

TABLE 2. 2021 Southern Region Glyphosate Tolerant Soybean Trial (1 of 4)

Brand	Entry	Maturity Group	Maturity Date ¹	2021 3-Test Average		2021 Yields			2021 Composition ¹		2020 3-Test Average ²		2020 Composition ¹	
				Yield (bu/A)	Lodging (1-5)	Arlington (bu/A)	Clinton (bu/A)	Platteville (bu/A)	Protein (%)	Oil (%)	Yield (bu/A)	Lodging (1-5)	Protein (%)	Oil (%)
Ag Armour	AA 1721 E3	1.7	17-Sep	82	1.0	82	*72	94	33.4	20.0	--	--	--	--
AgriGold	G2095XF	2.0	20-Sep	81	1.0	80	64	*99	34.6	19.6	--	--	--	--
AgriGold	G2220XF	2.2	22-Sep	*85	1.3	84	69	*104	33.2	19.8	--	--	--	--
AgriGold	G2315XF	2.3	20-Sep	*85	1.2	85	68	*102	34.1	19.5	--	--	--	--
AgriGold	G2518XF	2.5	27-Sep	77	1.0	78	61	93	32.9	19.8	--	--	--	--
AgriGold	G2750XF	2.7	26-Sep	82	1.4	*88	67	92	35.5	18.8	--	--	--	--
Asgrow	AG20X9	2.0	19-Sep	*84	1.2	82	69	*103	33.5	19.2	--	--	--	--
Asgrow	AG20XF1	2.0	20-Sep	82	1.0	84	67	96	34.2	19.4	--	--	--	--
Asgrow	AG21XF0	2.1	20-Sep	80	1.0	*86	64	91	35.0	19.7	--	--	--	--
Asgrow	AG21XF1	2.1	20-Sep	81	1.0	82	60	*100	34.1	19.3	--	--	--	--
Asgrow	AG24XF1	2.4	22-Sep	80	1.0	*86	64	89	34.7	18.8	--	--	--	--
Asgrow	AG26XF1	2.6	23-Sep	79	1.0	83	62	91	34.1	19.1	--	--	--	--
Burrus	2497E	2.4	23-Sep	80	1.2	81	66	94	32.9	20.5	--	--	--	--
Burrus	2565E	2.5	22-Sep	83	1.0	*86	65	*99	32.3	20.5	--	--	--	--
Cornelius	CB26XF76	2.6	27-Sep	79	1.0	75	69	92	33.4	19.8	--	--	--	--
Cornelius	CB27XF34	2.7	26-Sep	82	1.0	79	64	*103	34.8	19.3	--	--	--	--
Cornelius	CB27X81	2.7	27-Sep	82	1.0	*86	69	90	34.2	18.6	--	--	--	--
Cornelius	CB29XF09	2.9	29-Sep	82	1.1	79	66	*101	34.1	19.4	--	--	--	--
Credenz	CZ 2121GTLL	2.1	20-Sep	82	1.0	85	66	94	33.6	20.0	--	--	--	--
Credenz	CZ 2550GTLL	2.5	26-Sep	81	1.0	81	69	94	34.2	19.4	83	1.5	34.5	19.1
Credenz	CZ 2760GTLL	2.7	26-Sep	*85	1.0	81	*71	*104	34.1	19.7	*88	1.3	34.5	19.5
Dairyland	DSR-2030E	2.0	20-Sep	*84	1.0	*87	65	*101	33.5	19.6	--	--	--	--
Dairyland	DSR-2040E	2.0	20-Sep	83	1.0	*86	64	*99	32.6	20.2	--	--	--	--
Dairyland	DSR-2222E	2.2	20-Sep	*85	1.0	*93	69	94	34.7	19.3	--	--	--	--
Dairyland	DSR-2424E	2.4	26-Sep	82	1.0	84	66	95	31.9	20.7	*87	1.0	32.1	20.7
Dairyland	DSR-2640E	2.6	27-Sep	*84	1.0	*91	65	97	33.1	20.4	*87	1.3	33.9	19.7

