

County Production Meeting

- CST Corn and Soybean Hybrid/Variety Performance Data, 2013



Summary of efforts of 38 agents & 83 TN/KY producers in 36 counties.

Harvesting a total of 2,066 plots.

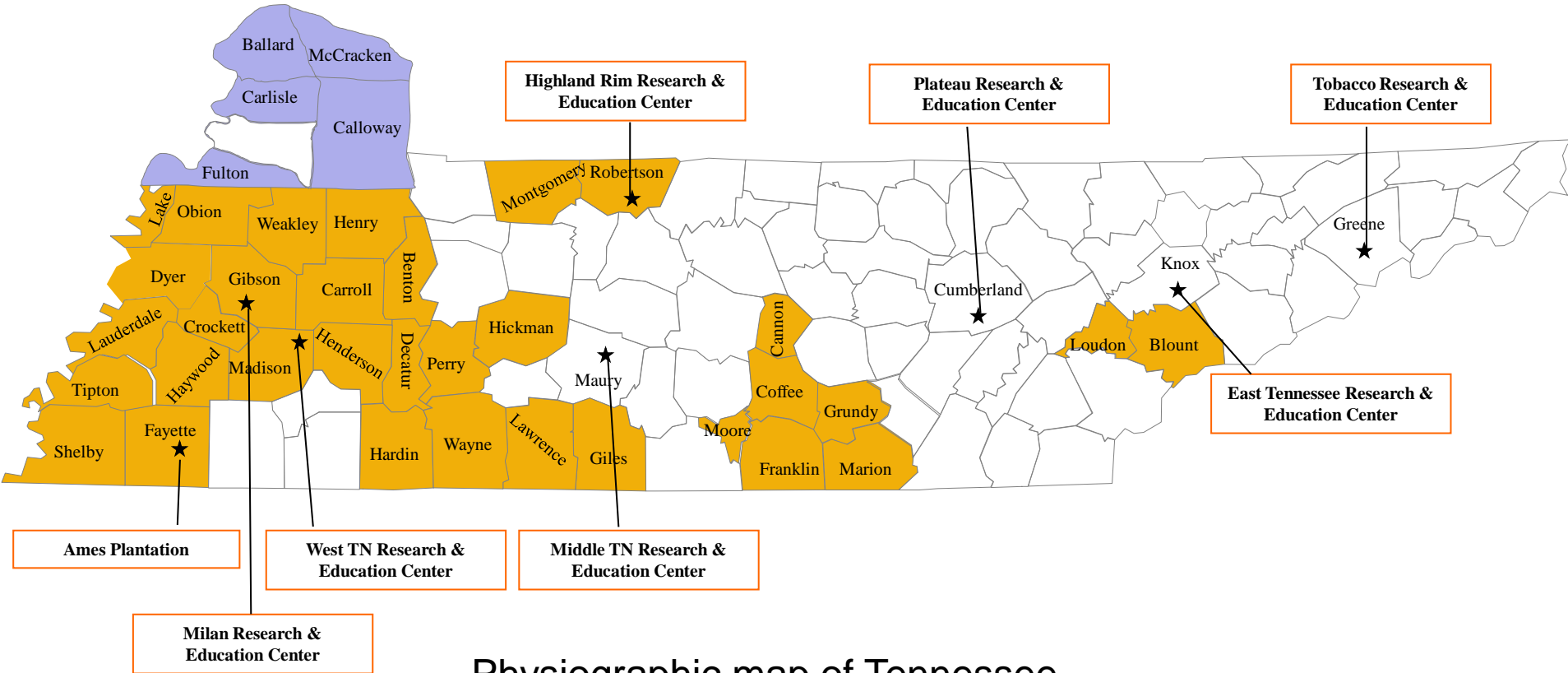
Corn	52 Hybrids	10 Companies	59 Locations	1,056 plots
Soybean	72 Varieties	15 Companies	53 Locations	830 plots
Wheat	18 Varieties	7 Companies	10 Locations	180 plots



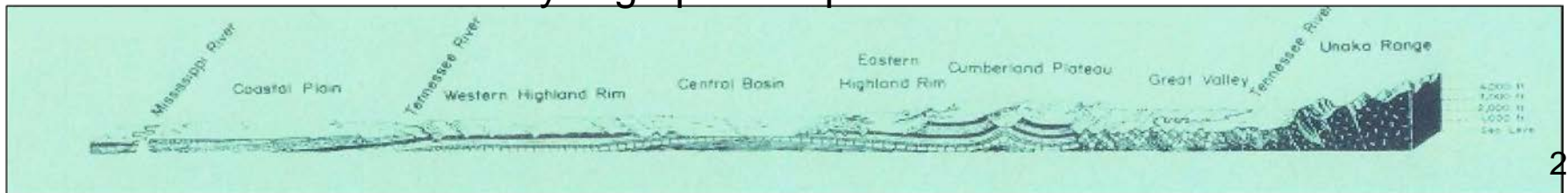
AGRONOMIC VARIETY TESTING

COUNTIES AND RESEARCH & EDUCATION CENTERS

Kentucky Counties



Physiographic map of Tennessee



2012 STANDARD EARLY SEASON ROUNDUP/STACKED CORN HYBRID TEST (108-113 DAY)

Tennessee & West Kentucky
(23 Hybrids X 17 Locations)

Legend

157	Location yield
157	Top yield
157	Yield above avg



MS	BRAND/HYBRID	AvgYld	Moist	TWt	Blou	Call	Carl	Carr	Coff	Dyer	Faye	Fran	Fult	Gile	Hend	Henr	Madi	Mont	Obio	Wea1	Wea2	
		bu/a	%	lb/bu	5/7§	4/9	4/20	4/15	4/3	4/2	3/29	3/27	4/9	4/27	3/29	3/30	4/6	4/4	4/18	3/30	3/29	
A	*LG Seeds LG2555 VT3	138	16.3	56.4	197	231	189	80	78	176	194	93	141	210	140	143	131	112	127	80	25	13
A	Mycogen 2V715 HX1/HXRW/RR/L	138	15.5	56.4	168	233	197	72	94	159	207	89	158	169	140	152	122	114	149	71	45	14
AB	Dairyland 9212Q	135	15.6	56.2	172	226	151	73	90	173	207	105	139	154	119	146	131	124	154	85	46	13
ABC	*Dekalb DKC61-88 GENVT3P	134	15.4	57.6	177	257	166	79	86	158	212	95	132	154	140	141	128	117	127	70	38	13
ABC	Armor 1010PRO2 RR/VT2PRO	134	14.8	58.0	163	232	177	87	99	148	207	101	148	153	131	153	119	102	105	83	68	12
ABCD	Dairyland 9111SSX	133	15.5	57.4	175	234	167	66	71	151	198	93	140	208	142	145	127	80	145	76	39	11
ABCD	Terral 22BHR43	132	16.2	59.9	192	245	179	86	69	166	213	114	119	110	145	158	124	94	93	81	48	13
ABCDE	****AgriGold A6533 VT3	130	16.2	56.8	179	226	150	72	78	151	208	108	149	148	146	145	117	109	121	83	29	13
ABCDEF	Dekalb DKC 62-09 GENVT3P	129	15.7	56.1	177	242	154	76	51	141	216	99	149	143	118	152	121	87	137	83	46	12
ABCDEF	Augusta A0720 GTCBLLC	128	16.8	57.5	183	233	176	78	85	126	201	109	121	118	135	179	118	97	106	64	55	10
BCDEFG	Augusta A5658 GTCBLLC	128	15.0	57.6	193	213	152	72	62	165	205	81	143	155	129	135	112	109	130	74	42	10
BCDEFGH	Dairyland 9610 3000GT	126	15.3	57.2	206	231	183	76	62	149	208	75	106	134	130	129	106	119	99	75	53	7
BCDEFGH	AgriGold A6486 VT3Pro	126	15.5	56.9	156	222	150	68	61	173	196	101	125	205	135	147	113	96	86	66	39	6
BCDEFGHI	Croplan 6125 VT3P	126	15.0	56.9	176	239	167	78	50	168	215	78	121	117	143	150	114	93	112	74	39	10
CDEFGHIJ	Armor 1262PRO2 RR/VT2PRO	125	16.3	57.9	191	229	160	69	57	156	206	102	128	106	144	137	116	100	115	67	32	7
DEFGHIJ	AgriGold A6476 VT3PRO	123	15.3	57.6	183	228	181	77	53	116	197	84	117	153	120	140	109	121	94	77	45	7
EFGHIJ	AgriGold A6517 VT3Pro	121	16.9	56.9	164	254	181	61	49	146	212	90	123	96	135	144	111	88	103	64	34	5
FGHIJ	LG Seeds LG2602 VT3Pro	120	17.1	56.2	147	239	181	66	50	147	211	99	145	94	128	146	116	88	100	61	27	6
GHIJ	Mycogen 2D744 SS	118	16.4	58.1	159	223	153	66	36	152	205	84	128	134	137	132	114	102	79	72	37	4
HIJ	NK Brand N68B 3111	118	16.5	55.5	177	223	201	62	44	153	207	98	122	66	114	137	123	93	83	63	32	6
IJ	Dyna-Gro 51VC40 VT2P	116	15.8	57.4	170	238	157	60	45	149	206	82	124	119	124	131	116	87	68	70	25	2
J	NK Brand N72Q 3111	115	16.9	55.9	172	221	156	58	77	131	182	89	120	133	139	126	105	68	98	59	28	2
J	Croplan 6160 VT3P	115	15.7	58.1	144	229	134	57	57	170	195	83	120	161	113	126	97	75	120	55	25	3
	Average (bu/ a)	126	15.9	57.2	175	233	168	71	65	153	205	94	131	141	132	143	117	99	111	72	39	

2013 STANDARD EARLY SEASON ROUNDUP/STACKED CORN HYBRID TEST (108-113 DAY)

Tennessee & West Kentucky
(22 Hybrids X 21 Locations)



MS	BRAND/HYBRID	AvgYld	Moist	TWt	Ba	Call	Carl	Car	Cof	Dye	Fay	Fra	Ful	Gib	Gil	Hed	He1	He2	Lou	Mad	Mon	Obi	Rob	We1	We2	
		bu/a	%	lb/bu	5/15§	5/10	5/15	4/16	4/15	4/18	4/8 i	5/15	5/2	4/18	4/15	4/22	5/15	5/20	4/18	4/22	4/16	4/18i	5/16	4/18	4/9	
A	Croplan 6640 VT3P	217	17.9	58.2	214	230	223	202	181	226	251	220	219	198	219	199	234	218	209	188	218	262	247	156	233	19
AB	*Dekalb DKC62-08 GENSS	215	17.7	58.1	190	240	242	214	169	199	247	226	212	192	225	201	215	176	211	162	213	266	236	223	256	17
ABC	Dyna-Gro D52VC91 VT2P	211	18.1	58.8	207	227	230	206	183	214	268	225	207	182	264	168	217	194	204	169	219	200	249	179	225	19
ABC	Augusta A5262 3000GT	211	18.7	55.7	194	223	240	221	186	212	238	209	212	183	234	173	227	198	210	166	219	238	230	188	232	21
BCD	Dekalb DKC61-88 GENVT3P	208	17.0	58.3	210	231	225	204	177	225	230	217	203	186	235	172	223	186	211	172	205	226	248	169	216	17
CDE	Warren Seed DS9610 3000GT	206	17.4	57.2	200	218	212	212	174	158	242	182	191	199	252	187	216	193	205	163	235	262	225	186	218	14
CDEF	LG Seeds LG2555 VT3PRIB	204	17.5	56.7	183	220	211	208	162	220	246	216	184	158	214	194	220	190	213	170	195	235	223	168	251	11
DEFG	Warren Seed DS9212 SSX	202	17.4	55.9	199	220	231	203	175	177	228	203	179	183	211	171	222	208	209	158	213	219	221	200	220	13
DEFGH	Dyna-Gro D53VC13 VT2P	202	17.8	58.2	206	225	225	207	190	185	230	192	185	180	220	155	208	191	196	164	211	229	223	170	240	11
DEFGH	Mycogen 2V707 SSX	201	17.4	57.2	190	223	223	210	157	183	218	210	198	187	237	174	191	186	208	157	214	235	219	178	221	12
EFGH	Terral 22BHR43	200	17.5	59.7	183	226	230	188	164	152	262	213	203	175	247	186	219	201	191	157	162	216	225	183	212	11
EFGH	Armor 1133PRO2 VT2PRO	199	17.1	57.4	177	198	229	208	149	194	238	189	190	183	210	200	208	200	210	158	217	217	221	138	241	11
FGH	Warren Seed DS9111 SSX	198	17.2	56.7	203	222	206	182	163	180	228	188	197	187	242	167	187	189	203	163	201	220	207	187	231	8
FGH	Armor 1010PRO2 VT2PRO	197	16.8	58.3	200	210	213	190	176	207	245	223	186	167	242	149	194	187	187	169	192	200	231	168	204	8
FGHI	Mycogen 2V714 SSX	197	17.4	55.9	201	222	207	178	150	166	206	197	186	184	239	175	217	200	198	163	198	217	222	189	215	9
FGHI	AgriGold A6486 VT2RIB	196	17.1	56.9	189	212	206	217	154	205	233	196	188	184	202	154	202	196	189	163	206	221	218	179	213	6
FGHI	AgriGold A6517 VT3PRIB	196	18.0	55.2	183	177	217	219	161	185	224	184	200	185	226	166	202	203	204	172	201	232	222	143	209	8
GHI	Terral 17HR73	194	16.8	56.9	186	215	204	209	178	197	225	184	191	178	207	179	188	200	162	170	198	220	217	156	215	7
HI	Mycogen 2V777 SSX	194	17.8	55.4	155	168	200	204	175	180	232	193	186	196	217	192	211	202	196	143	184	221	207	202	211	8
IJ	AgriGold A6489 VT2RIB	189	17.5	57.9	195	210	211	182	176	161	246	201	191	157	232	164	185	156	184	162	183	205	219	159	185	4
JK	LG Seeds LG2620 VT2RIB	185	17.7	57.7	182	183	190	196	147	175	239	188	193	140	222	135	176	202	144	167	200	208	199	169	236	4
K	AgriGold A6533 VT2RIB	178	17.4	57.8	176	188	181	183	161	163	231	182	179	143	205	102	172	193	172	173	181	196	208	145	201	1
	Average (bu/a)	200	17.5	57.3	192	213	216	202	168	189	237	202	195	179	227	171	206	194	196	165	203	225	224	174	222	

Table 3. Overall mean yields and agronomic characteristics of 49 early-season corn hybrids evaluated in seven environments in Tennessee during 2013.

