	55	0
NuTech 33N04E	3.3	81.4	hi	50.0	28	8	0
Stine 38EF32	3.8	77.8	i	53.6	35	60	0
LSD P=.10		7.7	.	.	.	.	.
CV		7.1	.	.	.	.	.
Grand Mean		91.9		53.1	35	16	9

Planted: March 30, 2023; Emerged: April 15, 2023; Harvested: October 10, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, LDG: Lodging, GSS: Green Stem Syndrome

Wheat Tech Agronomy
2023 Kentucky Full Season Soybean Variety Test
Younger Creek, KY

Brand/Variety	RM‡	Yield (BU/A)		TW‡ (LB/BU)	Plant HT‡ (IN)
Progeny 4200RXS	4.2	98.8	a†	56.2	43
Xitavo XO 3922E	3.9	98.6	ab	55.6	35
FS HiSOY HS 39F30	3.9	98.1	abc	54.1	38
Dyna-Gro S37XF33	3.7	96.6	a-d	54.3	37
Dyna-Gro S49XF43S	4.9	96.5	a-d	56.0	40
Connect CT3923E	3.9	95.2	a-e	54.9	33
FS HiSOY HS 39E10	3.9	95.0	a-f	54.2	35
Progeny 4505RXS	4.5	93.9	a-g	55.9	39
Stine 41EE62	4.1	93.9	a-g	54.2	36
Xitavo XO 4894E	4.8	93.7	a-h	56.8	42
Pioneer variety P48A14E	4.8	93.7	a-h	56.3	41
Pioneer variety P46A09E	4.6	92.9	a-i	54.6	37
Stine 50EE12	5.0	92.7	a-i	56.4	41
Stewart 3954XF	3.9	92.5	a-j	56.3	42
Xitavo XO 4653E	4.6	92.0	a-k	56.0	40
Beck's 4320E3	4.3	91.6	a-k	55.2	37
Asgrow AG43XF2	4.3	91.2	a-l	54.9	38
Xitavo XO 3803E	3.8	90.8	a-m	55.3	36
USG 7463XF	4.6	90.6	a-m	55.9	39
Pioneer variety P42A84E	4.2	90.5	a-m	55.9	39
Pioneer variety P45A81E	4.5	90.4	a-n	54.5	36
Stewart 3843XF	3.8	90.3	a-n	54.6	37
Stewart 4053XF	4.0	90.2	a-n	54.3	35
NuTech 42N05E	4.2	90.1	a-n	54.2	37
Dyna-Gro S45ES10	4.5	90.0	a-n	56.3	38
Revere 4826XFS	4.8	90.0	a-n	55.7	41
Progeny 4691XFS	4.6	89.7	b-n	56.4	39
Pioneer variety P37A18E	3.7	89.7	c-n	53.4	31
Pioneer variety P38A28E	3.8	89.6	c-n	55.7	36
Revere 4299XS	4.2	89.5	c-n	55.6	38
NuTech 47N04E	4.7	89.3	c-o	55.3	38
Stine 47EE02	4.7	89.1	d-p	55.2	40
NuTech 37N03E	3.7	89.0	d-p	54.4	35
Armor 39E77	3.9	88.5	d-q	54.9	35
Dyna-Gro S48EN73	4.8	88.4	d-q	56.1	38
Xitavo XO 4522E	4.5	88.2	d-q	55.3	37
Revere 4526XF	4.5	88.1	d-q	56.2	42
Xitavo XO 4364E	4.3	87.9	d-q	56.3	36
Stewart 4634XF	4.6	87.9	d-q	54.9	43
Xitavo XO 4084E	4.0	87.7	d-q	55.8	35
Channel 3823RXF	3.8	87.5	e-r	55.6	36
Asgrow AG40XF4	4.0	87.3	e-r	55.2	41

Wheat Tech Agronomy
2023 Kentucky Full Season Soybean Variety Test - Cont.

Younger Creek, KY

Brand/Variety	RM‡	Yield (BU/A)		TW‡ (LB/BU)	Plant HT‡ (IN)
Innotech 4233E3S	4.2	87.2	e-r	55.3	37
Stine 48EE20	4.8	87.0	e-r	56.0	40
Xitavo XO 4132E	4.1	86.9	e-s	54.9	36
Innotech 4983E3S	4.9	86.6	e-t	56.3	43
FS HiSOY HS 45E00	4.5	86.3	f-t	56.4	35
Dyna-Gro S41EN72	4.1	86.0	g-t	54.8	36
Progeny 4623XFS	4.6	85.7	g-t	55.6	38
Stine 44EC20	4.4	85.3	g-t	55.0	36
Progeny 4755XFS	4.7	85.2	g-t	56.1	39
Channel 3924RXF/SR	3.9	85.1	g-t	56.1	39
Dyna-Gro S47XF23S	4.7	84.8	h-u	55.8	39
Stewart 4454XF	4.4	84.5	i-u	56.1	39
FS HiSOY HS 48E10	4.8	84.5	i-u	56.4	42
Stine 46EE20	4.6	84.1	i-u	55.5	37
USG 7461XFS	4.6	84.0	i-u	56.6	38
Connect CT4124E	4.1	83.7	j-u	55.2	36
Progeny 4778XFS	4.7	83.5	k-u	56.2	43
USG 7474XFS	4.8	83.4	k-u	55.4	40
NuTech 34N02E	3.4	83.3	k-u	54.4	34
Stine 49EE21	4.9	82.5	l-u	56.8	42
NuTech 45N09E	4.5	82.3	l-u	57.7	41
Innotech 4545E3S	4.5	82.3	m-u	55.7	34
Progeny 4604XFS	4.6	82.2	m-v	55.5	40
Innotech 3961E3S	3.9	82.2	m-v	55.6	31
Stewart 3531XF	3.5	82.0	m-v	53.7	33
Dyna-Gro S37E52	3.7	81.5	n-v	54.0	32
Asgrow AG38XF3	3.8	80.5	o-v	54.9	34
NuTech 36N04E	3.6	80.2	p-v	56.1	34
NuTech 33N04E	3.3	80.0	q-v	54.0	35
FS HiSOY HS 47E30	4.7	79.7	q-v	55.9	37
Stewart 4353XF	4.3	78.6	r-v	55.3	37
NuTech 39N07E	3.9	78.0	s-v	55.6	35
Stine 39EF32	3.9	77.9	tuv	55.7	36
Revere 4795XS	4.7	75.9	uv	56.6	37
Progeny 4665XFS	4.6	73.3	v	56.0	40
LSD P=.10		8.9		.	.
CV		8.8		.	.
Grand Mean		87.5		55.5	38

Planted: May 6, 2023; Harvested: October 24, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Kentucky Full Season Soybean Variety Test
Early Maturity Group (<= 3.9)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Xitavo XO 3922E	3.9	98.6 a†	55.6	35
FS HiSOY HS 39F30	3.9	98.1 ab	54.1	38
Dyna-Gro S37XF33	3.7	96.6 abc	54.3	37
Connect CT3923E	3.9	95.2 a-d	54.9	33
FS HiSOY HS 39E10	3.9	95.0 a-d	54.2	35
Stewart 3954XF	3.9	92.5 a-e	56.3	42
Xitavo XO 3803E	3.8	90.8 a-f	55.3	36
Stewart 3843XF	3.8	90.3 b-g	54.6	37
Pioneer variety P38A28E	3.8	90.1 b-h	55.8	36
Pioneer variety P37A18E	3.7	89.7 c-i	53.4	31
NuTech 37N03E	3.7	89.0 c-i	54.4	35
Armor 39E77	3.9	88.5 c-j	54.9	35
Channel 3823RXF	3.8	87.9 d-k	55.7	36
Channel 3924RXF/SR	3.9	85.1 e-l	56.1	39
NuTech 34N02E	3.4	83.3 f-l	54.4	34
Innotech 3961E3S	3.9	82.2 g-l	55.6	31
Stewart 3531XF	3.5	82.0 h-l	53.7	33
Dyna-Gro S37ES52	3.7	81.5 i-l	54.0	32
Asgrow AG38XF3	3.8	80.5 jkl	54.9	34
NuTech 36N04E	3.6	80.2 kl	56.1	34
NuTech 33N04E	3.3	80.0 kl	54.0	35
Stine 39EF32	3.9	78.3 l	55.8	36
NuTech 39N07E	3.9	78.0 l	55.6	35
LSD P=.10		8.2	.	.
CV		7.9	.	.
Grand Mean		87.5	54.9	35

