

College Station 2019 Soybean Performance Trial

Brand	Variety	GE Trait(s)	Maturity Group	Plant Height (in)	Lodging (%)	Shattering Score	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Credenz	CZ 5242	LibertyLink Soybeans	5.2	37	0	2	11.1	49.3	56
Credenz	CZ 4820	LibertyLink Soybeans	4.9	32	0	1	9.5	45.1	56
REV	4927X	Roundup Ready 2 Xtend Soybeans	4.9	31	0	3	9.6	52.9	53
Dyna-Gro	S52RS86	Roundup Ready 2 Yield Soybeans with STS	5.2	34	0	1	12.9	51.8	53
Garcia Grain	Vernal	Conventional		39	0	3	9.5	46.4	49
Dyna-Gro	S52XS39	Roundup Ready 2 Xtend Soybeans with STS	5.2	38	3	3	11.0	47.7	49
Progeny	P5226RYS	Roundup Ready 2 Yield Soybeans with STS	5.2	35	0	1	10.6	46.5	49
Credenz	CZ 4918	LibertyLink Soybeans	4.9	30	0	1	10.5	53.1	49
Credenz	CZ 4649	LibertyLink Soybeans	4.6	36	0	1	10.6	47.9	49
Credenz	CZ 4938	LibertyLink Soybeans	4.9	37	0	2	10.5	49.5	48
Progeny	P5170RX	Roundup Ready 2 Xtend Soybeans	5.1	32	0	2	9.4	47.2	48
Progeny	P4999RX	Roundup Ready 2 Xtend Soybeans	4.9	33	0	2	11.1	50.2	47
Progeny	P5252RX	Roundup Ready 2 Xtend Soybeans	5.2	37	0	2	11.8	51.0	47
University of Missouri	S15-10434C	Conventional	5.5	19	6	1	10.3	50.0	46
Petrus Seed	4916	Roundup Ready Soybeans	4.9	25	0	2	10.4	51.9	46
REV	49L88	LibertyLink Soybeans	4.9	30	0	2	10.5	49.8	44
Garcia Grain	WCV-4614	N/A		38	0	2	10.6	48.1	43
REV	49R94	Roundup Ready Soybeans	4.9	29	0	3	10.6	50.3	43
University of Arkansas	R14-1422	Conventional	5.4	24	0	1	10.3	47.6	42
University of Arkansas	R13-13997	Conventional	5.4	23	0	2	9.9	49.8	42
Progeny	P4851RX	Roundup Ready 2 Xtend Soybeans	4.8	30	0	1	10.3	48.7	41

*Yields highlighted in yellow are not significantly different (L.S.D., $p=0.05$) from the top ranked variety.

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University of Arkansas	R13-14635RR	Roundup Ready Soybeans	5.4	38	0	1	12.1	51.6	41
Garcia Grain	Otono	Conventional		35	0	2	10.1	49.7	40
University of Missouri	S13-3851C	Conventional	4.4	29	0	1	10.2	48.8	40
University of Arkansas	R15-2422	Conventional	4.7	33	6	2	11.3	49.2	39
Garcia Grain	WCO-4610	N/A		37	0	3	10.4	50.3	39
University of Missouri	S14-15138R	Roundup Ready Soybeans	4.8	25	0	1	8.9	45.3	38
Progeny	P4821RX	Roundup Ready 2 Xtend Soybeans	4.8	28	0	2	11.6	48.8	38
Garcia Grain	WCO-4820	N/A		36	0	4	10.5	47.0	38
Credenz	CZ 4539	N/A	4.5	29	0	1	11.6	46.3	38
Dyna-Gro	S48XT56	Roundup Ready 2 Xtend Soybeans	4.8	28	0	2	10.9	49.9	37
Dyna-Gro	S49XT39	Roundup Ready 2 Xtend Soybeans	4.9	27	0	1	11.0	49.6	37
University of Arkansas	R15-1587	Conventional	5.1	19	0	1	11.3	50.1	37
Credenz	CZ 5515	LibertyLink Soybeans	5.5	43	0	1	14.7	43.7	36
Garcia Grain	WCV-4810	N/A		35	0	5	9.3	47.8	35
Dyna-Gro	S49XS76	Roundup Ready 2 Yield Soybeans with STS	4.9	28	0	1	10.5	50.1	35
Progeny	P5016RXS	Roundup Ready 2 Xtend Soybeans with STS	5.0	25	0	2	9.7	46.9	35
University of Arkansas	R13-818	Conventional	5.3	23	0	1	12.1	47.0	35
University of Missouri	S13-1955C	Conventional	5.5	21	0	1	10.1	47.2	33
University of Missouri	S14-9051R	Roundup Ready Soybeans	4.7	22	0	3	10.6	47.7	32
University of Missouri	S13-10592C	Conventional	4.5	26	0	2	9.5	44.9	31
University of Missouri	S11-20337GT	Roundup Ready Soybeans	4.9	20	0	2	9.7	48.2	29

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TEXAS A&M UNIVERSITY
Soil & Crop Sciences

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University of Missouri	S14-15146R	Roundup Ready Soybeans	4.6	23	0	3	12.7	48.6	28
University of Tennessee	TN13-5537R1	Roundup Ready Soybeans	5.3	15	0	1	9.8	45.9	26
University of Missouri	S13-10590C	Conventional	4.3	26	0	2	9.9	43.8	23
University of Tennessee	TN16-520R1	Roundup Ready Soybeans	4.9	15	0	1	11.4	48.8	20
University of Missouri	S13-2743C	Conventional	4.1	22	5	2	9.1	46.3	18
University of Missouri	S14-9017R	Roundup Ready Soybeans	5.3	22	0	2	10.7		12

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Brand	Variety	GE Trait(s)	Maturity Group	Plant Height (in)	Lodging (%)	Shattering Score	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Agronomic information			Mean	29	0	2	10.6	48.5	39
Plant Date	4/17/2019		C.V. %	9.6	721.7	45.5	13.9	6.9	18.0
Harvest Date	9/16/2019		P>f (hybrid)	0.000			0.001	0.052	0.000
Irrigated	Yes		L.S.D.	3.9			2.1	5.2	9.9
Row Spacing (in)	30		Trial Notes						
Number of Rows	2		7/24/19: 1.25 lb/ac acephate + 1.5 oz/ac Mustang Maxx for stinkbugs						
Seeds per Acre	140,000		Cooperator <input type="text" value="Texas A&M AgriLife Research"/>						
N (lb/ac)	0		Four replications of each variety are planted in a randomized block design. Model : yield = variety blk. LSD provided when variety significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked variety. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from January 1 through the harvest date. For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505						
P2O5 (lb/ac)	0		Soil Type <input type="text" value="Silty clay loam"/>						
K2O (lb/ac)	0		Tillage <input type="text" value="Conventional"/>						
Precipitation (in)	32.76		Previous Crop <input type="text" value="Soybean"/>						
Irrigation (in)	6								
Herbicide	<input type="text" value="4/23/19 18 oz/ac Outlook. 5/24/19 10oz/ac Clethodim + 50 oz/ac Warrant Ultra"/>								

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