Brand	Hybrid \$	Avg. Yield [†]	Moisture	Test	Lodging	Plant	Ear
		± Std Error (n=7)	at Harvest (n=7)	Weight (n=2)		Height [‡] (n=3)	Height [‡] (n=3)
		bu/a	%	lbs/bu	%	in.	in.
Augusta	A5658GTCBLL	229 ± 5	17.8	54.1	0	101	37
Croplan	6640VT3P	224 ± 5	18.4	54.6	0	94	33
DeKalb	DKC61-88 GENVT3P	223 ± 4	17.7	55.0	0	97	33
Terral-REV Brand	18BHR84 (RR/LL/YGCB/HX1)	223 ± 5	17.0	55.2	0	98	33
Augusta	A5262GT3000	222 ± 5	19.1	54.3	0	105	35
Armor	1262PRO2	221 ± 5	17.6	55.7	0	105	36
Agrigold	A6559VT2PRO	220 ± 5	17.8	56.0	0	101	34
Dekalb	DKC62-08 GENSS	220 ± 4	17.7	54.8	0	96	36
LG SEEDS	LG5618STXRIB	220 ± 4	19.2	54.4	0	94	33
Mycogen	2V707 (SSX)	219 ± 5	17.3	55.2	0	99	37
Terral-REV Brand	22BHR21 (RR/LL/YGCB/HX1)	218 ± 5	17.3	55.2	0	101	35
Warren Seed	DS9111SSX (RR/LL/CB/RW)	218 ± 4	17.4	55.2	0	98	36
Steyer	11208 VT3PRORIBC	217 ± 5	17.5	54.2	0	100	34
Agrigold	A6499VT3PRO	217 ± 5	17.8	55.5	0	95	34
Croplan	6265VT2P	217 ± 5	17.4	55.7	0	99	36
NK Brand	N72Q-3111 (RR/LL/CB/RW/VIP)	217 ± 4	18.6	56.0	0	102	39
Agrigold	A6501VT3PRO	217 ± 4	18.5	54.8	0	98	31
Armor	1133PRO2	216 ± 5	17.3	55.3	0	96	32
Warren Seed	DS9610 (RR/LL/CB/RW)	215 ± 4	17.0	55.1	0	96	36
Steyer	X31111TM VT2PRORIBC	215 ± 5	17.6	55.2	0	100	35
Delta Grow	3660 (RR/LL/CB/BL)	215 ± 5	19.1	53.7	0	105	35
Dyna-Gro	D52VC91 (VT3P)	215 ± 5	18.4	55.5	0	99	34
Caverndale Farms	CF 834 VT2PRORIB	214 ± 5	18.6	55.5	0	96	33
Augusta	A5363VT3Pro	214 ± 4	17.1	55.8	0	101	36
Delta Grow	16660VIP3111	214 ± 5	16.9	56.4	0	100	35
Mycogen	2V714 (SSX)	213 ± 4	17.3	55.0	0	101	39
Great Lakes	6232VT3PRIB	213 ± 5	18.2	54.7	0	97	31
Terral-REV Brand	22BHR43 (RR/LL/CB/HX1)	211 ± 4	17.9	56.4	0	107	37
Terral-REV Brand	17HR73 (RR/LL/HX1)	211 ± 5	17.0	55.7	0	102	34
Armor	1010PRO2	209 ± 5	16.8	56.1	0	102	37
LG SEEDS	LG2555VT3PRIB	209 ± 5	17.7	55.6	0	100	34
Dekalb	DKC61-78 GENVT3PRIB	209 ± 5	17.9	55.0	0	100	36
Terral-REV Brand	22BHR54 (RR/LL/YGCB/HX1)	209 ± 5	19.2	54.1	0	103	36
Warren Seed	DS9212SSX	209 ± 5	17.5	54.2	0	100	36

2012 STANDARD MEDIUM SEASON ROUNDUP/STACKED CORN HYBRID TEST (114-116 DAY)

Tennessee & West Kentucky
(21 Hybrids X 22 Locations)

Legend

157	Location yield
157	Top yield
157	Yield above avg



MS	BRAND/HYBRID	AvgYld	Moist	TWt%	Cal	Car	Cro	Dec	Dye	Fay	Fra	Ful	Gib	Gil	Har	Hen	Henr	Hic	Lak	Lau	Lou	Mad	Obi	Rob	She	Wea	
		bu/a	%	lb/bu	4/9\$	4/21	3/20	4/16	4/2	4/10	3/27	4/9	4/2	4/3	5/2	3/29	3/30	4/2	4/2	4/12	3/23	3/31	3/29	4/10	4/10	4/18	
A	**Dekalb DKC64-69GENVT3P	134	16.2	57.2	253	132	77	203	156	102	118	118	118	66	177	148	167	113	191	210	84	128	141	96	125	36	21
A	Croplan 6926VT3P	134	16.2	59.3	243	82	79	175	158	102	88	162	103	73	166	145	181	115	188	161	108	129	165	115	134	70	19
A	Augusta A5565VT3Pro	133	16.4	56.9	243	110	70	179	164	103	118	128	120	38	171	134	169	95	202	189	92	132	160	128	127	54	20
AB	Armor 1550PRO3RR/VT3PRO	131	17.0	58.4	252	110	78	154	161	106	122	127	113	70	172	133	166	92	203	205	80	137	158	89	106	54	18
AB	LG Seeds LG2641VT3	130	16.6	55.9	254	78	81	184	154	99	142	130	83	67	171	143	160	111	192	210	85	129	139	68	113	62	18
ABC	Croplan 6960VT3P	129	16.5	58.2	253	101	78	210	162	98	112	125	92	63	176	128	162	102	187	216	86	118	120	68	107	68	17
ABCD	**Dekalb DKC66-97GENVT2P	128	16.1	57.7	254	100	72	173	147	105	112	148	83	43	194	134	152	100	182	222	79	149	115	59	134	60	14
BCDE	Dairyland 9614Q	123	17.2	55.8	224	105	66	153	139	108	97	160	126	51	165	129	161	98	170	210	77	111	108	86	124	49	12
CDEF	Dyna-Gro 54VP81VT3P	121	16.7	58.5	246	108	63	162	153	86	93	116	104	48	158	137	171	88	178	211	83	125	134	63	97	40	11
CDEF	NK Brand N78S 3111	121	17.9	55.8	242	89	66	184	151	91	105	117	90	52	174	131	151	93	179	210	78	101	102	98	123	28	12
DEF	AgriGold A6553VT2RIB	120	16.5	57.7	241	52	83	165	141	118	119	114	106	30	160	130	150	97	186	199	89	105	140	76	106	33	9
EFG	LG Seeds LG2636VT3Pro	118	16.7	56.5	250	110	59	178	151	101	82	138	90	26	178	135	150	107	185	200	72	108	107	38	115	25	11
EFGH	Mycogen 2V738 SS	117	15.8	57.3	252	96	74	145	157	102	96	113	87	63	139	136	151	100	166	205	86	87	132	46	106	33	11
EFGHI	Dairyland 9214SSX	115	16.9	57.6	218	66	80	152	147	89	99	122	71	53	160	136	146	64	185	202	86	124	110	66	125	32	9
EFGHI	AgriGold A6573VT3Pro	115	16.9	56.8	248	103	65	177	158	81	66	116	86	49	171	138	150	90	180	185	76	102	92	65	105	25	6
FGHI	Augusta A7664VT3	115	17.3	56.4	231	81	66	145	155	93	103	116	83	62	134	134	165	106	169	192	94	85	126	51	103	31	7
FGHI	Terral 27HR52	114	17.4	57.4	254	74	77	172	148	84	98	81	78	64	164	125	167	86	182	201	84	84	119	41	104	23	7
GHIJ	Mycogen 2P768 SS	110	16.5	56.9	240	84	49	119	114	78	134	93	92	46	178	125	140	47	182	206	75	99	84	88	124	29	5
HIJ	NK Brand N77P 3111	109	17.6	55.7	230	70	64	149	148	91	68	105	104	43	158	141	149	81	164	214	73	87	100	28	103	26	3
IJ	Terral 26HR23	108	16.6	58.8	226	87	50	154	142	101	88	93	78	27	147	132	150	65	194	200	75	82	96	53	114	15	2
J	Dairyland 7015HX/RR	105	18.4	55.8	227	20	59	150	151	102	129	27	99	54	115	120	135	87	168	188	71	87	137	44	110	25	6
	Average (bu/a)	120	16.8	57.2	242	88	69	166	150	97	104	117	96	52	163	134	157	92	183	202	82	110	123	70	115	39	

2013 STANDARD MEDIUM SEASON ROUNDUP/STACKED CORN HYBRID TEST (114-116 DAY)

Tennessee & West Kentucky
(18 Hybrids X 23 Locations)



MS	BRAND/HYBRID	AvgYld	Moist	TWt%	Ca/	Can	Car	Cof	Dec	Dye	Fa1	Fa2	Fra	Ful	Gib	Gil	Hay	Hen	He1	He2	Hic	Mad	McC	Per	Rob	She	Way	
		bu/a	%	lb/bu	5/16S	4/15	5/14	4/15	5/16	4/18	5/1	4/16	5/15	5/2	4/18	4/10	5/10	4/22	5/15	5/20	5/16	4/17	5/18	5/3	4/18	5/15	5/15	
A	Terral 24BHR93	200	17.6	58.4	240	217	180	192	233	203	177	207	187	218	195	148	136	176	226	235	241	166	178	232	225	178	208	20
AB	Dyna-Gro D55VP77 VT3P	196	17.6	59.1	236	202	173	173	208	221	184	195	189	211	200	137	130	208	214	213	219	174	193	220	256	177	175	16
AB	*Croplan 6960 VT3P	195	17.5	59.6	220	186	164	197	232	213	179	189	215	198	198	137	143	177	221	215	205	166	186	232	238	167	205	13
AB	***Dekalb DKC66-97 GENVT2P	195	17.8	59.1	248	206	167	195	199	209	192	194	204	204	184	149	120	163	209	188	239	167	228	249	206	182	178	14
AB	***Dekalb DKC64-69 GENVT3P	194	17.8	58.8	249	214	158	170	216	210	190	206	176	186	204	149	129	213	214	207	228	174	200	233	203	165	179	16
AB	*Armor 1550PRO2 VT2PRO	194	18.0	58.8	241	215	183	175	221	190	168	200	169	194	204	152	116	206	237	207	218	152	202	237	227	158	194	14
ABC	Augusta A5664 3000GT	193	18.0	57.6	223	205	174	192	215	208	170	189	211	193	189	133	120	205	198	204	224	187	198	214	215	163	197	11
ABC	*Augusta A5565 VT3Pro	192	17.8	58.5	234	211	170	175	217	202	177	208	185	208	246	132	128	193	195	204	221	151	161	238	210	176	174	14
ABCD	Augusta A6665 VT3Pro	191	17.0	59.2	214	186	182	191	225	212	186	192	165	207	196	156	113	200	186	202	239	156	196	211	232	172	179	14
BCD	Warren Seed DS9314 SSX	189	18.0	57.1	216	200	166	186	211	210	170	200	188	199	195	136	123	202	199	191	226	176	165	212	210	185	191	11
BCD	Armor 1555 SS	189	18.0	58.1	220	195	163	176	213	188	187	191	181	196	200	129	134	177	203	197	221	180	196	207	225	178	191	10
BCD	Warren Seed DS9713 SSX	189	18.4	55.3	239	200	174	172	216	187	167	166	155	192	208	132	134	188	199	213	218	177	173	227	217	184	204	11
BCD	AgriGold A6573 VT3PRIB	189	18.0	57.1	244	204	167	167	202	195	172	210	188	193	171	122	116	171	196	223	219	145	209	240	217	179	187	8
BCD	Terral 26R60	188	17.7	58.5	229	191	186	183	229	183	166	189	180	195	183	128	109	201	209	223	231	168	146	258	214	150	182	9
BCD	LG Seeds LG2636 VT3PRIB	188	17.6	57.3	231	192	172	186	202	186	174	180	156	209	194	120	128	170	235	217	210	186	157	238	212	189	187	10
CD	Dyna-Gro D54VP81 VT3P	184	17.6	59.7	236	219	171	189	218	198	171	166	179	185	202	164	147	183	187	195	203	167	177	108	236	148	184	11
D	Croplan 6926 VT3P	182	17.2	59.7	224	225	162	186	188	165	157	194	183	209	171	131	111	179	180	177	216	165	176	239	220	156	177	6
E	AgriGold A6553 VT2RIB	171	18.0	57.3	207	193	164	162	204	166	171	181	191	189	178	148	112	56	150	205	193	165	138	196	215	171	188	4
	Average (bu/a)	190	17.7	58.3	231	203	171	181	214	197	175	192	183	199	195	139	125	182	203	206	221	168	182	222	221	171	188	

Table 9. Overall mean yields and agronomic characteristics of 43 medium-season corn hybrids evaluated in seven environments in Tennessee during 2013.