Planted: May 6, 2023; Harvested: October 24, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Kentucky Full Season Soybean Variety Test
Medium Maturity Group (4.0-4.5)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Progeny 4200RXS	4.2	98.8 a†	56.2	43
Progeny 4505RXS	4.5	93.9 ab	55.9	39
Stine 41EE62	4.1	93.9 ab	54.2	36
Beck's 4320E3	4.3	91.6 abc	55.2	37
Asgrow AG43XF2	4.3	91.2 a-d	54.9	38
Pioneer variety P42A84E	4.2	90.5 a-d	55.9	39
Pioneer variety P45A81E	4.5	90.4 a-d	54.5	36
Stewart 4053XF	4.0	90.2 a-d	54.3	35
NuTech 42N05E	4.2	90.1 a-d	54.2	37
Dyna-Gro S45ES10	4.5	90.0 a-d	56.3	38
Revere 4299XS	4.2	89.5 bcd	55.6	38
Xitavo XO 4522E	4.5	88.2 bcd	55.3	37
Revere 4526XF	4.5	88.1 bcd	56.2	42
Xitavo XO 4364E	4.3	87.9 bcd	56.3	36
Xitavo XO 4084E	4.0	87.7 b-e	55.8	35
Asgrow AG40XF4	4.0	87.3 b-e	55.2	41
Innotech 4233E3S	4.2	87.2 b-e	55.3	37
Xitavo XO 4132E	4.1	86.9 b-e	54.9	36
FS HiSOY HS 45E00	4.5	86.3 b-e	56.4	35
Dyna-Gro S41EN72	4.1	86.0 b-e	54.8	36
Stine 44EC20	4.4	85.3 b-e	55.0	36
Stewart 4454XF	4.4	84.5 cde	56.1	39
Connect CT4124E	4.1	83.7 cde	55.2	36
NuTech 45N09E	4.5	82.3 de	57.7	41
Innotech 4545E3S	4.5	82.3 de	55.7	34
Stewart 4353XF	4.3	78.6 e	55.3	37
LSD P=.10		9.2	.	.
CV		8.9	.	.
Grand Mean		88.2	55.5	37

Planted: May 6, 2023; Harvested: October 24, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Kentucky Full Season Soybean Variety Test
Late Maturity Group (>= 4.6)

Brand/Variety	RM‡	Yield (BU/A)		TW‡ (LB/BU)	Plant HT‡ (IN)
Dyna-Gro S49XF43S	4.9	96.5	a†	56.0	40
Xitavo XO 4894E	4.8	93.7	ab	56.8	42
Pioneer variety P48A14E	4.8	93.7	ab	56.3	41
Pioneer variety P46A09E	4.6	92.9	abc	54.6	37
Stine 50EE12	5.0	92.7	a-d	56.4	41
Xitavo XO 4653E	4.6	92.0	a-d	56.0	40
USG 7463XF	4.6	90.6	a-e	55.9	39
Revere 4826XFS	4.8	90.0	a-e	55.7	41
Progeny 4691XFS	4.6	89.7	a-e	56.4	39
NuTech 47N04E	4.7	89.3	a-e	55.3	38
Stine 47EE02	4.7	89.1	a-f	55.2	40
Dyna-Gro S48EN73	4.8	88.4	a-f	56.1	38
Stewart 4634XF	4.6	87.9	a-f	54.9	43
Stine 48EE20	4.8	87.0	b-f	56.0	40
Innotech 4983E3S	4.9	86.6	b-f	56.3	43
Progeny 4623XFS	4.6	85.7	b-f	55.6	38
Progeny 4755XFS	4.7	85.2	b-g	56.1	39
Dyna-Gro S47XF23S	4.7	84.8	b-g	55.8	39
FS HiSOY HS 48E10	4.8	84.5	b-g	56.4	42
Stine 46EE20	4.6	84.1	c-g	55.5	37
USG 7461XFS	4.6	84.0	c-g	56.6	38
Progeny 4778XFS	4.7	83.5	c-g	56.2	43
USG 7474XFS	4.8	83.4	d-g	55.4	40
Stine 49EE21	4.9	82.5	e-h	56.8	42
Progeny 4604XFS	4.6	82.2	e-h	55.5	40
FS HiSOY HS 47E30	4.7	79.7	fgh	55.9	37
Revere 4795XS	4.7	75.9	gh	56.6	37
Progeny 4665XFS	4.6	73.3	h	56.0	40
LSD P=.10		9.5	.	.	.
CV		9.3	.	.	.
Grand Mean		86.7		55.9	40

Planted: May 6, 2023; Harvested: October 24, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Christian County, KY Double Crop Soybean Variety Test
Hopkinsville, KY

Brand/Variety	RM‡	Yield (BU/A)		TW‡ (LB/BU)	Plant HT‡ (IN)
Xitavo XO 4132E	4.1	80.8	a†	55.1	32
Progeny 4623XFS	4.6	79.1	ab	54.8	37
Stewart 4454XF	4.4	78.8	ab	56.4	39
Dyna-Gro S45E510	4.5	78.1	abc	55.9	32
Asgrow AG46XF3	4.6	77.9	a-d	55.6	36
AgriGold G4151E3	4.1	77.8	a-d	54.7	32
NuTech 47N04E	4.7	77.7	a-d	56.4	34
Progeny 4505RXS	4.5	77.0	a-e	55.2	34
Revere 4795XS	4.7	77.0	a-e	56.2	32
Stine 41EE62	4.1	75.9	b-f	54.8	30
Armor 45E73	4.5	75.5	b-g	56.3	33
Pioneer variety P45A81E	4.5	74.9	b-h	55.6	34
Asgrow AG49XF3	4.9	74.1	c-i	56.0	37
Pioneer variety P48A14E	4.8	74.1	c-j	56.1	35
Asgrow AG44XF4	4.4	74.1	c-j	56.1	31
Xitavo XO 4772E	4.7	74.0	c-j	56.3	33
Asgrow AG48XF3	4.8	74.0	c-j	55.6	34
Stine 48EE20	4.8	73.9	c-j	55.5	34
Stewart 4053XF	4.0	73.9	d-j	54.8	33
Stine 47EE02	4.7	73.8	d-j	56.2	34
NuTech 42N05E	4.2	73.7	d-j	55.6	33
Dyna-Gro S48EN73	4.8	73.0	e-k	55.6	33
Asgrow AG49XF4	4.9	72.9	e-k	56.7	33
Dyna-Gro S49XF43S	4.9	72.4	f-l	55.8	31
Asgrow AG43XF2	4.3	72.4	f-l	54.9	33
Dyna-Gro S47XF23S	4.7	72.3	f-m	56.2	32
Revere 4526XF	4.5	72.3	f-m	56.1	35
Innotech 4233E3S	4.2	71.7	f-n	56.5	30
Dyna-Gro S41EN72	4.1	71.6	g-n	55.4	30
Revere 4299XS	4.2	71.2	h-n	54.6	34
Xitavo XO 4522E	4.5	71.1	h-n	54.9	31
USG 7463XF	4.6	70.8	h-n	56.7	32
Pioneer variety P42A84E	4.2	70.7	h-n	56.7	30
Xitavo XO 4653E	4.6	70.6	i-n	56.7	33
Progeny 4755XFS	4.7	70.4	i-n	55.8	35
USG 7474XFS	4.7	69.9	j-o	55.2	34
USG 7461XFS	4.6	69.5	k-p	56.1	36
Progeny 4604XFS	4.6	69.2	k-q	56.0	38
Xitavo XO 4894E	4.8	69.2	k-q	55.6	34
Innotech 4983E3S	4.9	69.0	k-q	55.8	34
AgriGold G4393E3	4.3	68.8	k-r	56.4	30
Pioneer variety P46A09E	4.6	68.6	l-s	54.1	33

Wheat Tech Agronomy
2023 Christian County, KY Double Crop Soybean Variety Test - Cont.
Hopkinsville, KY