TABLE 2. CONTINUED. 2021 Southern Region Glyphosate Tolerant Soybean Trial (2 of 4)

Brand	Entry	Maturity Group	Maturity Date ¹	2021 3-Test Average		2021 Yields			2021 Composition ¹		2020 3-Test Average ²		2020 Composition ¹	
				Yield (bu/A)	Lodging (1-5)	Arlington (bu/A)	Clinton (bu/A)	Platteville (bu/A)	Protein (%)	Oil (%)	Yield (bu/A)	Lodging (1-5)	Protein (%)	Oil (%)
Dairyland	DSR-2999E	2.9	29-Sep	81	1.0	*87	65	92	33.2	20.0	*86	1.4	33.1	19.8
DONMARIO	DM 2544E	2.5	20-Sep	79	1.0	85	63	90	32.8	20.4	--	--	--	--
DONMARIO	DM 28E52	2.8	27-Sep	*84	1.0	85	65	*103	33.5	19.6	--	--	--	--
Dyna-Gro	S21EN81	2.1	20-Sep	*89	1.0	*93	*71	*102	33.1	20.0	*88	1.5	32.8	20.3
Dyna-Gro	S21XF61	2.1	26-Sep	80	1.0	84	62	94	35.0	19.1	--	--	--	--
Dyna-Gro	S21XF72	2.1	24-Sep	82	1.0	81	*71	94	36.2	19.2	--	--	--	--
Dyna-Gro	S23ES32	2.3	24-Sep	82	1.1	*87	*71	89	32.9	20.5	--	--	--	--
Dyna-Gro	S25EN02	2.5	20-Sep	82	1.0	84	69	94	32.4	20.6	--	--	--	--
Dyna-Gro	S25XF71S	2.5	27-Sep	81	1.0	*87	58	97	35.2	19.0	--	--	--	--
Dyna-Gro	S28EN22	2.8	27-Sep	*85	1.0	*93	64	*99	34.5	19.3	--	--	--	--
Dyna-Gro	S28XF92S	2.8	27-Sep	81	1.0	81	65	97	34.2	19.1	--	--	--	--
FS HiSOY	HS 19F10	1.9	18-Sep	*84	1.2	*90	68	96	33.7	19.7	--	--	--	--
FS HiSOY	HS 21E00	2.1	17-Sep	*86	1.0	*89	*73	97	32.3	20.8	--	--	--	--
FS HiSOY	HS 21F00	2.1	23-Sep	*87	1.3	*89	*77	95	33.2	19.8	--	--	--	--
FS HiSOY	HS 23F10	2.3	27-Sep	78	1.0	79	59	94	34.6	19.0	--	--	--	--
FS HiSOY	HS 24F00	2.4	26-Sep	83	1.0	85	65	*99	35.3	18.7	--	--	--	--
FS HiSOY	HS 25E00	2.5	26-Sep	*84	1.0	*90	67	95	32.5	21.1	*89	1.5	32.7	20.5
Genesis	G2550E	2.5	27-Sep	*87	1.2	*90	*72	*101	32.9	20.8	*87	1.3	32.8	20.8
Genesis	G2960E	2.9	26-Sep	82	1.0	*87	65	94	33.6	19.3	--	--	--	--
Golden Harvest	GH2102XF Brand	2.1	18-Sep	*87	1.2	84	*71	*104	34.5	19.6	--	--	--	--
Golden Harvest	GH2292E3 Brand	2.2	20-Sep	*84	1.0	*86	67	98	33.4	19.8	--	--	--	--
Impact	23E234N	2.3	23-Sep	77	1.0	80	57	95	34.0	19.7	--	--	--	--
Impact	28E256N	2.8	29-Sep	82	1.0	*86	63	98	33.7	19.4	--	--	--	--
Jung	1243R2X	2.4	27-Sep	78	1.0	84	63	88	34.2	19.1	*86	1.3	34.5	18.9
Jung	1244XF	2.4	23-Sep	83	1.0	82	65	*102	35.0	19.2	--	--	--	--
Jung	1254XF	2.5	23-Sep	79	1.0	83	61	93	33.9	19.4	--	--	--	--
Legacy Seeds	LS204-21	2.0	20-Sep	82	1.2	81	61	*103	34.0	19.7	--	--	--	--