Brand	Hybrid §	Avg. Yield [†]	Moisture	Test	Lodging (n=3)	Plant	Ear
		± Std Err (n=7)	at Harvest (n=7)	Weight (n=2)		Height [‡] (n=3)	Height [‡] (n=3)
		bu/a	%	lbs/bu	%	in.	in.
Beck's Hybrids	Beck 6626AM (RR/LL/CB)	232 ± 5	17.9	54.1	0	106	38
Terral-REV Brand	24BHR93 (RR/LL/CB/HX1)	231 ± 4	18.3	54.7	0	105	37
Augusta	A5565VT3Pro	228 ± 4	18.4	55.3	0	88	29
Croplan	6960VT3P	227 ± 4	17.9	55.8	0	100	33
Golden Acres	G4598 (VT2P)	224 ± 4	17.9	54.4	0	104	34
NK Brand	N78S-3111 (RR/LL/CB/RW/VIP)	222 ± 5	19.4	51.9	0	101	38
Beck's Hybrids	Phoenix 6542A4 (RR/LL/CB/RW/BL)	221 ± 5	19.9	52.2	0	101	36
Dekalb	DKC66-40 GENSSRIB	221 ± 5	18.3	54.1	0	101	37
Augusta	A5465 (GT/LL/CB)	220 ± 4	19.6	54.6	0	103	35
DeKalb	DKC66-97 GENVT2P	220 ± 5	18.9	53.8	0	99	32
Agrigold	A6659VT3Pro	220 ± 4	18.6	54.9	0	96	33
Terral-REV Brand	26R60 (RR)	219 ± 4	17.9	55.3	0	104	34
Armor	1550PRO2	219 ± 4	19.2	56.1	0	99	33
Steyer	11407 VT3PRORIBC	218 ± 4	18.2	55.2	0	90	30
Great Lakes	6686VT3PRIB	218 ± 4	18.0	54.8	0	97	32
Steyer	11504 VT2PRORIBC	217 ± 4	17.1	55.5	0	102	33
Dyna-Gro	D55VC77 (VT2P)	217 ± 5	17.9	55.5	0	90	29
Dyna-Gro	CX56VP46 (VT3P)	216 ± 4	18.6	54.4	0	93	34
Croplan	6926VT3P	216 ± 4	18.1	55.4	0	93	31
Steyer	X31161TM VT2PRORIBC	215 ± 4	19.1	53.5	0	97	35
Armor	1555SS	214 ± 4	19.2	54.6	0	89	31
Golden Acres	26V21 (VT3Pro)	213 ± 5	18.4	53.5	0	104	37
Agrigold	A6573VT3PRIB	213 ± 4	18.0	53.5	0	97	33
Warren Seed	DS9314SSX	212 ± 4	18.4	53.8	0	89	34
Warren Seed	DS9311SSX	211 ± 4	17.9	53.0	0	100	39
Terral-REV Brand	25BHR44 (RR/LL/YGCB/HX1)	211 ± 4	18.7	55.0	0	113	39
DeKalb	DKC64-69 GENVT3P	211 ± 4	18.0	54.7	0	97	34
Mycogen	2C786 (RR/LL/HX1)	210 ± 4	18.6	53.5	0	97	35
Augusta	A5664 (GT/LL/CB/RW)	209 ± 5	17.9	53.9	0	97	36
LG SEEDS	LG2636VT3PRIB	209 ± 4	17.9	54.3	0	97	30
Beck's Hybrids	Phoenix 6948A3 (RR/LL/CB/RW)	209 ± 5	18.5	53.8	0	100	37
Delta Grow	2888 GTCBLL	209 ± 4	19.3	54.6	0	105	37
Caverdale Farms	CF 837 GTCBLL	208 ± 4	19.9	53.1	0	109	37
Dyna-Gro	D54VP81 (VT3P)	208 ± 5	17.8	56.1	1	95	31
Mycogen	2J794 (RR/LL/HX1)	207 ± 4	20.2	52.6	0	100	37
Augusta	A6866 (GT3000)	206 ± 4	18.3	53.3	0	104	36
Augusta	A6665 (VT3PRO)	205 ± 4	17.3	55.4	0	104	35

2012 STANDARD FULL SEASON ROUNDUP/STACKED CORN HYBRID TEST (>116 DAY)

Tennessee & West Kentucky
(10 Hybrids X 16 Locations)

Legend

157	Location yield
157	Top yield
157	Yield above avg



MS	BRAND/HYBRID	AvgYld	Moist	TWt	Call	Coff	Deca	Dyer	Faye	Fran	Fult	Gibs	Hend	Lake	Laud	Loud	Obio	Robe	Shel	Weak	
		bu/a	%	lb/bu	4/9 §	4/4	4/16	4/2	4/10	3/27	4/9	4/2	3/29	4/11	4/12	3/23	3/29	4/9	4/10	4/3	
A	Dekalb DKC 67-88 GENVT3P	133	18.1	57.4	226	22	172	192	125	84	144	116	183	214	207	83	131	104	102	19	14
A	AgriGold A6679 VT2RIB	129	18.1	57.9	206	17	168	175	106	87	145	105	177	229	196	69	147	86	122	23	11
A	**Augusta A6867 GTCBLLC	128	17.0	58.2	211	44	147	181	96	90	126	123	172	207	193	81	127	113	119	20	10
AB	Croplan 8410 VT3P	128	16.8	57.7	227	10	189	98 ^o	120	78	166	125	199	218	131	88	149	110	109	27	13
AB	Dyna-Gro 57VP51 VT3P	126	16.9	56.7	235	21	171	162	121	82	103	121	179	234	203	73	133	58	116	12	10
AB	AgriGold A6659 VT3Pro	124	17.0	57.0	232	17	153	164	89	87	100	120	183	238	205	76	135	75	97	15	8
AB	Mycogen 2R818 HX1/HXRW/RR/LL	124	16.7	57.1	199	40	165	181	106	79	116	105	170	207	203	74	134	81	101	21	9
BC	Armor 1655PRO2 RR/VT2PRO	117	17.5	57.8	210	29	175	169	101	81	118	112	173	188	144	87	139	37	86	19	8
C	Terral 28HR29	112	19.5	58.1	222	6	154	154	76	47	105	94	169	220	192	67	116	76	96	3	4
C	Terral 28HR20	112	18.5	58.3	235	6	136	174	88	67	128	99	195	220	159	66	104	25	85	3	5
	Average (bu/ a)	123	17.6	57.6	220	21	163	165	103	78	125	112	180	217	183	76	131	76	103	16	

**2013 STANDARD FULL SEASON
ROUNDUP/STACKED
CORN HYBRID TEST (>116 DAY)**

**Tennessee & West Kentucky
(12 Hybrids X 15 Locations)**



MS	BRAND/HYBRID	Avg Yld	Moist	TWt	Ca//	Cann	Coff	Dyer	Fay1	Fay2	Fran	Fult	Gibs	Gile	Hend	Hen1	Hen2	Robe	Shel	
		bu/a	%	lb/bu	5/16 §	4/14	4/15	4/18	5/1	4/16 i	5/15	5/2	4/18	4/10	4/15	5/15	5/20	4/23	5/15	
A	Augusta A7767 VT3Pro	201	18.8	57.4	245	195	177	209	179	199	193	211	199	150	218	246	212	205	185	11
A	Croplan 8621 VT3P	201	17.7	56.9	243	215	182	237	162	195	204	191	197	126	223	248	220	208	162	11
A	*AgriGold A6659 VT3PRO	200	17.5	58.2	232	201	182	228	165	191	207	209	201	159	192	235	215	204	182	11
A	Terral 27HR83	200	17.7	58.3	242	217	179	214	157	222	198	212	194	121	210	248	206	190	192	10
A	*Croplan 8410 VT3P	198	17.9	59.6	237	185	186	215	156	227	223	204	190	137	208	237	177	207	183	10
A	Terral 28HR20	197	18.1	59.1	237	213	175	203	140	198	207	198	201	134	223	237	214	192	187	8
AB	AgriGold A6687 VT2PRO	196	17.5	59.5	230	205	177	211	147	195	214	212	184	141	220	227	194	197	185	8
ABC	*Dyna-Gro D57VP51 VT3P	195	17.9	58.4	232	199	170	207	148	213	173	200	195	170	206	235	213	190	173	5
ABC	Dekalb DKC67-57 GENVT3P	194	17.8	59.4	232	209	187	216	172	213	179	198	182	152	186	219	202	193	173	6
ABC	Armor 1880PRO2 VT2PRO	194	17.4	59.6	246	186	155	214	158	199	194	212	188	135	214	239	199	198	167	7
BC	Augusta A6867 GTCBLLC	189	18.5	58.5	204	188	177	208	160	204	204	180	187	122	184	247	223	187	161	6
C	Dekalb DKC69-29 GENVT3P	188	18.5	58.7	229	195	172	204	146	165	192	200	189	128	177	222	221	194	182	2
	Average (bu/a)	196	17.9	58.6	234	201	177	214	158	202	199	202	192	140	205	237	208	197	178	

Table 15. Overall mean yields and agronomic characteristics of 17 full-season corn hybrids evaluated in six environments in Tennessee during 2013.

		Avg. Yield [†]	Moisture	Test		Plant	Ear
		± Std Err	at Harvest	Weight	Lodging	Height [‡]	Height [‡]
Brand	Hybrid §	(n=6)	(n=6)	(n=1)	(n=3)	(n=3)	(n=3)
		bu/a	%	lbs/bu	%	in.	in.
Terral-REV Brand	28HR20 (RR/LL/HX1)	219 ± 5	18.8	55.9	0	113	39
Agrigold	A6687VT2PRO	217 ± 5	18.6	55.9	0	101	37
Terral-REV Brand	27HR83 (RR/LL/HX1)	217 ± 5	17.9	55.1	0	113	42
Golden Acres	27V01 (VT3Pro)	215 ± 6	18.2	53.2	0	104	38
Terral-REV Brand	28R10 (RR)	214 ± 5	18.6	56.4	0	107	37
DeKalb	DKC69-29 GENVT3P	214 ± 5	18.6	55.2	0	92	35
Croplan	8621VT3P	213 ± 5	18.5	52.7	0	106	38
Dyna-Gro	D57VP51 (VT3P)	210 ± 5	18.3	54.8	0	100	38
Caverndale Farms	CF 907 GTCBLL	207 ± 5	19.8	55.5	0	103	36
DeKalb	DKC67-57 GENVT3P	204 ± 5	19.6	52.7	0	103	37
Croplan	8410VT3P	202 ± 5	18.7	55.2	0	95	33
Augusta	A7767 (VT3PRO)	201 ± 5	19.5	51.5	0	99	35

2012 STANDARD MG III ROUNDUP READY SOYBEAN VARIETY TEST

(7 Varieties X 10 Locations)



Legend

75.8 Location yield

75.8 Top yield

75.8 Yield above avg

MS	Brand/Variety	AvgYld	Moist	Coffee	Dyer	Frank	Fulton	Gibson	Henry	Lake	Mad	Obion	Weak	
		bu/a	%	plant 5/15	4/24	4/24	5/15	4/24	4/30	5/23	4/18	4/18	5/9	
A	*Terral REV-38R10	51.6	12.7	72.0	29.2	61.6	51.3	45.5	54.2	64.0	54.5	39.7	44.3	9
A	NK Brand S39-U2 RR2Y	51.5	13.1	71.8	28.4	60.4	53.4	38.4	54.3	65.8	59.2	41.1	42.0	7
AB	Warren/Dairyland 3980 R2Y	49.0	12.7	69.8	31.4	56.0	47.8	42.2	56.0	62.7	47.7	39.3	37.3	5
B	Asgrow AG3932 GENRR2Y	48.0	13.0	61.1	27.8	61.5	35.0	43.8	60.2	57.2	53.4	39.3	40.3	6
B	Dyna-Gro 32RY39 RR2Y/STS	47.9	13.0	73.4	27.1	50.7	35.8	44.2	52.7	60.4	53.4	40.9	40.7	5
B	Armor 39-R16 RR2/STS	47.5	13.0	75.9	27.0	55.2	38.0	43.6	56.9	56.9	51.1	31.3	39.1	3
B	Asgrow AG3731 GENRR2Y	47.4	12.0	63.0	28.5	57.1	47.4	40.9	58.5	60.8	46.3	36.5	35.0	3
	Average (bu/a)	49.0	12.8	69.6	28.5	57.5	44.1	42.7	56.1	61.1	52.2	38.3	39.8	

2013 STANDARD MG III ROUNDUP READY SOYBEAN VARIETY TEST

(4 Varieties X 8 Locations)



MS	Brand/Variety	AvgYld	Moist	Coffee	Dyer	Franklin	Henry	Lake	Madison	Obion	Weakley	
		bu/a	%	plant 5/2	5/28	5/21	6/26	5/16	5/30	5/28	6/28	
A	**Terral REV-38R10	67.0	14.3	73.6	59.9	84.4	62.9	54.2	83.4	63.7	54.1	5
A	Asgrow AG3833 GENRR2Y	66.7	14.4	76.2	61.0	74.5	68.7	55.0	95.1	59.7	43.4	5
A	Warren Seed DS 4010	66.0	14.3	71.1	65.5	66.1	58.8	54.0	90.7	68.3	53.3	5
A	Armor 39-R16 RR2/STS	63.4	14.4	82.3	62.9	71.2	60.6	44.4	78.7	61.5	46.1	2
	Average (bu/a)	65.8	14.3	75.8	62.3	74.1	62.7	51.9	87.0	63.3	49.2	

Table 10. Yields † and disease ratings § of four Maturity Group III Roundup Ready soybean varieties evaluated in 8 Tennessee and Kentucky County Standard Tests during 2013.

		CST	----- Research and Education Center at Milan -----						
		Avg. Yield			Treated †	Untreated	SCN		
MS	Brand/Variety	(n=8)	Frogeye	Sudden Death	Yield	Yield	Race 2	Race 3	Race 5
		bu/a			bu/a	bu/a			
A	**Terral REV-38R10	67.0	LOW	LOW-MOD	39.9	36.7	MS	S	S
A	Asgrow AG3833 GENRR2Y	66.7	MOD	LOW	37.3	36.9	-	-	-
A	Warren Seed DS 4010	66.0	LOW	LOW	39.3	33.3	S	MR	S
A	Armor 39-R16 RR2/STS	63.4	LOW	LOW	45.2	39.1	S	MS	S
Average (bu/a)		65.8			40.4	36.5			

YLD= Avg. Yield @ 13% moisture.

MS= Varieties that have any MS letter in common are not statistically different in yield at the 5% level of probability.

Variety marked with an asterisk (**) was in the top performing group in 2013, 2012 and 2011.

County locations include: Coffee, Dyer, Franklin, Henry, Lake, Madison, Obion and Weakley.

† Treated plots at RECM sprayed with Quadris TOP @ 8 oz./Acre + 1% Induce @ R3 growth stage. RECM varieties planted May 28

§ Disease ratings (of unsprayed plots) for Frogeye and Sudden Death are LOW (0-10% disease), MOD (11-40% disease), HIGH (41-100%)

Disease ratings & yield data compiled by Dr. Heather Kelly from replicated plots at the Research and Education Center at Milan (RECM, which has severe disease pressure)

SCN Greenhouse Ratings compiled by Dr. Pat Donald, Research Plant Path., USDA-ARS, WTREC. Race 2 (HG Type 1.2.5.7), Race 3 (HG Type 7) and

Race 5 (HG Type 2.5.7), HS = Highly Susceptible, S = Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant, R = Resistant.

Table 3. Mean yields † and agronomic characteristics of eight Maturity Group III Roundup Ready soybean varieties evaluated in four environments in Tennessee during 2013.