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Stewart 4634XF	4.6	68.3 l-s	56.6	38
Progeny 4691XFS	4.6	68.3 l-s	56.0	36
Connect CT4823E	4.8	68.1 m-s	55.3	33
Beck's 4830E3	4.8	68.0 n-s	55.2	34
Stine 46EE20	4.6	67.8 n-t	56.0	31
Revere 4826XFS	4.8	67.8 n-t	55.7	34
Progeny 4778XFS	4.7	66.1 o-u	56.4	34
NuTech 45N09E	4.5	66.1 o-u	57.8	35
Stine 50EE12	5.0	66.1 o-u	55.9	32
AgriGold G4707E3	4.7	66.1 o-u	56.5	31
AgriGold G4655E3	4.6	65.9 o-u	56.0	33
Dyna-Gro S37XF33	3.7	65.8 o-u	54.7	30
AgriGold G4459E3	4.4	65.7 o-u	56.6	33
Beck's 4450E3	4.4	65.6 o-u	57.5	29
AgriGold G4881E3	4.8	65.4 p-u	55.9	35
Connect CT4423E	4.4	65.2 q-u	55.5	33
Xitavo XO 4364E	4.3	65.0 q-v	57.2	30
Innotech 4545E3S	4.5	64.6 r-w	56.7	31
Armor 43E70	4.3	64.6 s-w	55.6	33
Pioneer variety P38A28E	3.8	64.5 s-w	55.3	31
Stine 49EE21	4.9	63.7 t-x	56.3	34
Beck's 4630E3	4.6	63.2 u-x	55.2	32
Stine 39EF32	3.9	63.0 u-y	56.5	31
Progeny 4200RXS	4.2	62.8 u-y	57.3	36
Stewart 3954XF	3.9	62.1 u-z	56.8	35
Stewart 4353XF	4.3	61.9 u-z	57.2	34
Progeny 4665XFS	4.6	61.9 u-z	55.9	39
Pioneer variety P37A18E	3.7	60.8 v-z	53.8	25
Stine 44EC20	4.4	60.5 w-z	56.1	30
Xitavo XO 3803E	3.8	60.1 xyz	56.6	28
Innotech 3961E3S	3.9	59.6 xyz	55.3	30
Connect CT4124E	4.1	59.0 yz	56.5	31
Xitavo XO 4084E	4.0	59.0 yz	55.7	29
Dyna-Gro S37ES52	3.7	58.4 z	54.8	27
LSD P=.10		4.2	.	.
CV		7.4	.	.
Grand Mean		69.3	55.9	33

Planted: June 27, 2023; Harvested: November 7, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Logan County, KY Double Crop Soybean Variety Test

Auburn, KY

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Pioneer variety P48A14E	4.8	78.8 a†	58.3	40
Progeny 4505RXS	4.5	77.5 ab	57.8	41
AgriGold G4151E3	4.1	76.4 abc	56.2	35
Revere 4299XS	4.2	76.0 a-d	57.3	39
Stewart 4454XF	4.4	75.9 a-d	57.5	39
Asgrow AG49XF3	4.9	75.4 a-e	57.6	38
Progeny 4623XFS	4.6	74.7 b-f	56.8	41
Asgrow AG46XF3	4.6	74.6 b-f	56.5	39
NuTech 45N09E	4.5	74.4 b-g	58.9	37
USG 7461XFS	4.6	74.3 b-h	57.6	41
Revere 4526XF	4.5	74.1 b-i	57.5	40
Dyna-Gro S45ES10	4.5	74.0 b-i	58.0	36
Dyna-Gro S41EN72	4.1	73.9 b-i	56.3	35
NuTech 47N04E	4.7	73.9 b-i	58.7	39
Asgrow AG49XF4	4.9	73.8 b-i	57.8	39
Asgrow AG44XF4	4.4	73.6 b-j	57.3	34
Revere 4795XS	4.7	73.4 c-k	57.8	37
USG 7463XF	4.6	73.3 c-k	58.0	36
Stewart 4053XF	4.0	73.2 c-k	56.6	37
Stewart 4634XF	4.6	72.8 c-l	58.4	42
Xitavo XO 4653E	4.6	72.8 c-l	58.6	34
NuTech 42N05E	4.2	72.7 c-l	57.4	38
Pioneer variety P45A81E	4.5	72.1 d-m	58.0	36
Progeny 4200RXS	4.2	72.1 d-m	57.1	38
Innotech 4983E3S	4.9	72.0 d-n	57.8	38
Armor 45E73	4.5	71.9 d-o	57.0	36
Stine 39EF32	3.9	71.7 e-o	58.5	36
Pioneer variety P37A18E	3.7	71.6 e-o	56.8	30
Progeny 4604XFS	4.6	71.5 e-o	57.6	39
Xitavo XO 4132E	4.1	71.3 f-p	56.0	35
Pioneer variety P38A28E	3.8	70.8 f-q	58.1	34
Stine 46EE20	4.6	70.8 f-q	57.0	33
Pioneer variety P46A09E	4.6	70.5 g-q	57.6	36
Progeny 4778XFS	4.7	70.5 g-q	57.5	39
Progeny 4665XFS	4.6	70.4 g-r	58.0	43
Progeny 4691XFS	4.6	70.3 g-r	58.3	42
Dyna-Gro S49XF43S	4.9	70.3 h-r	57.4	35
Asgrow AG48XF3	4.8	70.2 i-r	56.8	37
Stine 41EE62	4.1	70.1 i-s	55.8	33
Progeny 4755XFS	4.7	70.1 i-s	57.4	39
Asgrow AG43XF2	4.3	69.6 j-t	57.1	36
Xitavo XO 4522E	4.5	69.5 k-u	56.4	33

Wheat Tech Agronomy
2023 Logan County, KY Double Crop Soybean Variety Test - Cont.
Auburn, KY

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Xitavo XO 4772E	4.7	69.4 k-u	57.4	36
Stewart 4353XF	4.3	69.4 k-u	57.9	39
Pioneer variety P42A84E	4.2	68.9 l-v	58.5	36
Dyna-Gro S37XF33	3.7	68.6 m-w	56.6	34
Dyna-Gro S37ES52	3.7	68.1 m-x	56.3	33
Dyna-Gro S47XF23S	4.7	68.0 n-y	57.7	37
Stine 47EE02	4.7	68.0 n-y	56.6	36
USG 7474XFS	4.7	67.9 n-y	57.3	34
Beck's 4630E3	4.6	67.9 o-y	58.1	33
Dyna-Gro S48EN73	4.8	67.9 o-y	56.8	38
Stine 49EE21	4.9	67.3 p-y	59.0	39
Stine 48EE20	4.8	67.2 q-z	57.5	37
Revere 4826XFS	4.8	67.0 q-A	56.7	37
Beck's 4450E3	4.4	66.3 r-B	57.5	33
AgriGold G4707E3	4.7	66.1 s-B	58.1	36
Innotech 3961E3S	3.9	65.7 t-B	57.1	32
Armor 43E70	4.3	65.4 u-B	57.7	34
AgriGold G4881E3	4.8	65.3 v-B	59.6	40
AgriGold G4459E3	4.4	65.2 v-C	59.0	32
Stine 44EC20	4.4	65.2 v-C	57.2	33
Beck's 4830E3	4.8	65.1 v-C	57.7	37
Xitavo XO 4364E	4.3	65.1 v-C	58.2	34
Connect CT4823E	4.8	64.7 w-C	57.6	33
AgriGold G4393E3	4.3	64.6 w-C	58.8	34
Connect CT4423E	4.4	64.4 x-C	57.3	34
Xitavo XO 4894E	4.8	64.4 x-C	57.4	38
Innotech 4233E3S	4.2	64.3 x-C	57.9	34
Connect CT4124E	4.1	64.0 y-C	58.6	35
AgriGold G4655E3	4.6	63.2 z-D	56.9	38
Xitavo XO 3803E	3.8	63.0 A-D	57.7	34
Stine 50EE12	5.0	62.6 BCD	58.1	36
Stewart 3954XF	3.9	62.4 BCD	58.1	40
Xitavo XO 4084E	4.0	61.2 CD	58.0	35
Innotech 4545E3S	4.5	59.8 D	57.8	36
LSD P=.10		4.1	.	.
CV		5.0	.	.
Grand Mean		69.6	57.6	37