TABLE 2. CONTINUED. 2021 Southern Region Glyphosate Tolerant Soybean Trial (3 of 4)

Brand	Entry	Maturity Group	Maturity Date ¹	2021 3-Test Average		2021 Yields			2021 Composition ¹		2020 3-Test Average ²		2020 Composition ¹	
				Yield (bu/A)	Lodging (1-5)	Arlington (bu/A)	Clinton (bu/A)	Platteville (bu/A)	Protein (%)	Oil (%)	Yield (bu/A)	Lodging (1-5)	Protein (%)	Oil (%)
Legacy Seeds	LS224-20	2.2	23-Sep	78	1.0	80	56	97	34.5	19.3	--	--	--	--
Legacy Seeds	LS244-21	2.4	22-Sep	77	1.0	77	66	88	33.4	19.6	--	--	--	--
Legacy Seeds	LS254-21	2.5	22-Sep	79	1.0	76	62	98	34.0	19.7	--	--	--	--
LG Seeds	LGS2491XF	2.4	26-Sep	78	1.0	79	64	92	33.4	19.5	--	--	--	--
Loyal Brand	L2130E	2.1	18-Sep	*85	1.0	*90	66	*99	32.9	20.5	--	--	--	--
Loyal Brand	L2240E	2.2	22-Sep	82	1.0	85	66	94	33.6	19.9	--	--	--	--
Loyal Brand	L2530E	2.5	26-Sep	82	1.1	*86	63	96	33.0	20.8	--	--	--	--
Mustang	22X228	2.2	27-Sep	77	1.0	79	58	93	34.3	19.0	--	--	--	--
NK	NK14-W6E3 Brand	1.4	11-Sep	81	1.0	82	68	93	33.7	20.0	--	--	--	--
NK	NK14-C7XF Brand	1.4	13-Sep	*86	1.0	*90	69	*100	34.4	19.4	--	--	--	--
NK	S17-E3 Brand	1.7	17-Sep	83	1.0	85	66	98	34.2	19.5	--	--	--	--
NK	NK17-M2XF Brand	1.7	14-Sep	*84	1.0	*90	69	92	33.3	20.1	--	--	--	--
NK	NK18-J7E3 Brand	1.8	18-Sep	83	1.0	84	*71	93	34.5	19.8	--	--	--	--
NK	NK19-C8XF Brand	1.9	18-Sep	78	1.1	83	63	89	36.1	18.8	--	--	--	--
NK	NK21-H4XF Brand	2.1	20-Sep	83	1.1	*88	*73	89	33.9	20.0	--	--	--	--
NK	NK22-C4E3 Brand	2.2	17-Sep	*84	1.0	83	69	*99	33.0	20.4	--	--	--	--
NK	NK24-G7E3 Brand	2.4	20-Sep	80	1.0	83	65	90	35.3	19.3	--	--	--	--
NK	NK25-C9XF Brand	2.5	23-Sep	*87	1.0	85	*76	*99	33.3	20.9	--	--	--	--
NK	NK27-A7XF Brand	2.7	23-Sep	79	1.2	79	68	90	34.3	19.6	--	--	--	--
NK	NK28-T3XF Brand	2.8	27-Sep	82	1.0	83	*72	90	33.7	19.0	--	--	--	--
NK	NK29-A5E3 Brand	2.9	29-Sep	82	1.0	83	*71	93	33.8	19.2	--	--	--	--
O'Brien	O'SOY2120GT27LL	2.1	20-Sep	76	1.0	77	60	91	34.0	19.7	75	1.0	34.2	19.8
O'Brien	O'SOY2421GT27LL	2.4	26-Sep	81	1.0	76	69	*100	32.6	20.1	--	--	--	--
P3 Genetics	1924E	2.4	22-Sep	80	1.0	78	67	96	32.8	20.4	79	1.2	33.8	19.5
P3 Genetics	2126E	2.6	23-Sep	*87	1.0	*86	*75	*99	32.8	19.6	82	1.1	33.4	19.1
P3 Genetics	1928E	2.8	26-Sep	*84	1.0	82	68	*102	33.3	20.4	*85	1.0	33.6	19.7
P3 Genetics	2229E	2.9	27-Sep	*88	1.0	*88	69	*106	34.0	19.3	--	--	--	--