Brand	Variety ‡	Avg. Yield	Moisture § (n=4)	Lodging (n=4)	Height (n=4)	Maturity (n=4)	Shattering (n=3)	Seed
		± Std Err. (n=4)						Quality (n=1)
		bu/a	%	Score	in.	DAP	----- Score -----	
Armor	39-R16 (RR)	74 ± 1	13.9	1.2	36	128	1.0	1.7
Terral-REV Brand	38R10 (RR)	68 ± 1	14.0	1.4	35	125	1.2	1.7
Steyer	4203 R2 (RR2Y) (4E CHECK)	67 ± 1	13.9	1.5	34	129	1.0	2.2
Warren Seed	DSR-4330/R2Y (4E CHECK)	67 ± 1	13.9	1.8	33	129	1.0	1.5
Dyna-Gro	S38RY84 (RR2Y)	66 ± 1	13.8	1.3	33	124	1.0	1.3
Warren Seed	DS4010 (RR)	66 ± 1	13.9	2.9	35	126	1.0	1.7
AgBorn Genetics LLC	ABx2193 (RR)	57 ± 2	13.8	1.8	36	127	1.0	1.8
AgBorn Genetics LLC	ABx7648 (RR)	56 ± 1	14.8	1.9	35	124	1.2	1.7
Average		65	14.0	1.7	35	127	1.1	1.7

† All yields are adjusted to 13% moisture.

‡ If a trait appears inside parentheses i.e. (RR), then it is not part of the variety name.

§ Average moisture at harvest.

Lodging = 1 to 5 scale; where 1 = 95% of plants erect; 2.5 = ~50% of plants leaning at angle ≥ 45°; 5 = 95+% of plants leaning at an angle ≥ 45°.

Maturity = days after planting (DAP).

Shattering = 1 to 5 scale; where 1 = no shattering; 5 = 90+% of pods shattered.

Seed Quality = 1 to 5 scale; where 1 = < 5% of seeds show ing disease or split seed coats; 5=95+% of seed are diseased or have split seed coats.

2012 STANDARD MG IV EARLY SEASON (4.0 - 4.5 MATURITY)

RR SOYBEAN VARIETY TEST

(18 Varieties X 14 Locations)



Legend

75.8	Location yield
75.8	Top yield
75.8	Yield above avg

Yields of 18 Maturity Group IV Early Roundup Ready soybean varieties in 14 County Standard Test in TN and KY during 2012.

MS	Brand/Variety	Avg Yld	Moist	Coff	Dyer	Fran	Fult	Gibs	Henr	Hick	Hump	Lake	Laud	McCr	Obio	Robe	Weak	
		bu/a	%	plant 5/15	5/2	4/24	5/15	4/24	5/1	5/25	5/25	5/24	5/15	6/16	4/18	5/10	5/11	
A	Asgrow AG4232 GENRR2Y/STS	59.6	12.2	76.3	48.1	74.1	51.0	51.0	69.5	70.2	52.9	51.6	71.0	42.2	66.8	77.1	33.4	10
AB	Armor 44-R08 RR2Y	58.8	12.7	76.2	44.0	71.1	53.6	49.7	76.9	67.4	56.4	50.8	66.7	40.1	62.1	80.4	27.2	12
ABC	Steyer 4203 R2	57.3	12.7	73.3	40.0	64.6	57.2	52.8	76.5	71.7	53.9	52.5	59.9	42.1	59.3	66.5	32.4	11
ABC	*Armor 46-R64 RR2Y	57.3	12.2	75.6	49.2	67.9	55.8	56.0	75.4	65.5	64.7	54.7	55.0	37.9	53.9	64.1	25.9	9
ABC	*Progeny P4510 RY/STS	57.0	12.8	67.8	44.8	71.4	36.4	57.0	75.4	68.8	58.8	52.4	68.2	37.9	54.0	74.6	30.5	11
ABC	*Armor 46-R42 RR2Y	56.8	12.5	68.6	45.0	71.8	40.3	52.6	76.6	64.3	64.5	52.8	60.3	39.9	58.3	72.9	27.9	11
ABC	Mycogen 5N451 RR2Y	56.4	12.7	77.5	44.3	70.4	46.7	53.7	74.2	71.1	42.8	48.5	62.4	40.1	58.0	73.1	27.5	12
ABC	Croplan 4391 GENRR2Y	56.3	12.2	72.9	44.8	63.8	56.4	53.9	76.8	66.8	61.3	53.3	51.0	37.8	59.8	62.6	26.8	10
BCD	Dyna-Gro 39RY43 RR2Y	55.6	12.5	74.1	42.0	70.2	49.7	51.3	75.6	67.7	56.7	35.6	56.6	33.6	66.7	69.2	28.7	8
BCD	NK Brand S41-J6 RR2Y	55.4	12.4	67.3	51.8	68.6	60.3	51.7	66.6	67.0	58.5	47.5	58.4	39.7	58.6	56.2	23.6	10
CD	Dyna-Gro 31RY45 RR2Y	54.9	12.1	77.9	38.7	67.0	56.6	55.1	73.7	67.5	45.0	46.4	48.6	35.8	59.8	68.7	28.3	8
CD	Terral REV-44R22	54.4	11.8	67.2	42.8	71.4	56.6	52.3	69.4	60.5	53.4	47.5	54.9	35.3	54.0	69.2	27.4	5
CD	Croplan 4541 GENRR2Y	54.3	12.5	72.3	45.9	61.2	43.8	52.6	78.1	64.4	61.2	41.9	68.1	35.9	51.3	55.6	27.5	7
CD	LG Seeds C4411 R2	54.1	12.7	69.2	43.3	64.9	57.6	47.2	77.8	65.9	43.3	49.7	56.7	37.6	52.5	61.4	30.5	5
DE	Warren/Dairyland 4300 RR	52.4	12.1	73.6	43.1	58.3	49.9	53.7	72.9	67.2	50.5	30.6	54.5	37.9	50.3	64.7	26.0	4
DE	Warren/Dairyland 4343 R2Y	52.2	12.1	67.8	37.8	61.5	53.6	45.5	68.7	59.5	53.6	51.9	52.3	38.0	53.1	62.4	25.4	3
DE	Ag Venture 43A2 RR/STS	52.1	12.3	73.8	39.4	72.1	51.7	47.4	72.7	66.6	48.2	36.4	54.5	31.7	53.4	59.4	22.3	4
E	NK Brand S44-K7 RR/STS	50.4	12.2	65.8	42.1	65.9	47.7	47.7	68.6	55.1	51.9	47.8	42.7	37.9	49.8	59.0	23.1	2
	Average (bu/a)	55.3	12.4	72.1	43.7	67.6	51.4	51.7	73.6	65.9	54.3	47.3	57.9	37.8	56.8	66.5	27.5	

2013 STANDARD MG IV EARLY SEASON (4.0 - 4.5 MATURITY)

RR SOYBEAN VARIETY TEST

(14 Varieties X 12 Locations)



MS	Brand/Variety	AvgYld	Moist	Cann	Coff	Dyer	Fran	Henr	Hick	Lake	Lawr	Madi	Obio	Tipt	Weak	
		bu/a	%	plant5/30	5/2	5/28	5/21	6/24	6/14	5/14	6/28	5/30	5/28	6/21	7/8	
A	*Mycogen 5N451 RR2Y	70.6	13.4	70.8	76.8	64.7	80.7	77.6	74.5	73.6	65.5	79.2	61.6	69.1	53.4	8
AB	Dyna-Gro 39RY43 RR2Y	70.2	13.0	75.1	81.9	65.3	74.5	72.2	74.2	72.1	64.1	84.1	63.3	69.7	46.5	9
AB	Warren Seed DS 4340 R2Y	70.2	12.9	73.8	80.6	67.0	74.7	72.1	71.8	74.5	57.0	90.0	67.4	67.7	46.3	9
AB	Dyna-Gro 31RY45 RR2Y	70.1	13.2	64.9	82.5	64.7	75.1	75.0	71.8	59.4	63.1	95.5	71.6	66.6	51.3	9
AB	Asgrow AG4433 GENRR2Y	70.1	13.5	80.7	72.7	59.3	80.4	76.2	73.3	69.5	67.3	84.6	61.8	65.7	49.7	9
AB	*Asgrow AG4232 GENRR2Y/STS	69.6	13.4	74.7	75.0	66.9	77.3	70.1	68.6	68.3	63.4	79.2	74.7	66.8	50.3	9
AB	*Armor 44-R08 RR2Y	69.5	13.1	72.4	82.4	66.6	76.9	62.3	71.5	74.5	64.7	82.2	66.6	67.3	46.4	10
AB	*Croplan 4391 GENRR2Y	69.2	13.1	79.2	78.6	65.9	81.8	65.8	73.1	68.7	63.5	81.1	66.0	64.4	42.2	8
ABC	Ag South GeneticsAGS45R212	67.3	13.3	70.4	76.5	64.5	86.4	67.8	72.6	53.7	63.1	73.3	69.5	63.5	46.3	5
BC	Progeny P4510 RY/STS	66.9	13.1	74.4	81.2	58.0	60.6	73.7	68.9	59.5	64.8	77.0	63.7	64.6	56.0	5
C	USG 74D32 RR2Y	65.3	13.2	71.4	77.1	61.1	67.5	67.5	59.3	61.4	58.5	87.5	59.5	64.5	47.7	2
C	Armor 45-R60 RR2/STS	64.8	13.5	63.3	73.7	62.6	88.5	59.4	66.1	56.2	59.9	79.3	59.6	61.2	48.4	2
C	USG 74F12 RR2Y	64.6	13.1	69.4	79.2	66.6	67.9	59.7	63.3	63.7	56.2	85.6	57.9	65.1	40.3	3
C	Schillinger 458.RCS	63.6	13.3	71.2	77.5	60.4	68.3	64.0	67.2	60.8	55.2	71.1	63.9	62.9	41.2	
	Average (bu/a)	68.0	13.2	72.3	78.3	63.8	75.8	68.8	69.7	65.4	61.9	82.1	64.8	65.6	47.6	

Table 20. Yields † and disease ratings § of 14 early Maturity Group IV (4.0 - 4.5) Roundup Ready soybean varieties evaluated in 12 Tennessee and Kentucky County Standard Tests during 2013.

MS	Brand/Variety	CST	Research and Education Center at Milan (RECM) and Jackson (WTREC)									
		Avg. Yield	Frogeye	RECM Yield		WTREC Yield		SCN				
		(n=12)	RECM/WTREC	Sudden Death	Treated ¶	Untreated	Treated ¶	Untreated	Race 2	Race 3	Race 5	
		bu/a						bu/a	bu/a			
A	Mycogen 5N451 RR2Y*	70.6	LOW/LOW	LOW-MOD	45.3	41.7	52.0	50.8	S	MS	S	
AB	Dyna-Gro 39RY43 RR2Y	70.2	MOD/LOW	LOW	35.6	33.5	52.3	40.9	MS	S	S	
AB	Warren Seed DS 4340 R2Y	70.2	MOD/LOW	LOW	34.7	33.8	48.2	39.1	S	MS	S	
AB	Dyna-Gro 31RY45 RR2Y	70.1	LOW/LOW	LOW-MOD	43.2	41.3	57.0	54.0	MS	MS	S	
AB	Asgrow AG4433 GENRR2Y	70.1	MOD/MOD	LOW	39.3	31.2	50.6	47.6	S	S	S	
AB	Asgrow AG4232 GENRR2Y/STS*	69.6	MOD/MOD	LOW-HIGH	45.1	44.7	59.8	51.7	S	MS	S	
AB	Armor 44-R08 RR2Y*	69.5	MOD/LOW	LOW-HIGH	40.2	34.1	53.3	48.6	S	MS	S	
AB	Croplan 4391 GENRR2Y*	69.2	MOD/LOW	LOW	37.2	33.8	53.8	49.1	S	S	MS	
ABC	Ag South Genetics AGS45R212	67.3	LOW/LOW	LOW	42.4	43.9	49.7	39.8	S	S	S	
BC	Progeny P4510 RY/STS	66.9	MOD/MOD	LOW	41.3	38.4	58.9	51.8	S	MS	MS	
C	USG 74D32 RR2Y	65.3	LOW/LOW	LOW	36.6	33.3	47.3	44.9	S	S	MR	
C	Armor 45-R60 RR2/STS	64.8	LOW/LOW	LOW-HIGH	44.0	42.4	50.7	50.0	S	MS	S	
C	USG 74F12 RR2Y	64.6	LOW/LOW	LOW	36.3	37.4	44.2	47.7	S	MS	S	
C	Schillinger 458.RCS	63.6	MOD/LOW	LOW	46.0	40.5	47.0	45.1	MS	MS	S	
Average (bu/a)		68.0			40.5	37.9	51.8	47.2				

Table 12. Mean yields † and agronomic characteristics of 34 Early Maturity Group IV (4.0 - 4.5) Roundup Ready soybean varieties evaluated in five environments in Tennessee during 2013.