Planted: June 28, 2023; Harvested: November 4, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 KY DC Two Location Average Soybean Variety Test
Hopkinsville, KY and Auburn, KY

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Stewart 4454XF	4.4	77.4	57.0	39
Progeny 4505RXS	4.5	77.3	56.5	38
AgriGold G4151E3	4.1	77.1	55.5	34
Progeny 4623XFS	4.6	76.9	55.8	39
Pioneer variety P48A14E	4.8	76.5	57.2	38
Asgrow AG46XF3	4.6	76.3	56.1	38
Dyna-Gro S45ES10	4.5	76.1	57.0	34
Xitavo XO 4132E	4.1	76.1	55.6	34
NuTech 47N04E	4.7	75.8	57.6	37
Revere 4795XS	4.7	75.2	57.0	35
Asgrow AG49XF3	4.9	74.8	56.8	38
Asgrow AG44XF4	4.4	73.9	56.7	33
Armor 45E73	4.5	73.7	56.7	35
Revere 4299XS	4.2	73.6	56.0	37
Stewart 4053XF	4.0	73.6	55.7	35
Pioneer variety P45A81E	4.5	73.5	56.8	35
Asgrow AG49XF4	4.9	73.4	57.3	36
NuTech 42N05E	4.2	73.2	56.5	36
Revere 4526XF	4.5	73.2	56.8	38
Stine 41EE62	4.1	73.0	55.3	32
Dyna-Gro S41EN72	4.1	72.8	55.9	33
Asgrow AG48XF3	4.8	72.1	56.2	36
USG 7463XF	4.6	72.1	57.4	34
USG 7461XFS	4.6	71.9	56.9	39
Xitavo XO 4772E	4.7	71.7	56.9	35
Xitavo XO 4653E	4.6	71.7	57.7	34
Dyna-Gro S49XF43S	4.9	71.4	56.6	33
Asgrow AG43XF2	4.3	71.0	56.0	35
Stine 47EE02	4.7	70.9	56.4	35
Stine 48EE20	4.8	70.6	56.5	36
Stewart 4634XF	4.6	70.6	57.5	40
Innotech 4983E3S	4.9	70.5	56.8	36
Dyna-Gro S48EN73	4.8	70.5	56.2	36
Progeny 4604XFS	4.6	70.4	56.8	39
Xitavo XO 4522E	4.5	70.3	55.7	32
Progeny 4755XFS	4.7	70.3	56.6	37
NuTech 45N09E	4.5	70.3	58.4	36
Dyna-Gro S47XF23S	4.7	70.2	57.0	35
Pioneer variety P42A84E	4.2	69.8	57.6	33
Pioneer variety P46A09E	4.6	69.6	55.9	35
Progeny 4691XFS	4.6	69.3	57.2	39
Stine 46EE20	4.6	69.3	56.5	32

Wheat Tech Agronomy
2023 KY DC Two Location Average Soybean Variety Test - Cont.
Hopkinsville, KY and Auburn, KY

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
USG 7474XFS	4.7	68.9	56.3	34
Progeny 4778XFS	4.7	68.3	57.0	37
Innotech 4233E3S	4.2	68.0	57.2	32
Pioneer variety P38A28E	3.8	67.7	56.7	33
Progeny 4200RXS	4.2	67.5	57.2	37
Revere 4826XFS	4.8	67.4	56.2	36
Stine 39EF32	3.9	67.4	57.5	34
Dyna-Gro S37XF33	3.7	67.2	55.7	32
Xitavo XO 4894E	4.8	66.8	56.5	36
AgriGold G4393E3	4.3	66.7	57.6	32
Beck's 4830E3	4.8	66.6	56.5	36
Connect CT4823E	4.8	66.4	56.5	33
Pioneer variety P37A18E	3.7	66.2	55.3	28
Progeny 4665XFS	4.6	66.2	57.0	41
AgriGold G4707E3	4.7	66.1	57.3	34
Beck's 4450E3	4.4	66.0	57.5	31
Stewart 4353XF	4.3	65.7	57.6	37
Beck's 4630E3	4.6	65.6	56.7	33
Stine 49EE21	4.9	65.5	57.7	37
AgriGold G4459E3	4.4	65.5	57.8	33
AgriGold G4881E3	4.8	65.4	57.8	38
Xitavo XO 4364E	4.3	65.1	57.7	32
Armor 43E70	4.3	65.0	56.7	34
Connect CT4423E	4.4	64.8	56.4	34
AgriGold G4655E3	4.6	64.6	56.5	36
Stine 50EE12	5.0	64.4	57.0	34
Dyna-Gro S37ES52	3.7	63.3	55.6	30
Stine 44EC20	4.4	62.9	56.7	32
Innotech 3961E3S	3.9	62.7	56.2	31
Stewart 3954XF	3.9	62.3	57.5	38
Innotech 4545E3S	4.5	62.2	57.3	34
Xitavo XO 3803E	3.8	61.6	57.2	31
Connect CT4124E	4.1	61.5	57.6	33
Xitavo XO 4084E	4.0	60.1	56.9	32
Grand Mean		69.4	56.7	35

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 KY DC Two Location Average Soybean Variety Test
Early Maturity Group (<= 4.2)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
AgriGold G4151E3	4.1	77.1	55.5	34
Xitavo XO 4132E	4.1	76.1	55.6	34
Revere 4299XS	4.2	73.6	56.0	37
Stewart 4053XF	4.0	73.6	55.7	35
NuTech 42N05E	4.2	73.2	56.5	36
Stine 41EE62	4.1	73.0	55.3	32
Dyna-Gro S41EN72	4.1	72.8	55.9	33
Pioneer variety P42A84E	4.2	69.8	57.6	33
Innotech 4233E3S	4.2	68.0	57.2	32
Pioneer variety P38A28E	3.8	67.7	56.7	33
Progeny 4200RXS	4.2	67.5	57.2	37
Stine 39EF32	3.9	67.4	57.5	34
Dyna-Gro S37XF33	3.7	67.2	55.7	32
Pioneer variety P37A18E	3.7	66.2	55.3	28
Dyna-Gro S37ES52	3.7	63.3	55.6	30
Innotech 3961E3S	3.9	62.7	56.2	31
Stewart 3954XF	3.9	62.3	57.5	38
Xitavo XO 3803E	3.8	61.6	57.2	31
Connect CT4124E	4.1	61.5	57.6	33
Xitavo XO 4084E	4.0	60.1	56.9	32
Grand Mean		68.2	56.4	33

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 KY DC Two Location Average Soybean Variety Test
Medium Maturity Group (4.3-4.6)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Stewart 4454XF	4.4	77.4	57.0	39
Progeny 4505RXS	4.5	77.3	56.5	38
Progeny 4623XFS	4.6	76.9	55.8	39
Asgrow AG46XF3	4.6	76.3	56.1	38
Dyna-Gro S45ES10	4.5	76.1	57.0	34
Asgrow AG44XF4	4.4	73.9	56.7	33
Armor 45E73	4.5	73.7	56.7	35
Pioneer variety P45A81E	4.5	73.5	56.8	35
Revere 4526XF	4.5	73.2	56.8	38
USG 7463XF	4.6	72.1	57.4	34
USG 7461XFS	4.6	71.9	56.9	39
Xitavo XO 4653E	4.6	71.7	57.7	34
Asgrow AG43XF2	4.3	71.0	56.0	35
Stewart 4634XF	4.6	70.6	57.5	40
Progeny 4604XFS	4.6	70.4	56.8	39
Xitavo XO 4522E	4.5	70.3	55.7	32
NuTech 45N09E	4.5	70.3	58.4	36
Pioneer variety P46A09E	4.6	69.6	55.9	35
Progeny 4691XFS	4.6	69.3	57.2	39
Stine 46EE20	4.6	69.3	56.5	32
AgriGold G4393E3	4.3	66.7	57.6	32
Progeny 4665XFS	4.6	66.2	57.0	41
Beck's 4450E3	4.4	66.0	57.5	31
Stewart 4353XF	4.3	65.7	57.6	37
Beck's 4630E3	4.6	65.6	56.7	33
AgriGold G4459E3	4.4	65.5	57.8	33
Xitavo XO 4364E	4.3	65.1	57.7	32
Armor 43E70	4.3	65.0	56.7	34
Connect CT4423E	4.4	64.8	56.4	34
AgriGold G4655E3	4.6	64.6	56.5	36
Stine 44EC20	4.4	62.9	56.7	32
Innotech 4545E3S	4.5	62.2	57.3	34
Grand Mean		69.8	56.9	35