TABLE 2. CONTINUED. 2021 Southern Region Glyphosate Tolerant Soybean Trial (4 of 4)

Brand	Entry	Maturity Group	Maturity Date ¹	2021 3-Test Average		2021 Yields			2021 Composition ¹		2020 3-Test Average ²		2020 Composition ¹	
				Yield (bu/A)	Lodging (1-5)	Arlington (bu/A)	Clinton (bu/A)	Platteville (bu/A)	Protein (%)	Oil (%)	Yield (bu/A)	Lodging (1-5)	Protein (%)	Oil (%)
Renk	RS282NXF	2.8	27-Sep	81	1.0	79	69	95	33.9	19.2	--	--	--	--
Stine	19EC12	1.9	20-Sep	*84	1.0	*92	66	94	32.8	20.3	--	--	--	--
Stine	19EC32	1.9	20-Sep	80	1.0	*87	61	93	32.2	20.2	--	--	--	--
Stine	24EA12	2.4	22-Sep	80	1.0	83	60	*99	32.6	21.0	--	--	--	--
Stine	24EE32	2.4	26-Sep	80	1.0	78	64	98	32.5	20.5	--	--	--	--
Stine	27EA23	2.7	26-Sep	*86	1.0	82	*72	*103	33.4	20.2	--	--	--	--
Stine	28EC32	2.8	29-Sep	*88	1.0	*91	*72	*102	33.2	19.6	--	--	--	--
Stine	29EB22	2.9	22-Sep	81	1.0	*90	60	92	33.0	19.9	--	--	--	--
Tracy	2442GTLL	2.4	26-Sep	76	1.0	77	60	91	33.3	19.6	--	--	--	--
Tracy	2551E	2.5	27-Sep	82	1.0	*86	64	97	32.8	21.0	*89	1.3	33.1	20.4
Tracy	2841GTLL	2.8	23-Sep	82	1.0	81	62	*102	33.8	20.0	--	--	--	--
Xitavo	XO 2181E	2.1	20-Sep	82	1.0	85	61	*101	32.5	20.6	--	--	--	--
Xitavo	XO 2282E	2.2	23-Sep	81	1.0	84	66	94	33.6	19.8	--	--	--	--
Xitavo	XO 2501E	2.5	26-Sep	83	1.0	82	*73	94	32.6	21.1	--	--	--	--
Xitavo	XO 2832E	2.8	27-Sep	*87	1.0	*92	67	*102	33.9	19.4	--	--	--	--
	Mean		22-Sep	82	1.0	84	66	96	33.7	19.8	83	1.2	34.1	19.3
	LSD (0.10)		--	5	NS	7	6	7	0.6	0.3	7	NS	0.5	0.3

* Yields preceded by an asterisk are not significantly different (0.10 level) than the highest yielding cultivar.

¹ Maturity date, protein, and oil determined at the Arlington site.

² The three locations in 2020 included Arlington, Janesville, and Platteville

Results that are shaded provide the best estimate of relative variety performance.