Brand	Variety ‡	Avg. Yield	Moisture § (n=5)	Lodging (n=5)	Height (n=5)	Maturity (n=5)	Shattering (n=3)	Seed Quality (n=1)
		± Std Err. (n=5)						
		bu/a	%	Score	in.	DAP	----- Score -----	
AGSouth Genetics	AGS 43R212 (RR2Y)	64 ± 2	13.9	1.7	38	132	1.0	3.8
Progeny	4211 RY (RR2Y)	63 ± 2	14.4	1.9	35	128	1.0	1.8
Asgrow	AG4534 (RR2Y/STS)	62 ± 2	13.7	2.0	39	131	1.0	3.2
USG	74F53R (RR2Y/STS)	61 ± 2	15.5	2.1	38	128	1.0	2.3
Dyna-Gro	39RY43 (RR2Y)	61 ± 2	14.3	1.8	35	129	1.0	1.8
Mycogen	5N431R2	60 ± 2	14.7	1.9	36	129	1.0	2.5
Warren Seed	DSR-4633/R2Y	60 ± 2	13.9	1.5	38	128	1.0	1.8
LG Seeds	C4544R2	60 ± 2	14.7	1.9	39	129	1.0	2.2
Dyna-Gro	31RY45 (RR2Y)	60 ± 2	14.2	1.6	37	127	1.0	2.2
Schillinger Seed	458 RCS	60 ± 2	14.4	1.8	39	132	1.0	2.7
Mycogen	5N451R2	60 ± 2	14.6	1.8	36	127	1.0	1.5
Armor	44-R08 (RR2Y)	60 ± 2	14.6	1.9	35	128	1.0	2.2
Progeny	4510 RY (RR2Y/STS)	60 ± 2	14.3	1.7	36	128	1.0	2.5
Steyer	4501 R2 (RR2Y)	59 ± 2	14.3	1.7	35	128	1.0	1.8
Warren Seed	DS4330 R2Y	59 ± 2	14.7	2.0	34	131	1.0	1.7
AgBorn Genetics LLC	ABx71141	59 ± 2	14.8	1.9	40	131	1.0	2.8
Morsoy Xtra	R2 44X82	59 ± 2	14.3	1.4	35	131	1.0	1.8
Croplan	RT 47995 (RR)	58 ± 2	14.4	1.7	35	127	1.0	1.5
Steyer	4203 R2 (RR2Y)	58 ± 2	14.5	1.7	34	129	1.0	1.8
NK	S 41-J6 (RR2Y)	58 ± 2	14.1	1.9	36	128	1.0	2.5
USG	74A33R (RR2Y)	58 ± 2	14.6	2.0	33	131	1.0	2.0
AGSouth Genetics	AGS 45R212 (RR2Y)	58 ± 2	14.1	2.0	40	132	1.0	2.2
Asgrow	AG4433 GENRR2Y	58 ± 2	14.8	1.6	38	131	1.0	2.2
Asgrow	AG4232 GENRR2Y (STS)	57 ± 2	14.7	2.0	37	127	1.0	2.5
Armor	X1401 (RR2)	57 ± 2	14.0	1.4	34	130	1.0	2.5
Beck's Hybrids	418NR (RR)	57 ± 2	14.0	1.6	36	126	1.0	2.5
Dyna-Gro	S44RS93 (RR2Y/STS)	56 ± 2	14.0	1.4	31	126	1.0	1.5
Armor	45-R60 (RR2Y/STS)	56 ± 2	14.3	1.4	33	125	1.0	1.7
AgBorn Genetics LLC	ABx0448 (RR)	56 ± 2	14.4	2.4	39	130	1.0	2.0
Steyer	4401R2	56 ± 2	14.3	1.4	32	125	1.1	2.0
Mycogen	5N423R2	56 ± 2	14.4	1.4	36	126	1.0	2.2
Beck's Hybrids	444NR (RR)	56 ± 2	14.4	1.8	36	128	1.0	2.7
Progeny	4313 RY	55 ± 2	15.0	2.0	33	131	1.0	2.5

2012 STANDARD GROUP IV LATE SEASON (4.6 - 4.9 MATURITY)

RR SOYBEAN VARIETY TEST

(29 Varieties X 17 Locations)

Legend

75.8	Location yield
75.8	Top yield
75.8	Yield above avg



Yields of 29 Maturity Group IV Late (4.6 - 4.9) Roundup Ready soybean varieties in 17 County Standard Test in TN and KY during 2012.

MS	Brand/Variety	AvgYld	Moist	Coff	Deca	Dyer	Faye	Fran	Fult	Gibs	Henr	Lake	Laud	Madi	Mari	McCr	Mont	Obio	Robe	Weak	
		bu/a	%	plant5/15	5/30	5/3	6/14	5/16	5/15	4/24	6/15	5/24	5/15	4/25	4/23	6/6	6/11	4/18	6/20	6/6	
A	Armor 47-R17 RR2Y	53.3	12.1	74.0	77.0	55.2	46.4	75.8	34.7	58.2	48.9	45.1	25.4	48.0	71.2	41.8	53.4	55.3	53.9	41.5	11
AB	Warren/Dairyland 4850 R2Y/STS	52.1	12.3	64.6	70.0	51.4	57.2	66.3	34.6	59.5	56.2	41.1	34.2	39.2	67.5	42.2	50.5	45.6	56.5	49.5	13
ABC	*Armor 48-R91 RR2Y/STS	51.6	12.1	70.4	73.3	51.9	56.2	67.4	38.3	63.1	54.3	30.5	27.8	54.3	63.4	38.0	39.1	58.2	46.8	44.4	14
ABC	Progeny P4710 RY/STS	51.5	11.8	58.2	59.7	49.2	55.8	67.3	40.4	62.9	51.1	42.4	33.2	63.3	72.6	38.7	34.1	46.0	53.8	46.7	12
ABCD	Hornbeck HBK R4924	50.9	12.2	64.5	57.9	54.5	51.0	62.8	45.4	62.8	47.8	40.9	32.6	58.5	64.3	36.6	41.7	49.6	48.7	45.7	9
ABCDE	**Schillinger 4990RC	50.6	12.3	67.2	64.7	55.4	39.5	65.0	41.6	64.1	48.0	46.9	25.3	58.0	66.5	41.0	31.8	58.5	43.1	43.7	9
ABCDEF	Croplan 4801S GENRR2Y/STS	50.4	12.2	66.5	71.4	53.7	49.3	70.6	29.5	55.1	51.7	36.3	26.7	48.9	73.4	38.2	40.6	50.8	51.5	43.5	10
ABCDEFG	Dyna-Gro 33RY47 RR2Y/STS	50.3	12.1	71.0	72.2	50.7	45.8	65.9	36.2	52.3	49.6	41.6	27.0	52.4	73.4	32.2	43.9	52.3	47.7	41.3	10
BCDEFG	NK Brand S49-F8 RR	50.1	12.2	66.2	62.3	49.2	45.7	64.9	39.6	60.2	52.4	38.8	27.5	60.5	73.1	37.0	29.6	48.6	49.6	46.0	10
BCDEFG	Mycogen 5N478 RR2Y	50.0	12.1	72.1	78.1	53.4	46.1	65.4	32.5	53.5	52.8	37.8	28.5	50.4	62.4	33.3	38.9	52.1	49.2	42.9	9
BCDEFGH	Warren/Dairyland 4633 R2Y	49.8	11.8	76.6	69.0	52.2	43.0	65.2	31.8	52.5	53.7	40.5	21.7	47.6	67.3	39.5	40.7	52.1	48.9	44.5	12
BCDEFGH	Asgrow AG4832 GENRR2Y/STS	49.7	12.5	65.9	67.6	48.7	46.9	63.9	40.0	54.7	49.0	38.4	20.0	51.5	67.5	40.6	43.8	47.1	52.4	46.2	11
BCDEFGH	Terral REV-48R33	49.6	11.7	71.2	67.7	49.7	48.8	59.9	37.6	58.3	48.7	39.9	31.4	52.1	65.2	32.8	38.5	53.5	47.2	41.7	11
BCDEFGH	Steyer 4701 R2	49.5	12.0	70.0	76.5	54.3	44.5	69.8	26.2	52.7	47.2	32.4	21.8	41.2	69.3	40.5	43.3	53.8	52.8	44.7	10
BCDEFGH	MorSoy RT46X29 RR2Y/STS	49.2	12.0	65.9	60.0	46.7	44.8	62.8	43.9	61.0	54.1	44.3	31.7	43.8	55.0	41.4	38.0	48.7	46.3	48.7	7
CDEFGH	Terral REV-49R22	49.1	11.8	61.6	69.9	48.7	48.0	62.1	35.8	57.8	50.3	39.5	27.5	51.3	57.5	40.3	37.3	56.0	46.5	44.9	10
CDEFGH	Asgrow AG4632 GENRR2Y/STS	49.1	11.9	67.3	67.0	50.2	57.1	69.6	27.8	56.5	50.5	40.1	23.1	47.8	68.0	33.6	38.5	41.4	49.4	46.3	7
CDEFGH	Ag Venture 47K7	48.9	11.8	67.6	65.2	49.9	39.4	64.9	39.9	57.3	54.0	33.0	25.2	57.0	62.7	37.3	36.2	45.7	52.9	42.5	6
CDEFGH	Hornbeck HBK RY4721	48.7	12.1	68.7	66.0	54.4	47.9	61.3	36.6	58.5	52.4	31.7	28.6	47.8	62.3	37.8	42.8	44.6	45.3	41.2	9
DEFGH	USG 74B81 R2Y	48.5	12.2	70.4	62.8	50.4	55.4	61.6	27.1	57.8	49.9	37.6	23.6	50.6	63.2	35.3	32.4	54.6	47.9	43.9	5
DEFGH	NK Brand S46-A1 RR2Y	48.4	11.9	66.5	72.8	46.3	46.0	62.3	38.1	56.1	49.8	29.1	25.4	49.3	55.4	42.5	41.7	58.1	40.0	43.3	5
DEFGH	LG Seeds C4625 R2	48.2	11.9	68.0	67.7	45.7	46.6	60.3	31.4	54.2	49.7	39.1	25.1	48.3	60.5	38.5	29.1	53.5	55.2	47.3	8
DEFGH	USG 74A79 R2Y/STS	48.2	12.5	65.9	67.5	48.1	42.1	61.4	42.7	50.6	49.2	39.0	31.0	50.5	64.4	40.7	31.8	52.2	44.0	38.7	6
EFGH	LG Seeds C4885 R2	47.6	12.7	71.5	66.4	53.8	40.1	56.6	35.1	50.7	50.0	35.6	28.1	43.0	65.9	33.9	35.1	42.7	57.3	43.9	5
FGH	Warren/Dairyland 4810 RR	47.6	12.0	59.3	68.1	50.3	48.3	55.3	34.7	56.5	47.6	39.4	26.8	43.9	64.5	36.4	39.5	48.6	47.6	42.4	4
FGH	Schillinger 478.RCS	47.6	11.9	70.0	71.6	47.2	43.0	63.0	35.9	55.2	49.8	33.5	26.1	41.9	64.0	34.4	31.9	51.4	46.7	43.3	4
GH	Croplan 4799S GENRR2Y/STS	47.3	11.9	68.7	54.3	47.4	32.2	58.4	41.6	56.1	55.0	31.4	25.3	57.0	56.1	40.3	39.5	44.7	52.1	45.0	8
H	Ag Venture 48K8	47.0	12.3	67.1	68.6	48.7	43.9	59.4	22.5	54.1	50.7	38.4	27.6	53.3	62.4	30.6	35.2	50.8	45.2	40.0	5
H	MorSoy RT46X71 RR2Y	46.8	11.9	67.6	57.9	49.0	41.4	57.0	27.8	54.8	48.9	39.1	32.9	59.9	60.6	34.8	34.5	47.9	36.1	45.6	4
	Average (bu/a)	49.4	12.1	67.7	67.3	50.6	46.6	63.7	35.5	56.8	50.8	38.0	27.3	50.7	64.8	37.6	38.4	50.5	48.8	44.1	

2013 STANDARD GROUP IV LATE SEASON (4.6 - 4.9 MATURITY)

RR SOYBEAN VARIETY TEST

(24 Varieties X 16 Locations)



MS	Brand/Variety	AvgYld	Moist	Ball	Call	Coff	Deca	Dyer	Fay1	Fay2	Fran	Giles	Hard	Henr	Lake	Madi	Mari	Mont	Obio	
		bu/a	%	plant6/22	6/26	5/2	6/15	5/28	6/13	6/12	5/28	6/28	6/15	6/24	5/14	5/14	5/15	6/26	5/28	
A	Morsoy Xtra R2 47X12 RR2Y/STS	61.3	13.0	55.1	56.3	70.3	79.6	62.4	45.0	44.3	69.6	48.4	72.1	66.4	59.5	72.2	60.5	56.3	62.4	10
A	Armor 47-R13 RR2Y/STS	60.4	13.6	58.9	53.9	70.5	82.3	62.8	31.5	52.6	71.2	40.6	58.7	65.0	60.0	74.6	73.1	48.4	62.1	9
AB	Asgrow AG4632 GENRR2Y/STS	60.1	12.9	50.9	50.1	84.3	72.9	58.9	39.9	55.5	66.8	42.3	57.0	60.4	62.2	74.0	74.8	49.4	62.4	9
AB	Asgrow AG4933 GENRR2Y	60.0	13.0	51.8	51.9	75.7	83.5	63.2	36.8	44.4	68.2	53.1	50.5	51.3	61.3	70.6	76.2	53.7	67.6	11
ABC	***Schillinger 4990RC	59.7	12.9	42.0	48.4	78.6	68.3	64.5	45.0	58.0	67.5	39.2	67.9	51.3	57.9	72.9	68.6	54.4	70.0	11
ABC	Dyna-Gro S48RS53 (RR2Y/STS)	59.6	13.1	39.2	58.9	60.0	81.8	66.1	39.2	46.6	69.9	44.5	71.4	52.5	58.2	72.3	72.8	50.1	69.9	12
ABC	Croplan R2C 4752S GENRR2Y/STS	59.5	13.1	47.7	50.4	68.1	78.5	63.6	45.1	45.5	65.6	53.3	64.3	41.0	63.5	77.4	76.7	46.4	65.0	10
ABCD	**Armor 48-R91 RR2Y/STS	59.0	12.9	48.3	47.4	75.3	74.3	67.6	38.7	51.6	70.5	43.4	54.2	51.7	57.5	76.0	72.4	45.7	69.1	12
ABCD	*Croplan R2C 4801S GENRR2Y/STS	58.9	13.1	47.4	45.6	76.6	76.2	67.2	41.6	45.1	69.2	55.2	48.5	50.3	56.1	76.5	66.9	50.2	69.8	11
ABCD	Progeny P4850 RY/STS	58.9	13.0	42.6	48.2	53.6	78.1	64.2	35.8	46.9	60.9	48.1	74.5	51.1	61.6	80.7	74.6	56.0	65.2	11
ABCD	Warren Seed DS 4633 R2Y	58.8	12.9	38.1	47.2	84.5	67.0	65.1	40.9	56.7	73.2	40.4	67.9	51.0	66.2	71.2	59.4	52.4	60.1	10
ABCD	Armor 48-R66 RR2Y/STS	58.8	13.4	49.8	43.3	64.9	67.1	65.4	28.2	44.2	72.0	40.2	72.8	54.0	56.0	77.3	73.2	59.6	72.6	9
ABCD	Mycogen 5N478 RR2Y/STS	58.4	13.0	37.5	53.8	77.5	69.2	69.7	35.0	42.3	73.4	48.9	60.0	50.9	60.3	70.9	69.8	50.7	65.0	10
ABCD	Morsoy Xtra R2 48X02 RR2Y	58.1	13.0	37.3	47.7	74.7	74.6	65.7	30.1	49.3	66.2	46.6	59.8	31.7	66.0	82.6	73.2	54.0	69.7	12
ABCDE	Terral REV-47R53	58.0	12.6	49.6	53.2	72.5	74.1	65.3	41.5	40.4	60.5	33.3	62.6	61.4	58.1	74.5	64.9	51.4	64.4	10
ABCDE	Ag South Genetics AGS47R212	57.5	12.9	43.6	44.5	77.5	68.7	69.0	37.1	41.2	66.1	47.0	64.1	48.5	58.0	78.6	69.2	45.2	61.9	7
ABCDE	Hornbeck HBK RY4620 RR2Y/STS	57.0	12.8	51.7	53.2	80.4	61.0	61.4	27.9	32.7	73.8	40.9	68.6	58.5	53.9	66.0	72.1	50.4	59.7	8
BCDEF	Progeny P4710 RY/STS	56.0	12.8	57.0	35.7	61.8	73.6	60.7	37.2	40.8	61.3	44.2	59.5	57.6	57.5	72.7	68.0	52.2	56.4	7
BCDEF	Warren Seed DS 4850 R2Y/STS	55.9	13.0	39.1	46.2	57.8	82.3	64.7	38.9	49.8	67.1	33.1	66.7	44.0	56.9	76.9	57.5	49.5	64.7	6
CDEF	USG 74A69R RR2Y	55.6	13.0	55.7	50.7	80.5	55.9	58.8	37.3	33.4	63.8	42.7	62.2	58.1	63.0	69.4	43.8	52.5	62.7	8
DEFG	Hornbeck HBK RY4721 RR2Y	55.0	13.0	35.4	30.6	75.0	73.4	65.1	36.7	46.5	62.4	47.9	42.5	44.3	62.3	75.3	65.7	47.6	68.7	8
EFG	Schillinger 4712R2	53.7	12.8	43.7	34.4	77.6	58.9	65.2	43.5	42.9	69.6	37.7	53.8	37.8	55.2	71.9	59.3	41.9	65.4	5
FG	USG 74H92R RR2Y	51.9	13.2	33.3	35.1	65.2	62.4	62.7	27.8	45.6	63.6	39.8	50.9	33.2	54.7	71.9	74.0	46.5	63.9	1
G	Dyna-Gro S47RY13 RR2Y	50.8	13.1	40.4	34.3	73.7	58.1	64.5	28.9	42.3	68.2	35.3	52.5	20.4	53.3	77.4	65.7	38.7	59.2	4
	Average (bu/a)	57.6	13.0	45.7	46.7	72.3	71.7	64.3	37.1	45.8	67.5	43.6	61.0	49.7	59.1	74.3	68.0	50.1	64.9	

Table 30. Yields † and disease ratings § of 24 late Maturity Group IV (4.6 - 4.9) Roundup Ready soybean varieties evaluated in 16 Tennessee and Kentucky County Standard Tests during 2013.