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 KY DC Two Location Average Soybean Variety Test
Late Maturity Group (>= 4.7)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Pioneer variety P48A14E	4.8	76.5	57.2	38
NuTech 47N04E	4.7	75.8	57.6	37
Revere 4795XS	4.7	75.2	57.0	35
Asgrow AG49XF3	4.9	74.8	56.8	38
Asgrow AG49XF4	4.9	73.4	57.3	36
Asgrow AG48XF3	4.8	72.1	56.2	36
Xitavo XO 4772E	4.7	71.7	56.9	35
Dyna-Gro S49XF43S	4.9	71.4	56.6	33
Stine 47EE02	4.7	70.9	56.4	35
Stine 48EE20	4.8	70.6	56.5	36
Innotech 4983E3S	4.9	70.5	56.8	36
Dyna-Gro S48EN73	4.8	70.5	56.2	36
Progeny 4755XFS	4.7	70.3	56.6	37
Dyna-Gro S47XF23S	4.7	70.2	57.0	35
USG 7474XFS	4.7	68.9	56.3	34
Progeny 4778XFS	4.7	68.3	57.0	37
Revere 4826XFS	4.8	67.4	56.2	36
Xitavo XO 4894E	4.8	66.8	56.5	36
Beck's 4830E3	4.8	66.6	56.5	36
Connect CT4823E	4.8	66.4	56.5	33
AgriGold G4707E3	4.7	66.1	57.3	34
Stine 49EE21	4.9	65.5	57.7	37
AgriGold G4881E3	4.8	65.4	57.8	38
Stine 50EE12	5.0	64.4	57.0	34
Grand Mean		70.0	56.8	35

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 KY Three Location Average Soybean Variety Test
Younger Creek, Hopkinsville, KY and Auburn, KY

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Progeny 4505RXS	4.5	82.8	56.3	38
Pioneer variety P48A14E	4.8	82.2	56.9	39
Dyna-Gro S45ES10	4.5	80.7	56.7	35
NuTech 47N04E	4.7	80.3	56.8	37
Stine 41EE62	4.1	80.0	54.9	33
Progeny 4623XFS	4.6	79.8	55.7	39
Stewart 4454XF	4.4	79.7	56.7	39
Dyna-Gro S49XF43S	4.9	79.7	56.4	35
Xitavo XO 4132E	4.1	79.7	55.3	34
Pioneer variety P45A81E	4.5	79.1	56.0	35
Stewart 4053XF	4.0	79.1	55.2	35
Revere 4299XS	4.2	78.9	55.8	37
NuTech 42N05E	4.2	78.8	55.7	36
Xitavo XO 4653E	4.6	78.5	57.1	36
USG 7463XF	4.6	78.2	56.9	36
Revere 4526XF	4.5	78.2	56.6	39
Progeny 4200RXS	4.2	77.9	56.9	39
Asgrow AG43XF2	4.3	77.7	55.6	36
Pioneer variety P46A09E	4.6	77.3	55.4	35
Dyna-Gro S41EN72	4.1	77.2	55.5	34
Dyna-Gro S37XF33	3.7	77.0	55.2	34
Stine 47EE02	4.7	77.0	56.0	37
Pioneer variety P42A84E	4.2	76.7	57.0	35
Dyna-Gro S48EN73	4.8	76.4	56.2	36
Stewart 4634XF	4.6	76.3	56.6	41
Xitavo XO 4522E	4.5	76.3	55.5	34
Progeny 4691XFS	4.6	76.1	56.9	39
Stine 48EE20	4.8	76.0	56.3	37
USG 7461XFS	4.6	75.9	56.8	38
Innotech 4983E3S	4.9	75.9	56.6	38
Xitavo XO 4894E	4.8	75.8	56.6	38
Revere 4795XS	4.7	75.4	56.9	35
Progeny 4755XFS	4.7	75.2	56.4	38
Dyna-Gro S47XF23S	4.7	75.0	56.6	36
Pioneer variety P38A28E	3.8	75.0	56.4	34
Revere 4826XFS	4.8	74.9	56.0	37
Innotech 4233E3S	4.2	74.4	56.6	34
Progeny 4604XFS	4.6	74.3	56.4	39
NuTech 45N09E	4.5	74.3	58.1	38
Stine 46EE20	4.6	74.2	56.2	34
Pioneer variety P37A18E	3.7	74.0	54.7	29
Stine 50EE12	5.0	73.8	56.8	36

Wheat Tech Agronomy
2023 KY Three Location Average Soybean Variety Test - Cont.
Younger Creek, Hopkinsville, KY and Auburn, KY

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
USG 7474XFS	4.7	73.7	56.0	36
Progeny 4778XFS	4.7	73.4	56.7	39
Xitavo XO 4364E	4.3	72.7	57.2	33
Stewart 3954XF	3.9	72.3	57.1	39
Xitavo XO 3803E	3.8	71.3	56.5	33
Stine 49EE21	4.9	71.2	57.4	38
Stine 39EF32	3.9	70.9	56.9	34
Stine 44EC20	4.4	70.3	56.1	33
Stewart 4353XF	4.3	70.0	56.8	37
Dyna-Gro S37ES52	3.7	69.3	55.0	31
Xitavo XO 4084E	4.0	69.3	56.5	33
Innotech 3961E3S	3.9	69.2	56.0	31
Connect CT4124E	4.1	68.9	56.8	34
Innotech 4545E3S	4.5	68.9	56.7	34
Progeny 4665XFS	4.6	68.5	56.6	41
Grand Mean		75.5	56.3	36

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 KY Three Location Average Soybean Variety Test
Early Maturity Group (<= 4.2)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Stine 41EE62	4.1	80.0	54.9	33
Xitavo XO 4132E	4.1	79.7	55.3	34
Stewart 4053XF	4.0	79.1	55.2	35
Revere 4299XS	4.2	78.9	55.8	37
NuTech 42N05E	4.2	78.8	55.7	36
Progeny 4200RXS	4.2	77.9	56.9	39
Dyna-Gro S41EN72	4.1	77.2	55.5	34
Dyna-Gro S37XF33	3.7	77.0	55.2	34
Pioneer variety P42A84E	4.2	76.7	57.0	35
Pioneer variety P38A28E	3.8	75.0	56.4	34
Innotech 4233E3S	4.2	74.4	56.6	34
Pioneer variety P37A18E	3.7	74.0	54.7	29
Stewart 3954XF	3.9	72.3	57.1	39
Xitavo XO 3803E	3.8	71.3	56.5	33
Stine 39EF32	3.9	70.9	56.9	34
Dyna-Gro S37E52	3.7	69.3	55.0	31
Xitavo XO 4084E	4.0	69.3	56.5	33
Innotech 3961E3S	3.9	69.2	56.0	31
Connect CT4124E	4.1	68.9	56.8	34
Grand Mean		74.7	56.0	34

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 KY Three Location Average Soybean Variety Test
Medium Maturity Group (4.3-4.6)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Progeny 4505RXS	4.5	82.8	56.3	38
Dyna-Gro S45ES10	4.5	80.7	56.7	35
Progeny 4623XFS	4.6	79.8	55.7	39
Stewart 4454XF	4.4	79.7	56.7	39
Pioneer variety P45A81E	4.5	79.1	56.0	35
Xitavo XO 4653E	4.6	78.5	57.1	36
USG 7463XF	4.6	78.2	56.9	36
Revere 4526XF	4.5	78.2	56.6	39
Asgrow AG43XF2	4.3	77.7	55.6	36
Pioneer variety P46A09E	4.6	77.3	55.4	35
Stewart 4634XF	4.6	76.3	56.6	41
Xitavo XO 4522E	4.5	76.3	55.5	34
Progeny 4691XFS	4.6	76.1	56.9	39
USG 7461XFS	4.6	75.9	56.8	38
Progeny 4604XFS	4.6	74.3	56.4	39
NuTech 45N09E	4.5	74.3	58.1	38
Stine 46EE20	4.6	74.2	56.2	34
Xitavo XO 4364E	4.3	72.7	57.2	33
Stine 44EC20	4.4	70.3	56.1	33
Stewart 4353XF	4.3	70.0	56.8	37
Innotech 4545E3S	4.5	68.9	56.7	34
Progeny 4665XFS	4.6	68.5	56.6	41
Grand Mean		75.9	56.5	37

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

2023 KY Three Location Average Soybean Variety Test
Late Maturity Group (>= 4.7)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Pioneer variety P48A14E	4.8	82.2	56.9	39
NuTech 47N04E	4.7	80.3	56.8	37
Dyna-Gro S49XF43S	4.9	79.7	56.4	35
Stine 47EE02	4.7	77.0	56.0	37
Dyna-Gro S48EN73	4.8	76.4	56.2	36
Stine 48EE20	4.8	76.0	56.3	37
Innotech 4983E3S	4.9	75.9	56.6	38
Xitavo XO 4894E	4.8	75.8	56.6	38
Revere 4795XS	4.7	75.4	56.9	35
Progeny 4755XFS	4.7	75.2	56.4	38
Dyna-Gro S47XF23S	4.7	75.0	56.6	36
Revere 4826XFS	4.8	74.9	56.0	37
Stine 50EE12	5.0	73.8	56.8	36
USG 7474XFS	4.7	73.7	56.0	36
Progeny 4778XFS	4.7	73.4	56.7	39
Stine 49EE21	4.9	71.2	57.4	38
Grand Mean		76.0	56.5	37

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Missouri Full Season Soybean Variety Test
Wyatt, MO

Brand/Variety	RM‡	Yield (BU/A)		TW‡ (LB/BU)	Plant HT‡ (IN)
Gateway 469XF	4.6	109.6	a†	56.5	42
USG 7463XF	4.6	108.7	ab	57.2	44
Pioneer variety P46A90LX	4.6	105.8	abc	57.6	43
Stine 40FD23	4.0	103.1	a-d	56.2	42
USG 7461XFS	4.6	103.0	a-d	57.0	43
Channel 4823RFX/SR	4.8	101.8	a-e	56.0	41
Progeny 4691XFS	4.6	100.8	b-f	56.0	46
USG 7474XFS	4.8	99.3	c-g	55.9	43
Hefty H47XF2	4.7	99.2	c-g	56.6	44
Channel 4523RFX/SR	4.5	98.8	c-g	56.5	43
Progeny 4604XFS	4.6	98.8	c-g	56.4	44
Progeny 4200RXS	4.2	98.0	c-g	56.2	41
Hefty H39XF2	3.9	97.4	c-h	55.5	41
Pioneer variety P44A60LX	4.4	97.2	c-h	57.2	44
Progeny 4505RXS	4.5	96.9	d-i	56.4	39
Pioneer variety P48A04LX	4.8	96.5	d-j	56.1	41
Dyna-Gro S47XF23S	4.7	96.5	d-j	56.2	43
AgVenture AV 49F4X	4.9	96.4	d-j	55.6	42
Progeny 4778XFS	4.7	96.2	d-j	56.9	43
Progeny 4623XFS	4.6	95.3	d-k	56.3	39
Dyna-Gro S37XF33	3.7	95.0	d-k	55.4	36
Gateway 473XFS	4.7	94.9	d-k	57.2	45
Stine 38FA02	3.8	93.5	e-k	56.0	41
Hefty H42XF3S	4.2	92.9	f-k	55.6	38
Progeny 4806XFS	4.8	92.7	f-k	56.5	42
Pioneer variety P45A70LX	4.5	92.6	f-k	57.1	41
Progeny 4755XFS	4.7	91.7	g-k	56.9	40
Channel 4223RXF/SR	4.2	90.8	g-k	56.2	44
Dyna-Gro S49XF43S	4.9	88.9	h-k	55.7	40
Hefty H33XF2	3.3	88.4	ijk	55.4	28
AgVenture AV 46V6X	4.6	88.2	jk	56.4	42
Hefty H46XF1	4.6	87.0	k	56.3	41
LSD P=.10		8.6		.	.
CV		7.5		.	.
Grand Mean		96.8		56.3	41

Planted: April 18, 2023; Harvested: October 12, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Missouri Full Season Soybean Variety Test
Early Maturity Group (<= 3.6)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Hefty H39XF2	3.9	97.4 a†	55.5	41
Dyna-Gro S37XF33	3.7	95.0 a	55.4	36
Stine 38FA02	3.8	93.5 ab	56.0	41
Hefty H33XF2	3.3	88.4 b	55.4	28
LSD P=.10		5.5	.	.
CV		4.5	.	.
Grand Mean		93.6	55.6	37

Planted: April 18, 2023; Harvested: October 12, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

2023 Missouri Full Season Soybean Variety Test
Medium Maturity Group (4.0-4.5)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Stine 40FD23	4.0	103.1 a†	56.2	42
Channel 4523RFX/SR	4.5	98.8 ab	56.5	43
Progeny 4200RXS	4.2	98.0 abc	56.2	41
Pioneer variety P44A60LX	4.4	97.2 abc	57.2	44
Progeny 4505RXS	4.5	96.9 abc	56.4	39
Hefty H42XF3S	4.2	92.9 bc	55.6	38
Pioneer variety P45A70LX	4.5	92.6 bc	57.1	41
Channel 4223RFX/SR	4.2	90.8 c	56.2	44
LSD P=.10		7.8	.	.
CV		6.7	.	.
Grand Mean		96.3	56.4	41

Planted: April 18, 2023; Harvested: October 12, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Missouri Full Season Soybean Variety Test
Late Maturity Group (>= 4.6)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Gateway 469XF	4.6	110.1 a†	56.5	42
USG 7463XF	4.6	108.7 ab	57.2	44
Pioneer variety P46A90LX	4.6	105.8 abc	57.6	43
USG 7461XFS	4.6	103.0 a-d	57.0	43
Channel 4823RFX/SR	4.8	101.8 a-e	56.0	41
Progeny 4691XFS	4.6	100.7 a-f	55.9	46
USG 7474XFS	4.8	99.3 b-f	55.9	43
Hefty H47XF2	4.7	99.2 c-f	56.6	44
Progeny 4604XFS	4.6	98.8 c-f	56.4	44
Pioneer variety P48A04LX	4.8	96.5 c-g	56.1	41
Dyna-Gro S47XF23S	4.7	96.5 c-h	56.2	43
AgVenture AV 49F4X	4.9	96.4 c-h	55.6	42
Progeny 4778XFS	4.7	96.2 d-h	56.9	43
Progeny 4623XFS	4.6	95.3 d-h	56.3	39
Gateway 473XFS	4.7	94.9 d-h	57.2	45
Progeny 4806XFS	4.8	92.7 e-h	56.5	42
Progeny 4755XFS	4.7	91.7 fgh	56.9	40
Dyna-Gro S49XF43S	4.9	88.9 gh	55.7	40
AgVenture AV 46V6X	4.6	88.2 gh	56.4	42
Hefty H46XF1	4.6	87.0 h	56.3	41
LSD P=.10		9.5	.	.
CV		8.2	.	.
Grand Mean		97.6	56.5	42

Planted: April 18, 2023; Harvested: October 12, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Indiana Full Season Soybean Variety Test
Columbus, IN