		CST	Research and Education Center at Milan (RECM) and Jackson (WTREC)									
		Avg.	Frogeye		RECM Yield		WTREC Yield		SCN			
MS	Brand/Variety	Yield (n=16)	RECM/WTREC	Sudden Death	Treated †	Untreated	Treated †	Untreated	Race 2	Race 3	Race 5	
		bu/a										
A	Morsoy Xtra R2 47X12 RR2Y/STS	61.3	LOW/LOW	LOW-MOD	41.5	38.2	55.6	54.6	MS	MS	S	
A	Armor 47-R13 RR2Y/STS	60.4	LOW/LOW	LOW-HIGH	39.4	38.0	54.4	54.0	MS	S	MS	
AB	Asgrow AG4632 GENRR2Y/STS	60.1	LOW/LOW	LOW-HIGH	44.4	42.0	53.2	50.8	MS	MS	S	
AB	Asgrow AG4933 GENRR2Y	60.0	LOW/LOW	LOW	44.6	42.8	39.4	42.0	MS	S	S	
ABC	***Schillinger 4990RC	59.7	LOW/LOW	LOW	48.7	44.1	43.0	43.4	S	MS	S	
ABC	Dyna-Gro S48RS53 (RR2Y/STS)	59.6	LOW/LOW	LOW-MOD	42.3	35.5	53.1	36.0	-	-	-	
ABC	Croplan R2C 4752S GENRR2Y/STS	59.5	MOD/LOW	LOW-MOD	40.2	38.5	56.6	45.4	MS	MS	S	
ABCD	**Armor 48-R91 RR2Y/STS	59.0	LOW/LOW	LOW-MOD	42.8	44.3	53.5	48.9	MS	MS	S	
ABCD	*Croplan R2C 4801S GENRR2Y/STS	58.9	LOW/LOW	LOW-MOD	42.0	41.4	50.3	51.1	MS	MS	S	
ABCD	Progeny P4850 RY/STS	58.9	LOW/LOW	LOW-MOD	39.7	34.1	56.3	52.6	MS	MS	MS	
ABCD	Warren Seed DS 4633 R2Y	58.8	LOW/LOW	LOW	43.5	42.2	38.4	38.8	MS	MR	S	
ABCD	Armor 48-R66 RR2Y/STS	58.8	MOD/LOW	LOW	41.7	38.5	54.3	54.8	MS	MS	S	
ABCD	Mycogen 5N478 RR2Y/STS	58.4	LOW/LOW	LOW-HIGH	40.9	37.4	52.6	32.4	S	MS	S	
ABCD	Morsoy Xtra R2 48X02 RR2Y	58.1	MOD/LOW	LOW	43.8	39.0	48.9	47.1	-	-	-	
ABCDE	Terral REV-47R53	58.0	LOW/LOW	LOW-HIGH	40.2	38.2	52.3	47.5	MS	MS	S	
ABCDE	Ag South Genetics AGS47R212	57.5	LOW/LOW	LOW	43.3	42.5	47.9	43.0	MS	MS	S	
ABCDE	Hornbeck HBK RY4620 RR2Y/STS	57.0	MOD/MOD	LOW-MOD	36.6	36.6	44.6	46.5	MS	S	S	
BCDEF	Progeny P4710 RY/STS	56.0	MOD/LOW	LOW-HIGH	35.7	32.9	51.7	52.8	S	MR	S	
BCDEF	Warren Seed DS 4850 R2Y/STS	55.9	MOD/LOW	LOW-MOD	39.0	35.5	54.8	52.4	-	-	-	
CDEF	USG 74A69R RR2Y	55.6	MOD/MOD	LOW	38.2	35.2	54.1	49.2	MS	MS	S	
DEFG	Hornbeck HBK RY4721 RR2Y	55.0	LOW/LOW	LOW	39.7	39.7	49.2	46.5	-	-	-	
EFG	Schillinger 4712R2	53.7	MOD/LOW	LOW-MOD	34.7	33.4	46.6	42.3	MS	MS	S	
FG	USG 74H92R RR2Y	51.9	MOD/LOW	LOW-MOD	40.0	33.4	39.6	42.2	S	MS	S	
G	Dyna-Gro S47RY13 RR2Y	50.8	MOD/LOW	LOW	42.3	38.1	35.4	39.3	MS	MS	MS	
Average (bu/a)		57.6			41.0	38.4	49.4	46.4				

2012 STANDARD GROUP IV LATE SEASON (4.6 - 4.9 MATURITY)

SOYBEAN VARIETY & DISEASE CHARACTERISTICS

(29 Varieties X 17 Locations)



(Summary of 17 County Standardized Test) (Disease Ratings & Yield from Research & Education Center, Mila

MS	Brand/Variety	AvgYld	Moist	Frogeye	Stem Canker	RECM	RECM	SCN - 2012		
		bu/a	%	RECM/Dyersburg	2012	*Treated	Untreated	Race 2	Race 3	Race 5
A	Armor 47-R17 RR2Y	53.3	12.1	0.0 / 0.0	0.3	50.8	47.9	S	MS	HS
AB	Warren/Dairyland 4850 R2Y/STS	52.1	12.3	NA	NA	NA	NA	NA	NA	NA
ABC	*Armor 48-R91 RR2Y/STS	51.6	12.1	0.3 / 0.0	0.0	45.0	45.8	HS	MR	HS
ABC	Progeny P4710 RY/STS	51.5	11.8	3.8 / 3.0	7.8	39.5	37.5	HS	HS	HS
ABCD	Hornbeck HBK R4924	50.9	12.2	3.3 / 4.7	0.0	45.8	42.2	HS	MS	HS
ABCDE	**Schillinger 4990RC	50.6	12.3	0.3 / 0.3	0.0	44.5	49.6	S	MR	HS
ABCDEF	Croplan 4801S GENRR2Y/STS	50.4	12.2	0.0 / 1.7	0.0	44.3	46.3	S	MS	HS
ABCDEFG	Dyna-Gro 33RY47 RR2Y/STS	50.3	12.1	0.3 / 0.0	0.0	45.1	46.7	HS	S	HS
BCDEFG	NK Brand S49-F8 RR	50.1	12.2	0.0 / 0.0	0.0	44.9	46.0	HS	MR	HS
BCDEFG	Mycogen 5N478 RR2Y	50.0	12.1	1.0 / 0.3	0.0	47.0	49.7	HS	MR	HS
BCDEFGH	Warren/Dairyland 4633 R2Y	49.8	11.8	0.0 / 0.0	0.0	48.0	50.5	S	HS	HS
BCDEFGH	Asgrow AG4832 GENRR2Y/STS	49.7	12.5	7.0 / 5.7	0.0	45.3	45.1	HS	MR	HS
BCDEFGH	Terral REV-48R33	49.6	11.7	0.0 / 0.0	0.0	42.5	44.0	HS	MS	HS
BCDEFGH	Steyer 4701 R2	49.5	12.0	0.0 / 1.0	0.0	47.9	47.4	MS	HS	HS
BCDEFGH	MorSoy RT46X29 RR2Y/STS	49.2	12.0	6.8 / 7.0	4.5	41.5	41.2	HS	S	HS
CDEFGH	Terral REV-49R22	49.1	11.8	4.8 / 2.7	0.0	43.3	41.7	S	MR	HS
CDEFGH	Asgrow AG4632 GENRR2Y/STS	49.1	11.9	0.0 / 0.3	0.0	44.9	47.8	HS	HS	HS
CDEFGH	Ag Venture 47K7	48.9	11.8	0.0 / 0.0	0.0	44.9	46.3	S	S	HS
CDEFGH	Hornbeck HBK RY4721	48.7	12.1	0.3 / 1.3	0.3	46.9	49.3	HS	S	HS
DEFGH	USG 74B81 R2Y	48.5	12.2	6.5 / 4.7	0.0	43.8	40.4	HS	MR	HS
DEFGH	NK Brand S46-A1 RR2Y	48.4	11.9	7.8 / 7.3	0.0	45.3	40.4	HS	MR	HS
DEFGH	LG Seeds C4625 R2	48.2	11.9	NA	NA	NA	NA	NA	NA	NA
DEFGH	USG 74A79 R2Y/STS	48.2	12.5	5.0 / 5.7	4.5	40.1	39.8	HS	HS	HS
EFGH	LG Seeds C4885 R2	47.6	12.7	7.3 / 4.7	0.0	48.9	42.9	HS	MS	HS
FGH	Warren/Dairyland 4810 RR	47.6	12.0	0.8 / 0.3	0.0	43.6	45.6	HS	S	HS
FGH	Schillinger 478.RCS	47.6	11.9	6.5 / 4.3	0.0	40.1	37.1	HS	MR	HS
GH	Croplan 4799S GENRR2Y/STS	47.3	11.9	3.8 / 6.0	2.5	40.0	44.3	HS	HS	HS
H	Ag Venture 48K8	47.0	12.3	0.0 / 0.0	0.0	42.6	46.3	S	MS	HS
H	MorSoy RT46X71 RR2Y	46.8	11.9	0.0 / 0.0	0.0	45.7	47.1	HS	MS	HS
	Average (bu/a)	49.4	12.1			44.5	44.8			23 HS

Table 21. Mean yields † and agronomic characteristics of 75 Late Maturity Group IV (4.6 - 4.9) Roundup Ready soybean varieties evaluated in five environments in Tennessee in 2013.

Brand	Variety ‡	Avg. Yield	Moisture §	Lodging	Height	Maturity	Shattering	Seed Quality
		± Std Err. (n=5)	(n=5)	(n=4)	(n=4)	(n=4)	(n=3)	(n=1)
		bu/a	%	Score	in.	DAP	----- Score -----	
Morsoy Xtra Warren Seed	R2 47X12 (STS)	66 ± 1	15.3	1.6	41	132	1.0	2.0
	DSR-4850/R2Y (STS)	63 ± 1	15.4	1.7	41	132	1.1	1.8
Delta Grow	4765 R2Y	63 ± 1	14.9	1.7	39	131	1.1	2.5
Progeny	4850 RY	63 ± 1	15.4	1.6	42	132	1.0	2.3
Mycogen	5N478R2	63 ± 1	15.0	1.7	40	131	1.0	2.5
Armor	48-R91 (RR2Y/STS)	62 ± 1	14.8	1.8	40	131	1.0	2.2
Croplan	R2C 4752 S	62 ± 1	15.2	1.5	40	131	1.1	2.0
Terral-REV Brand	47R34 (RR)	62 ± 1	14.6	2.1	41	131	1.0	2.2
Progeny	4747 RY (RR2Y)	61 ± 1	14.5	1.7	37	130	1.1	1.7
Croplan	R2C 4873 S	61 ± 1	15.1	2.0	35	133	1.0	2.3
Progeny	4613 RY	61 ± 1	14.8	1.9	39	132	1.0	2.7
Dyna-Gro	S48RS53 (RR2Y/STS)	61 ± 1	15.6	1.5	39	132	1.0	1.5
Steyer	4802 R2 (RR2Y/STS)	61 ± 1	15.1	2.2	34	133	1.0	1.8
Asgrow	AG4832 GENRR2Y (STS)	61 ± 1	14.7	1.7	40	131	1.0	2.0
LG Seeds	C4867R2	61 ± 1	16.0	2.0	35	133	1.0	2.5
Caverndale Farms	486 RR2Y/STSn	61 ± 1	14.9	2.0	34	134	1.0	2.3
LG Seeds	C4780R2	60 ± 1	15.2	1.5	39	131	1.0	1.5
Schillinger Seed	4990 RC	60 ± 2	14.4	2.2	40	134	1.0	2.3
Terral-REV Brand	49R94 (RR)	59 ± 1	14.2	2.0	38	131	1.0	1.5
Morsoy Xtra	R2 48X02	59 ± 1	14.9	1.8	38	131	1.0	1.3
Asgrow	AG4632 GENRR2Y (STS)	59 ± 1	14.7	1.7	36	130	1.1	1.7
Armor	47-R13 (RR2Y/STS)	59 ± 1	15.5	1.6	39	131	1.0	2.2
Terral-REV Brand	48R44 (RR)	59 ± 1	14.9	1.9	38	132	1.0	1.8
Hornbeck	HBK RY 4620 (RR2Y/STS)	59 ± 1	15.0	1.6	35	129	1.0	2.0
Asgrow	AG4933 GENRR2Y	59 ± 1	14.8	1.5	38	134	1.0	2.2
Armor	48-R66 (RR2/STS)	59 ± 1	15.1	2.0	34	133	1.0	2.2
USG	74B83R (RR2Y/STS)	59 ± 1	15.3	1.9	35	132	1.0	1.8
Terral-REV Brand	46R64 (RR)	59 ± 1	14.6	1.9	38	131	1.0	2.2
Hornbeck	HBK RY 4721 (RR2Y)	59 ± 1	14.8	1.7	41	131	1.0	2.3
Delta Grow	4825 R2Y/STS	58 ± 1	15.1	2.0	35	133	1.0	2.7
USG	74A79R (RR2Y/STS)	58 ± 1	14.7	1.8	35	129	1.0	2.8
Asgrow	AG4934 (RR2Y/STS)	58 ± 1	14.7	1.5	39	132	1.0	2.3
Delta Grow	4670 R2Y	58 ± 1	14.4	1.8	37	129	1.0	1.3
Delta Grow	4755 R2Y	58 ± 1	14.8	1.7	37	131	1.1	1.3
Beck's Hybrids	477NR (RR)	58 ± 1	13.9	2.0	40	132	1.0	3.0
Steyer	4702 R2 (RR2Y)	58 ± 1	14.5	1.9	37	131	1.0	1.8
Terral-REV Brand	48R33 (RR)	57 ± 1	14.8	2.0	40	131	1.0	2.0
Progeny	4710 RY (RR2Y/STS)	57 ± 1	14.8	1.9	37	131	1.0	1.3

2012 STANDARD MG V EARLY SEASON (5.0 - 5.5 MATURITY

RR SOYBEAN VARIETY TEST

(15 Varieties X 10 Locations)

Legend

75.8	Location yield
75.8	Top yield
75.8	Yield above avg



Yields of 15 Maturity Group V Early Roundup Ready soybean varieties in 10 County Standard Test in TN & KY during 2012.