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Stewart 3954XF	3.9	101.7 a†	56.4	44
NuTech 37N03E	3.7	99.0 ab	56.0	39
NuTech 42N05E	4.2	98.5 abc	56.3	43
Dyna-Gro S37XF33	3.7	96.5 a-d	56.0	40
Dyna-Gro S37ES52	3.7	95.9 a-e	55.3	38
NuTech 47N04E	4.7	93.9 a-f	56.3	41
Channel 3924RXF/SR	3.9	93.6 b-f	56.9	43
Channel 3823RXF	3.8	93.6 b-f	56.2	39
L&M 29E3	2.9	93.1 b-g	55.5	32
L&M 36E4	3.6	92.3 b-h	54.5	37
Xitavo XO 3752E	3.7	92.1 b-i	56.0	36
Stewart 4053XF	4.0	91.9 b-j	56.0	43
Progeny 4623XFS	4.6	91.8 b-j	56.1	41
NuTech 33N04E	3.3	91.4 b-k	55.4	35
Xitavo XO 3224E	3.2	90.9 c-k	55.3	33
Stewart 3843XF	3.8	90.9 c-k	56.3	40
Dyna-Gro S47XF23S	4.7	90.9 c-k	56.1	42
NuTech 36N04E	3.6	90.6 d-l	56.9	36
Xitavo XO 4132E	4.1	90.6 d-l	55.9	41
Xitavo XO 3014E	3.0	90.0 d-m	55.9	36
Beck's 4030E3	4.0	88.5 e-m	55.9	36
L&M 36E1	3.6	88.5 e-n	55.7	39
NuTech 39N07E	3.9	88.4 e-n	55.5	39
Stine 39EF32	3.9	87.7 f-o	57.2	39
Xitavo XO 3922E	3.9	86.7 f-p	56.5	37
L&M 34E2	3.4	85.7 g-q	56.0	35
Beck's 3340E3	3.3	85.7 g-q	55.4	31
Xitavo XO 3803E	3.8	85.4 g-q	56.5	36
Dyna-Gro S41EN72	4.1	85.3 g-q	57.0	38
Progeny 4505RXS	4.5	85.0 h-r	56.7	44
Progeny 4691XFS	4.6	84.9 h-r	56.3	45
Progeny 4778XFS	4.7	84.9 h-r	56.8	41
NuTech 34N02E	3.4	84.7 h-r	56.6	34
L&M 39E3	3.9	84.3 i-r	57.2	36
Progeny 4604XFS	4.6	84.3 j-r	56.7	41
NuTech 45N09E	4.5	84.2 j-r	57.4	42
Progeny 4665XFS	4.6	84.1 j-r	57.3	46
Xitavo XO 3483E	3.4	84.0 j-r	55.2	32
Dyna-Gro S49XF43S	4.9	83.8 k-r	57.1	36
Stine 46EE20	4.6	82.9 l-s	56.0	40
Progeny 4755XFS	4.7	82.3 m-t	56.0	45
Stine 47EE02	4.7	82.2 m-t	55.8	39

Wheat Tech Agronomy
2023 Indiana Full Season Soybean Variety Test - Cont.

Columbus, IN

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
Progeny 4200RXS	4.2	80.7 n-t	57.3	39
Stine 50EE12	5.0	80.3 o-t	58.0	41
L&M 40E3	4.0	79.6 p-t	58.2	34
Dyna-Gro S48EN73	4.8	79.6 p-t	57.4	38
Dyna-Gro S45ES10	4.5	78.5 q-u	57.3	37
Xitavo XO 4084E	4.0	77.3 r-u	57.6	38
Stine 41EE62	4.1	75.3 stu	56.3	39
Stine 44EC20	4.4	75.0 tu	56.5	38
Stine 48EE20	4.8	71.0 uv	57.0	40
Stine 49EE21	4.9	63.5 v	55.5	43
LSD P=.10		7.8	.	.
CV		7.7	.	.
Grand Mean		86.6	56.4	39

Planted: May 11, 2023; Harvested: October 17, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Indiana Full Season Soybean Variety Test
Early Maturity Group (<= 3.6)

Brand/Variety	RM‡	Yield (BU/A)		TW‡ (LB/BU)	Plant HT‡ (IN)
Stewart 3954XF	3.9	101.7	a†	56.4	44
NuTech 37N03E	3.7	99.0	ab	56.0	39
Dyna-Gro S37XF33	3.7	96.5	abc	56.0	40
Dyna-Gro S37ES52	3.7	95.9	a-d	55.3	38
Channel 3823RFX	3.8	93.6	b-e	56.2	39
L&M 29E3	2.9	93.2	b-f	55.5	32
Channel 3924RFX/SR	3.9	92.9	b-g	56.9	43
L&M 36E4	3.6	92.3	b-h	54.5	37
Xitavo XO 3752E	3.7	92.1	b-h	56.0	36
NuTech 33N04E	3.3	91.4	c-i	55.4	35
Xitavo XO 3224E	3.2	90.9	c-i	55.3	33
Stewart 3843XF	3.8	90.9	c-i	56.3	40
NuTech 36N04E	3.6	90.6	c-i	56.9	36
Xitavo XO 3014E	3.0	90.0	c-i	55.9	36
L&M 36E1	3.6	88.5	d-i	55.7	39
NuTech 39N07E	3.9	88.4	d-i	55.5	39
Stine 39EF32	3.9	87.7	e-i	57.2	39
Xitavo XO 3922E	3.9	86.7	e-i	56.5	37
L&M 34E2	3.4	85.7	f-i	56.0	35
Beck's 3340E3	3.3	85.7	f-i	55.4	31
Xitavo XO 3803E	3.8	85.4	ghi	56.5	36
NuTech 34N02E	3.4	84.7	hi	56.6	34
L&M 39E3	3.9	84.3	i	57.2	36
Xitavo XO 3483E	3.4	84.0	i	55.2	32
LSD P=.10		7.6		.	.
CV		7.1		.	.
Grand Mean		90.5		56.0	37

Planted: May 11, 2023; Harvested: October 17, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy
2023 Indiana Full Season Soybean Variety Test
Medium Maturity Group (4.0-4.5)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
NuTech 42N05E	4.2	98.5 a†	56.3	43
Stewart 4053XF	4.0	91.9 ab	56.0	43
Xitavo XO 4132E	4.1	90.6 bc	55.9	41
Beck's 4030E3	4.0	88.5 bc	55.9	36
Dyna-Gro S41EN72	4.1	85.2 bcd	57.0	38
Progeny 4505RXS	4.5	85.0 bcd	56.7	44
NuTech 45N09E	4.5	84.2 cde	57.4	42
Progeny 4200RXS	4.2	80.7 def	57.3	39
L&M 40E3	4.0	79.6 def	58.2	34
Dyna-Gro S45ES10	4.5	78.8 def	57.2	37
Xitavo XO 4084E	4.0	77.3 ef	57.6	38
Stine 41EE62	4.1	75.6 f	56.2	39
Stine 44EC20	4.4	75.0 f	56.5	38
LSD P=.10		7.4	.	.
CV		7.4	.	.
Grand Mean		83.9	56.8	39

Planted: May 11, 2023; Harvested: October 17, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

2023 Indiana Full Season Soybean Variety Test
Late Maturity Group (>= 4.6)

Brand/Variety	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (IN)
NuTech 47N04E	4.7	93.9 a†	56.3	41
Progeny 4623XFS	4.6	91.8 ab	56.1	41
Dyna-Gro S47XF23S	4.7	90.0 abc	56.1	42
Progeny 4691XFS	4.6	84.9 bcd	56.3	45
Progeny 4778XFS	4.7	84.9 bcd	56.8	41
Progeny 4604XFS	4.6	84.3 bcd	56.7	41
Progeny 4665XFS	4.6	84.1 bcd	57.3	46
Dyna-Gro S49XF43S	4.9	83.8 bcd	57.1	36
Stine 46EE20	4.6	82.9 cd	56.0	40
Progeny 4755XFS	4.7	82.3 cd	56.0	45
Stine 47EE02	4.7	82.2 cd	55.8	39
Stine 50EE12	5.0	80.3 d	58.0	41
Dyna-Gro S48EN73	4.8	79.6 de	57.4	38
Stine 48EE20	4.8	71.0 ef	57.0	40
Stine 49EE21	4.9	63.5 f	55.5	43
LSD P=.10		8.7	.	.
CV		8.8	.	.
Grand Mean		82.6	56.6	41

Planted: May 11, 2023; Harvested: October 17, 2023

†Means followed by same letter do not significantly differ (P=.10, LSD)