MS	Brand/Variety	AvgYld	Moist	Carlisle	Coffee	Crockett	Dyer	Fayette	Franklin	Gibson	Lake	Obio	Shelby	
		bu/a	%	plant 6/12	5/15	6/7	5/3	5/18	6/18	4/24	5/23	5/9	5/4	
A	*Asgrow AG5332 GENRR2Y	55.4	12.0	50.4	78.2	61.5	47.9	42.3	70.1	65.2	61.0	40.0	37.8	8
AB	**MorSoy RT5429 RR	54.1	12.9	49.4	71.3	61.7	54.1	37.1	63.8	66.4	60.8	35.4	40.8	9
AB	MorSoy 54X41 RR2Y	53.8	15.2	53.9	66.2	65.0	57.1	37.8	52.5	71.9	59.3	31.2	43.0	7
ABC	*Armor 53-R15 RR2	53.5	12.6	53.4	62.5	58.9	51.4	41.1	54.7	63.5	63.9	39.1	47.0	8
ABC	Asgrow AG5532 GENRR2Y	53.1	12.7	43.4	72.5	65.7	55.0	31.8	61.6	69.5	58.6	29.9	42.6	7
ABC	Asgrow AG5632 GENRR2Y/STS	52.7	12.3	49.1	70.6	51.1	50.0	39.6	61.3	62.4	57.2	32.1	53.8	3
ABC	USG 75J50 R2Y	52.4	12.5	55.3	59.4	55.1	54.0	37.8	63.0	60.1	58.3	32.1	48.7	7
ABC	Croplan 5081 GENRR2Y	52.0	12.1	50.1	70.5	56.8	56.9	38.4	66.4	58.3	50.8	34.4	37.4	5
ABC	USG 75B21 R2Y	51.4	11.8	43.9	77.3	49.8	48.7	32.0	65.2	56.8	61.6	30.7	48.1	4
BC	Terral REV-51R53	50.9	12.2	45.0	74.7	58.4	51.1	36.1	57.3	66.0	60.7	26.3	33.2	5
BC	Progeny P5111 RY	50.8	12.5	55.7	74.4	52.2	49.6	37.0	60.5	56.3	52.6	25.1	44.4	4
BC	NK Brand S51-H9 RR2Y	50.7	12.1	53.0	72.2	54.9	49.4	36.8	57.2	59.4	53.3	31.8	39.4	3
BC	Schillinger 5220.RC	50.4	12.5	46.5	66.3	51.6	46.1	35.0	64.0	69.7	49.1	35.7	40.0	3
BC	Armor X1313 RR2	50.3	12.5	45.9	75.3	57.3	46.0	33.2	62.7	60.1	55.8	26.8	39.8	3
C	Hornbeck HBK RY5221	49.6	13.1	43.6	69.6	59.3	43.5	33.4	62.2	52.0	61.9	29.9	40.3	3
	Average (bu/a)	52.1	12.6	49.2	70.7	57.3	50.7	36.6	61.5	62.5	57.7	32.0	42.4	

2013 STANDARD MG V EARLY SEASON (5.0 - 5.5 MATURITY)

RR SOYBEAN VARIETY TEST

(15 Varieties X 10 Locations)



MS	Brand/Variety	AvgYld	Moist	Carlisle	Coffee	Crock	Dyer	Faye	Frank	Lake	Madis	Shel 1	Shel 2	
		bu/a	%	plant 7/5	5/2	6/27	5/28	6/27	6/26	6/26	5/30	5/15	6/21	
A	**Asgrow AG5332 GENRR2Y	62.4	12.8	52.9	79.1	53.3	69.8	60.4	77.6	64.7	77.2	36.2	53.3	7
A	Asgrow AG5233 GENRR2Y	62.0	13.2	50.7	74.1	60.7	69.3	55.3	73.6	60.7	72.4	41.5	61.9	9
AB	Dyna-Gro S32RY55 RR2Y	60.8	13.5	49.7	62.5	62.4	65.8	58.2	77.6	59.5	73.8	41.2	57.1	9
ABC	Armor 55-R22 RR2	60.3	13.5	51.0	67.8	60.0	61.6	56.0	76.8	60.5	72.0	38.1	59.0	9
ABCD	Warren Seed DS 5122 R2Y	59.8	13.4	52.1	83.8	56.6	63.1	53.1	75.5	62.1	65.2	26.7	59.7	5
ABCDE	Hornbeck HBK RY5221 RR2Y	59.6	13.5	56.9	72.7	57.3	61.4	56.7	74.3	58.3	63.3	37.9	57.4	5
ABCDE	Croplan R2C5371 GENRR2Y	58.9	13.1	50.6	53.1	56.5	61.1	55.1	74.1	57.1	78.9	42.2	60.3	5
ABCDE	*Croplan R2C5081 GENRR2Y	58.9	13.3	46.5	60.2	55.7	67.4	55.3	76.3	61.5	71.3	45.3	49.4	6
ABCDE	Progeny P5210 RY	58.6	13.3	49.0	56.3	59.9	66.9	54.3	75.7	59.4	72.5	34.1	57.8	5
BCDE	Terral REV-53R23	57.4	12.9	46.8	63.5	61.2	58.7	55.6	71.4	59.7	71.9	35.3	50.0	4
BCDE	Terral REV-55R83	57.3	13.0	49.9	58.3	47.7	61.3	57.5	74.4	55.4	74.0	40.9	53.4	4
BCDE	Dyna-Gro S54RY43 RR2Y	57.1	13.0	42.2	65.4	62.7	64.5	51.7	76.3	58.3	66.5	29.0	54.7	4
CDE	USG 75Q42R RR2Y	56.5	13.2	44.7	64.6	53.0	64.6	52.8	76.1	56.5	64.4	32.0	56.2	4
DE	Schillinger 5220.RC	56.2	13.3	51.9	47.9	61.4	60.4	54.1	75.9	57.9	67.8	40.0	44.9	4
E	Hornbeck HBK RY5421 RR2Y	55.8	12.9	46.0	59.4	57.3	64.2	48.1	71.2	61.5	70.1	31.5	48.3	2
	Average (bu/a)	58.8	13.2	49.4	64.6	57.7	64.0	54.9	75.1	59.5	70.8	36.8	54.9	

Table 40. Yields † and disease ratings § of 15 early Maturity Group V (5.0 - 5.5) Roundup Ready soybean varieties evaluated in 10 Tennessee and Kentucky County Standard Tests during 2013.

MS	Brand/Variety	CST	----- Research and Education Center at Milan (RECM) and Jackson (WTREC)-----									
		Avg. Yield (n=10)	Frogeye RECM/WTREC	Sudden Death	RECM Yield		WTREC Yield		SCN			
					Treated †	Untreated	Treated †	Untreated	Race 2	Race 3	Race 5	
		bu/a			bu/a	bu/a	bu/a	bu/a				
A	**Asgrow AG5332 GENRR2Y	62.4	HIGH/LOW	LOW	37.1	34.3	53.0	51.9	S	S	S	
A	Asgrow AG5233 GENRR2Y	62.0	HIGH/LOW	LOW	32.8	32.4	60.1	56.7	S	MS	S	
AB	Dyna-Gro S32RY55 RR2Y	60.8	MOD/LOW	LOW	36.4	30.0	49.0	47.6	S	S	S	
ABC	Armor 55-R22 RR2	60.3	MOD/LOW	LOW	34.4	32.9	54.0	49.4	S	MS	MR	
ABCD	Warren Seed DS 5122 R2Y	59.8	HIGH/LOW	LOW	33.8	28.7	48.9	47.0	S	S	S	
ABCDE	Hornbeck HBK RY5221 RR2Y	59.6	LOW/LOW	LOW	27.5	30.3	43.5	48.6	S	S	S	
ABCDE	Croplan R2C5371 GENRR2Y	58.9	LOW/LOW	LOW-MOD	40.0	39.9	50.5	51.3	S	S	S	
ABCDE	*Croplan R2C5081 GENRR2Y	58.9	LOW/LOW	LOW-HIGH	42.5	42.2	45.3	47.0	MS	S	MS	
ABCDE	Progeny P5210 RY	58.6	LOW/LOW	LOW-HIGH	38.0	38.4	42.0	46.6	S	MR	S	
BCDE	Terral REV-53R23	57.4	LOW/LOW	LOW-MOD	43.8	40.3	52.4	47.8	S	MR	MR	
BCDE	Terral REV-55R83	57.3	MOD/LOW	LOW	37.4	31.4	49.7	48.2	MS	MS	MS	
BCDE	Dyna-Gro S54RY43 RR2Y	57.1	MOD/LOW	LOW	35.2	33.0	53.4	47.4	S	MS	MS	
CDE	USG 75Q42R RR2Y	56.5	HIGH/LOW	LOW	32.3	27.0	52.0	48.5	S	MR	MS	
DE	Schillinger 5220.RC	56.2	HIGH/LOW	LOW	28.3	24.6	53.2	49.8	MS	MS	MS	
E	Hornbeck HBK RY5421 RR2Y	55.8	LOW/LOW	LOW-HIGH	36.4	35.4	47.8	49.6	S	S	MS	
Average (bu/a)		58.8			35.7	33.4	50.3	49.2				

Table 30. Mean yields † and agronomic characteristics of 44 Early Maturity Group V (5.0 - 5.5) Roundup Ready soybean varieties evaluated in five environments in Tennessee during 2013.

Brand	Variety ‡	Avg. Yield	Moisture § (n=5)	Lodging (n=4)	Height (n=4)	Maturity (n=4)	Shattering (n=3)	Seed
		± Std Err. (n=5)						Quality (n=1)
		bu/a	%	Score	in.	DAP	----- Score -----	
Progeny	5555 RY	67 ± 2	13.3	2.0	40	142	1.2	2.2
Progeny	5213 RY	63 ± 2	14.1	1.5	45	135	1.2	2.0
Asgrow	AG5534 (RR2Y)	62 ± 2	13.7	1.5	38	144	1.2	1.7
Armor	X1413 (RR2)	62 ± 2	13.9	1.5	44	136	1.2	2.3
Asgrow	AG5233 GENRR2Y (STS)	61 ± 2	14.3	1.9	38	135	1.3	3.3
Armor	X1414 (RR2)	61 ± 2	13.7	2.0	37	141	1.6	3.0
Warren Seed	DS5122 R2Y	60 ± 2	13.8	1.7	43	136	1.2	3.0
Armor	55-R22 (RR2Y)	58 ± 2	13.7	1.9	37	143	1.4	2.0
Dyna-Gro	32RY55 (RR2Y)	58 ± 2	13.6	1.9	37	143	1.4	1.7
Progeny	5333 RY	57 ± 2	13.7	2.2	40	140	1.4	3.2
Steyer	5101R2	57 ± 2	13.7	1.6	42	135	1.2	2.8
Croplan	R2C 5482	57 ± 2	13.8	2.3	38	143	1.3	3.2
Morsoy Xtra	53X82 (RR2)	57 ± 2	13.9	2.3	36	142	1.4	3.2
USG	75J23R (RR2Y)	57 ± 2	13.8	1.7	42	135	1.2	2.5
Midwest Premium Genetics	MPG5113 (RR)	56 ± 2	14.1	2.3	40	139	1.3	2.0
LG Seeds	C5122R2	56 ± 2	13.7	1.6	42	136	1.3	2.7
Hornbeck	HBK RY 5421 (RR2Y)	56 ± 2	14.5	2.8	36	142	1.3	1.5
Delta Grow	5130 RR2	56 ± 2	13.8	1.7	42	135	1.2	2.8
Progeny	5111 RY (RR2Y)	56 ± 2	14.1	2.1	36	138	1.3	2.0
Morsoy	RT 5429 (RR)	56 ± 2	13.7	1.8	38	143	1.2	1.7
Dyna-Gro	S54RY43 (RR2Y)	55 ± 2	14.0	2.4	39	143	1.4	2.7
Armor	53-R16 (RR2Y)	55 ± 2	14.2	2.1	34	142	1.4	2.7
Terral-REV Brand	51R53 (RR)	55 ± 2	14.0	2.0	37	136	1.3	3.0
Beck's Hybrids	EX6160 (RR)	54 ± 2	13.7	1.7	38	135	1.2	3.0
Armor	X1410 (RR2)	54 ± 2	13.9	2.7	42	140	1.3	1.5
USG	75Q42R (RR2Y)	54 ± 2	13.8	2.5	39	143	1.4	2.0
Hornbeck	HBK RY 5221 (RR2Y)	54 ± 2	15.1	2.2	41	141	1.3	3.7
Armor	53-R88 (RR2Y/STS)	54 ± 2	13.8	1.9	35	140	1.4	2.3
Asgrow	AG5332 GENRR2Y	54 ± 2	13.4	2.6	36	137	1.2	3.2
NK	S 52-Y2 (RR2Y)	53 ± 2	14.0	2.1	38	135	1.3	2.8
Midwest Premium Genetics	MPG5214NRR	53 ± 2	13.9	2.7	41	139	1.2	2.0
MO Exp	S09-6201R	52 ± 2	14.5	2.1	38	135	1.2	3.3
Dyna-Gro	S53RY23 (RR2Y)	52 ± 2	14.0	2.2	39	140	1.4	3.3
TN Exp	TN09-45,905 (RR2Y)	52 ± 2	13.2	2.6	36	140	1.4	2.2
Asgrow	AG5532 GENRR2Y (STS)	52 ± 2	13.4	1.6	38	141	1.4	2.5
Terral-REV Brand	55R53 (RR)	51 ± 2	13.5	2.5	36	142	1.2	3.3
Terral-REV Brand	53R23 (RR)	49 ± 2	13.2	1.4	31	139	1.2	3.7

2012 STANDARD MG IV LATE SEASON (4.6 - 4.9 MATURITY)

LIBERTY LINK SOYBEAN VARIETY TEST

(10 Varieties X 10 Locations)



Legend

75.8 Location yield

75.8 Top yield

75.8 Yield above avg

Yields of 10 Maturity Group IV Late (4.6 - 4.9) Liberty Link soybean varieties in 10 County Standard Test in TN & KY during 2012.

MS	Brand/Variety/Maturity	AvgYld	Moist	Croc	Dyer	Fran	Fult	Gibs	Lak1	Lak2	Mrec	Obio	Shel	
		bu/a	%	plant 5/26	6/8	6/8	5/14	4/23	4/26	5/23	5/25	5/15	4/27	
A	*Warren Seed Micah 4900LL	55.5	10.9	50.2	64.2	54.5	45.7	63.4	57.7	59.3	63.5	65.4	31.0	6
A	**Progeny 4928LL	55.3	10.9	56.3	58.6	63.7	51.0	55.3	50.0	66.9	62.4	64.2	25.0	8
AB	**USG 74G99LL	54.9	10.9	49.1	60.3	61.5	48.1	60.2	50.8	65.9	65.3	62.8	24.6	9
AB	Warren Seed Micah 4800LL	54.8	11.0	45.1	56.8	58.5	49.6	60.6	52.8	65.2	65.5	66.5	27.9	8
AB	*Stratton Seed Go-Soy 4910LL	54.4	11.6	49.7	65.1	60.8	47.6	59.6	50.3	57.9	63.8	58.9	30.1	7
ABC	*US Seeds Halo 4:94	53.7	11.0	40.1	60.6	60.6	48.7	59.7	50.7	60.8	63.2	65.9	26.7	7
BCD	Warren Seed Micah 4600LL	51.0	11.4	34.2	51.7	62.5	47.2	50.7	37.8	74.1	65.2	62.0	24.6	5
CD	Stratton Seed Go-Soy 4810LL	49.9	10.8	37.4	51.7	60.3	41.2	49.6	49.9	63.2	62.3	59.1	24.4	2
D	US Seeds Halo 4:65	49.3	10.9	41.0	49.2	53.7	44.1	47.5	34.9	73.4	68.4	57.7	22.9	2
D	Ag Venture 43A4 LL	46.8	12.1	38.6	50.2	56.9	41.6	38.4	34.0	70.1	62.2	56.0	20.5	1
	Average (bu/a)	52.6	11.1	44.2	56.8	59.3	46.5	54.5	46.9	65.7	64.2	61.8	25.8	

2013 STANDARD MG IV LATE SEASON (4.6 - 5.0 MATURITY)
LIBERTY LINK SOYBEAN VARIETY TEST
 (15 Varieties X 8 Locations)



MS	Brand/Variety/Maturity	AvgYld	Moist	Dyer	Fayette	Franklin	Fulton1	Fulton2	Gibson	Obion	Shelby	
		bu/a	%	plant 6/18	6/12	6/26	6/28	5/15	5/15	6/22	5/19	
A	US Seeds Halo 5:01	61.1	12.9	53.9	49.5	64.4	68.0	77.0	67.0	71.1	37.6	7
AB	Hornbeck LL4950	59.3	13.2	49.7	50.2	65.9	67.8	67.4	60.6	74.4	38.4	6
BC	USG 74G99LL	57.4	13.1	50.1	42.4	61.3	62.3	67.0	63.4	71.4	41.0	6
BCD	Stratton Seed Go-Soy 4910LL	57.0	13.0	46.1	45.7	63.2	64.3	63.5	61.4	69.4	42.4	6
BCD	Warren Seed Micah 4900LL	56.7	13.1	47.0	43.7	63.0	61.6	65.1	60.4	71.1	41.3	5
BCD	US Seeds Halo 4:94	56.6	13.1	44.7	41.9	60.1	64.6	69.6	62.4	72.1	37.5	5
CD	Stratton Seed Go-Soy 4912LL	56.1	13.2	47.6	45.9	65.6	61.8	66.3	54.1	69.0	38.2	5
CD	Warren Seed Micah 4800LL	56.0	12.9	42.7	45.8	62.3	59.2	66.6	61.4	70.6	39.1	5
CD	Progeny 4819LL	55.4	13.0	35.7	38.3	62.2	71.4	65.3	63.6	69.5	37.0	4
CD	Progeny 4928LL	55.4	12.9	40.2	42.1	64.1	63.4	63.6	62.3	69.1	38.2	4
CDE	USG 74G82LL	54.5	13.0	39.9	36.0	58.2	68.0	60.6	68.8	68.2	36.7	2
DE	Hornbeck LL4850	54.0	13.1	36.3	36.0	59.2	65.5	63.6	64.6	66.7	40.4	3
DE	US Seeds Halo 4:97	53.9	13.1	40.8	39.7	60.4	61.0	62.5	62.9	63.9	40.0	2
E	Warren Seed Micah 4600LL	52.2	13.3	41.4	37.1	57.3	63.0	62.4	61.4	60.8	34.7	0
E	Stratton Seed Go-Soy 4512LL	52.2	13.6	38.5	37.6	57.5	62.0	61.0	60.4	65.2	35.3	0
	Average (bu/a)	55.8	13.1	43.6	42.1	61.6	64.2	65.4	62.3	68.8	38.5	

Table 57. Yields † and disease ratings § of 15 Late Maturity Group IV (4.6 - 4.9) Liberty Link (LL) soybean varieties evaluated in 8 Tennessee and Kentucky County Standard Tests during 2013.

		CST	----- Research and Education Center at Milan -----						
		Avg.			Treated †	Untreated	SCN		
MS	Brand/Variety	Yield (n=8)	Frogeye	Sudden Death	Yield	Yield	Race 2	Race 3	Race 5
		bu/a			bu/a	bu/a			
A	US Seeds Halo 5:01	61.1	LOW	LOW	47.8	40.9	MS	S	S
AB	Hornbeck LL4950	59.3	LOW	LOW	46.1	39.5	S	S	S
BC	USG 74G99LL	57.4	LOW	LOW	46.6	41.6	S	S	MS
BCD	Stratton Seed Go-Soy 4910LL	57.0	LOW	LOW	43.1	39.4	S	S	S
BCD	Warren Seed Micah 4900LL	56.7	LOW	LOW-MOD	44.5	40.3	S	S	S
BCD	US Seeds Halo 4:94	56.6	LOW	LOW-MOD	45.6	42.3	S	S	S
CD	Stratton Seed Go-Soy 4912LL	56.1	LOW	LOW	49.6	42.4	S	MR	MS
CD	Warren Seed Micah 4800LL	56.0	LOW	LOW	47.7	40.7	S	MS	MS
CD	Progeny 4819LL	55.4	MOD	LOW-MOD	34.8	34.8	MS	S	MR
CD	Progeny 4928LL	55.4	LOW	LOW	46.1	41.0	S	S	S
CDE	USG 74G82LL	54.5	MOD	LOW	39.0	35.7	MS	MS	MS
DE	Hornbeck LL4850	54.0	MOD	LOW-MOD	43.6	36.7	MS	S	S
DE	US Seeds Halo 4:97	53.9	MOD	LOW-MOD	40.9	35.8	S	MS	S
E	Warren Seed Micah 4600LL	52.2	LOW	LOW-HIGH	45.9	42.5	S	R	MS
E	Stratton Seed Go-Soy 4512LL	52.2	LOW	LOW-MOD	45.8	43.0	MS	S	S
Average (bu/a)		55.8			44.5	39.8			

2012 STANDARD GROUP IV Liberty Link

SOYBEAN VARIETY & DISEASE CHARACTERISTICS

(10 Varieties X 10 Locations)



(Summary of 10 County Standardized Test)				(Disease Ratings & Yield from Research & Education Center, Milan)						
MS	Brand/Variety	AvgYld	Moist	Frogeye	Sudden Death	RECM	RECM	SCN - 2012		
		bu/a	%	2012	2012	*Treated	Untreated	Race 2	Race 3	Race 5
A	*Warren Seed Micah 4900LL	55.5	10.9	0.0	2.0	27.9	25.0	S	HS	HS
A	**Progeny 4928LL	55.3	10.9	0.0	2.0	27.9	28.4	HS	HS	S
AB	**USG 74G99LL	54.9	10.9	0.0	4.0	31.8	26.8	S	HS	S
AB	Warren Seed Micah 4800LL	54.8	11.0	0.0	5.0	28.8	26.5	S	HS	HS
AB	*Stratton Seed Go-Soy 4910LL	54.4	11.6	2.0	7.0	34.5	32.4	S	HS	HS
ABC	*US Seeds Halo 4:94	53.7	11.0	0.0	5.0	27.5	27.8	S	HS	S
BCD	Warren Seed Micah 4600LL	51.0	11.4	0.0	4.0	30.6	27.8	S	MS	HS
CD	Stratton Seed Go-Soy 4810LL	49.9	10.8	0.0	5.0	28.7	26.6	S	HS	HS
D	US Seeds Halo 4:65	49.3	10.9	0.0	4.0	34.0	31.5	MS	MS	S
D	Ag Venture 43A4 LL	46.8	12.1	0.0	3.0	24.3	24.0	HS	MS	S
	Average (bu/a)	52.6	11.1			29.6	27.7			

*Sprayed plots at Milan treated with Headline @ 6 oz./Acre tank mixed with Topguard @ 6 oz./Acre + 1% Induce @ R3 growth stage.
 Disease ratings (of unsprayed plots) for Frogeye & Sudden Death are from 0-10, where 0=no disease & 10=max. level of disease or plant death.
 Disease ratings & yield data compiled by Dr. Melvin Newman and Dr. Heather Young-Kelly from replicated plots at the Research and Education Center at Milan.
 MS = Varieties that have any MS letter in common are not statistically different in yield at the 5% level of probability.
 %M = Avg. % moisture across all locations. YLD = Avg. Yield @ 13% moisture.
 SCN Greenhouse Ratings compiled by Dr. Pat Donald, Research Plant Path., USDA-ARS, WTREC. Race 2 (HG Type 1.2.5.7), Race 3 (HG Type 7) and Race 5 (HG Type 2.5.7), HS = Highly Susceptible, S = Susceptible, MS = Moderately Susceptible, MR = Moderately Resistant, R = Resistant.
 Programs in agriculture and natural resources, 4-H youth development, family and consumer sciences, and resource development.
 University of Tennessee Institute of Agriculture, U.S. Department of Agriculture and county governments cooperating.
 UT Extension provides equal opportunities in programs and employment.

Table 45. Mean yields † and agronomic characteristics of 29 Maturity Group IV Liberty Link soybean varieties evaluated in five environments in Tennessee during 2013.

Brand	Variety ‡	Avg. Yield	Moisture § (n=5)	Lodging (n=4)	Height (n=4)	Maturity (n=4)	Shattering (n=3)	Seed
		± Std Err. (n=5)						Quality (n=1)
		bu/a	%	Score	in.	DAP	----- Score -----	
Dyna-Gro	SX 13246L (LL)	61 ± 2	13.7	1.6	34	130	1.0	1.5
Halo	5:01 (LL)	58 ± 2	13.9	1.8	42	137	1.0	1.5
Delta Grow	4967 LL	58 ± 2	13.8	1.7	38	138	1.0	1.8
Halo	X496 (LL)	56 ± 2	13.7	1.5	37	136	1.0	1.2
Halo	X466 (LL)	56 ± 2	13.8	1.7	35	130	1.0	2.3
Progeny	4930 LL	55 ± 2	13.8	1.3	36	137	1.0	1.5
Delta Grow	4981 LL/STS	55 ± 2	14.2	1.8	44	136	1.0	2.3
Dyna-Gro	S49LL34 (LL)	54 ± 2	14.1	1.3	36	135	1.0	1.5
GoSoy	4912 LL	53 ± 2	14.3	1.8	38	137	1.0	1.5
Beck's Hybrids	483NL (LL)	53 ± 2	14.1	1.7	36	129	1.0	1.3
Halo	4:65 (LL)	53 ± 2	13.7	2.0	36	128	1.0	2.8
Hornbeck	LL4950	52 ± 2	13.9	1.7	38	137	1.0	2.3
Delta Grow	4867 LL	52 ± 2	13.6	2.1	35	128	1.0	2.2
Halo	4:95 (LL)	52 ± 2	13.3	2.1	38	129	1.0	1.3
Progeny	4819 LL	51 ± 2	13.8	2.0	34	129	1.0	1.3
Halo	4:94 (LL)	51 ± 2	14.1	1.6	38	135	1.0	2.0
Beck's Hybrids	423NL (LL)	51 ± 2	13.6	1.5	33	129	1.0	2.5
Delta Grow	4990 LL	51 ± 2	14.1	1.6	37	135	1.0	1.5
Halo	4:40 (LL)	51 ± 2	13.5	1.7	33	129	1.0	1.5
USG	74G99L (LL)	51 ± 2	14.2	1.7	40	134	1.0	1.8
USG	74G82L (LL)	50 ± 2	13.5	2.2	36	130	1.0	1.3
Hornbeck	LL4850	50 ± 2	13.6	2.1	36	131	1.0	1.2
GoSoy	4812 LL	49 ± 2	13.8	1.8	35	130	1.0	1.3
Progeny	4560 LL	49 ± 2	13.2	1.7	36	127	1.0	2.2
GoSoy	4411 LL	48 ± 2	13.8	2.0	37	128	1.0	2.0
Progeny	4928 LL	48 ± 2	14.2	1.5	37	135	1.0	2.0
GoSoy	4711 LL	47 ± 2	13.9	2.8	39	133	1.0	2.3 33
Halo	X477 (LL/STS)	46 ± 2	14.5	2.0	39	133	1.0	1.2