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

Wheat Tech Agronomy

2023 Soybean Variety Characteristics

Variety	Maturity	Soybean Cyst	Sudden	STS	Herb Toler
		Nematode Resistance	Death Syndrome		
AgriGold G4151E3	4.1	PI88788	MS	No	Enlist E3
AgriGold G4393E3	4.3	PI88788	MR	Yes	Enlist E3
AgriGold G4459E3	4.4	PI88788	MS	Yes	Enlist E3
AgriGold G4655E3	4.6	PI88788	MR	Yes	Enlist E3
AgriGold G4707E3	4.7	PI88788	MS	No	Enlist E3
AgriGold G4881E3	4.8	PI88788	MS	No	Enlist E3
AgVenture AV 46V6X	4.6	MR	MR	No	RR2 Xtend
AgVenture AV 49F4X	4.9	MR	MR	No	RR2 Xtend
Asgrow AG38XF3	3.8	PI88788	MS	No	XtendFlex
Asgrow AG40XF4	4.0	PI88788	MR	No	XtendFlex
Asgrow AG43XF2	4.3	PI88788	MR	No	XtendFlex
Asgrow AG44XF4	4.4	PI88788	MR	Yes	XtendFlex
Asgrow AG46XF3	4.6	PI88788	MR	Yes	XtendFlex
Asgrow AG48XF3	4.8	PI88788	MR	Yes	XtendFlex
Asgrow AG49XF3	4.9	PI88788	MR	No	XtendFlex
Asgrow AG49XF4	4.9	PI88788	MS	Yes	XtendFlex
Beck's 3340E3	3.3	P188788	MR	Yes	Enlist E3
Beck's 3555XF	3.5	P188788	MR	No	XtendFlex
Beck's 3663XF	3.6	P188788	MR	No	XtendFlex
Beck's 3997XF	3.9	P188788	MR	No	XtendFlex
Beck's 4030E3	4.0	P188788	MR	No	Enlist E3
Beck's 4630E3	4.6	PI88788	R	No	Enlist E3
Beck's 4830E3	4.8	PI88788	MR	Yes	Enlist E3
Channel 3823RFX	3.8	PI88788	R	No	XtendFlex
Channel 3924RFX/SR	3.9	MR3	R	Yes	XtendFlex
Channel 4223RFX/SR	4.2	R3	3	Yes	XtendFlex
Channel 4523RFX/SR	4.5	R3	4	Yes	XtendFlex
Channel 4823RFX/SR	4.8	R3	4	Yes	XtendFlex
Connect CT3923E	3.9	PI88788	MS	No	Enlist E3
Connect CT4124E	4.1	PI88788	MS	Yes	Enlist E3
Connect CT4423E	4.4	PI88788	R	Yes	Enlist E3
Connect CT4823E	4.8	PI88788	NR	No	Enlist E3
Dyna-Gro S37ES52	3.7	MR	MR	Yes	Enlist E3
Dyna-Gro S37XF33	3.7	MR	MR	No	XtendFlex
Dyna-Gro S40EN54	4.0	MR	MR	No	Enlist E3
Dyna-Gro S41EN72	4.1	MR	MR	No	Enlist E3
Dyna-Gro S45ES10	4.5	MR	MR	Yes	Enlist E3
Dyna-Gro S47XF23S	4.7	MR	Mr	Yes	XtendFlex
Dyna-Gro S48EN73	4.8	MR	MR	No	Enlist E3
Dyna-Gro S49XF43S	4.9	MR	Mr	Yes	XtendFlex

Wheat Tech Agronomy

2023 Soybean Variety Characteristics

Variety	Maturity	Soybean Cyst	Sudden	STS	Herb Toler
		Nematode Resistance	Death Syndrome		
FS HiSOY HS 39E10	3.9	PI88788	MR	No	Enlist E3
FS HiSOY HS 39F30	3.9	PI88788	MR	No	XtendFlex
FS HiSOY HS 45E00	4.5	PI88788	R	No	Enlist E3
FS HiSOY HS 46F00	4.6	PI88788	R	Yes	XtendFlex
FS HiSOY HS 47E30	4.7	PI88788	R	No	Enlist E3
FS HiSOY HS 48E10	4.8	PI88788	R	Yes	Enlist E3
Hefty H33XF2	3.3	PI88788	MR	None	XtendFlex
Hefty H39XF2	3.9	PI88788	MR	None	XtendFlex
Hefty H42XF3S	4.2	PI88788	MR	None	XtendFlex
Hefty H46XF1	4.6	PI88788	MR	None	XtendFlex
Hefty H47XF2	4.7	PI88788	MR	None	XtendFlex
NuTech 33N04E	3.3	PI88788	MR	No	Enlist E3
NuTech 34N02E	3.4	Peking	MR	No	Enlist E3
NuTech 36N04E	3.6	PI88788	MR	No	Enlist E3
NuTech 37N03E	3.7	PI88788	MR	No	Enlist E3
NuTech 39N07E	3.9	PI88788	MR	No	Enlist E3
NuTech 42N05E	4.2	PI88788	MR	No	Enlist E3
NuTech 45N09E	4.5	PI88788	MR	No	Enlist E3
NuTech 47N04E	4.7	PI88788	MR	No	Enlist E3
Pioneer variety P37A18E	3.7	P188788	MR	No	Enlist E3
Pioneer variety P38A28E	3.8	P188788	MR	No	Enlist E3
Pioneer variety P42A84E	4.2	P188788	MR	No	Enlist E3
Pioneer variety P44A60LX	4.4	R	MR	No	XtendFlex
Pioneer variety P45A70LX	4.5	R	MR	No	XtendFlex
Pioneer variety P45A81E	4.5	P188788	MR	No	Enlist E3
Pioneer variety P46A09E	4.6	P188788	MR	No	Enlist E3
Pioneer variety P46A90LX	4.6	R	MR	No	XtendFlex
Pioneer variety P48A04LX	4.8	R	MR	No	XtendFlex
Pioneer variety P48A14E	4.8	P188788	MR	No	Enlist E3
Progeny 4200RXS	4.2	MR3	MR	yes	RR2 Xtend
Progeny 4505RXS	4.5	MR3	MR	Yes	RR2 Xtend
Progeny 4604XFS	4.6	R	MR	Yes	XtendFlex
Progeny 4691XFS	4.6	R	S	Yes	XtendFlex
Stewart 3531XF	3.5	PI88788	MS	No	XtendFlex
Stewart 3644XF	3.6	PI88788	MR	No	XtendFlex
Stewart 3843XF	3.8	PI88788	MR	No	XtendFlex
Stewart 3954XF	3.9	PI88788	MR	Yes	XtendFlex
Stewart 4053XF	4.0	PI88788	MR	Yes	XtendFlex
Stewart 4353XF	4.3	PI88788	MR	Yes	XtendFlex
Stewart 4454XF	4.4	PI88788	MS	Yes	XtendFlex
Stewart 4634XF	4.6	PI88788	MR	Yes	XtendFlex

Wheat Tech Agronomy

2023 Soybean Variety Characteristics

Variety	Maturity	Soybean Cyst Nematode Resistance	Sudden Death Syndrome	STS	Herb Toler
USG 7461XFS	4.6	PI88788	MS	Yes	XtendFlex
USG 7463XF	4.6	Susceptible	R	No	XtendFlex
Xitavo XO 3014E	3.0	PI88788	MR	No	Enlist E3
Xitavo XO 3224E	3.2	Peking	MR	No	Enlist E3
Xitavo XO 3483E	3.4	PI88788	R	No	Enlist E3
Xitavo XO 3752E	3.7	PI88788	R	Yes	Enlist E3
Xitavo XO 3803E	3.8	PI88788	S	Yes	Enlist E3
Xitavo XO 3922E	3.9	PI88788	MS	No	Enlist E3
Xitavo XO 4084E	4.0	PI88788	MR	Yes	Enlist E3
Xitavo XO 4132E	4.1	PI88788	MR	No	Enlist E3
Xitavo XO 4364E	4.3	PI88788	MR	Yes	Enlist E3
Xitavo XO 4522E	4.5	PI88788	MR	No	Enlist E3
Xitavo XO 4653E	4.6	PI88788	MR	Yes	Enlist E3
Xitavo XO 4772E	4.7	PI88788	MR	No	Enlist E3
Xitavo XO 4894E	4.8	PI88788	MR	Yes	Enlist E3

All information provided was submitted by each company through the entry form