

GRAIN TRIALS

Table 7. Southern Zone - Early Maturity Grain Trial. (page 1 of 2)

105 day Relative Maturity or earlier based on company rating (Arlington= ARL, Janesville= JAN, Montfort=MON)

Brand	Hybrid	Traits†	2016									2015				
			Average				Yield (bu/A)					Average		Yield (bu/A)		
			Yield (bu/A)	P.I. #	Moist %	Test Wt. %	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON	
Munson	6143-GTA	RR-wo	256	102	20.0	54	1	274	243	252						
ProHarvest	6101STAXRIB	CB,LL,RR,RW	242	99	20.5	54	0	256	229	240						
NK Brand	N45P-3011A	CB,LL,RR,RW-wo	262	103	20.5	55	0	278	255	253	232	* 102	* 254	233	209	
AgriGold	A6257STXRIB	CB,LL,RR,RW	233	97	20.6	53	0	228	238	233						
Tracy Seeds	T102-14(Vip3011A)	CB,LL,RR-wo	244	99	20.8	55	1	259	235	238	214	97	239	216	186	
NK Brand	N45P-3122	CB,LL,RR,RW-wo	258	102	20.8	55	0	272	243	260						
Munson	6048SSRIB	CB,LL,RR,RW	229	96	20.8	53	1	236	226	224						
Titan Pro	TP58-01 2P	CB,RR	233	97	20.9	55	0	235	230	233						
AgriGold	A6300STXRIB	CB,LL,RR,RW	223	95	21.0	53	0	238	206	225	* 238	* 103	* 268	238	207	
Legacy Seeds	L4315	CB,LL,RR,RW	244	99	21.0	53	0	244	239	250						
Federal Hybrids	5060VT2P	CB,RR	240	99	21.1	55	0	225	251	244						
NorthStar	NS100-531	CB,LL,RR,RW	246	100	21.2	54	0	263	240	236						
Power Plus	1S26AMXT	CB,LL,RR,RW	254	101	21.3	54	2	256	244	262	* 250	* 104	* 265	* 257	* 229	
Beck's	5337SX	CB,LL,RR,RW	245	99	21.4	53	3	254	234	246						
Power Plus	2R63R	RR	* 283	* 107	21.4	55	1	* 293	* 269	* 288						
NuTech/G2 Genetics	5Z-601	CB,LL,RR-wo	* 281	* 106	21.4	53	1	282	* 275	* 287						
LG Seeds	LG5499STXRIB	CB,LL,RR,RW	257	102	21.5	53	0	276	253	242	* 238	* 101	* 263	238	214	
Renk	RK680SSTX	CB,LL,RR,RW	240	98	21.5	54	0	248	233	239						
100-DAY HYBRID TRIAL AVERAGE##					21.5											
Mycogen	X13526VH	RR	262	102	21.6	52	4	285	248	254						
ProHarvest	6333STAXRIB	CB,LL,RR,RW	235	97	21.8	53	0	246	222	236	224	99	* 260	229	183	
NuTech/G2 Genetics	5Z-503	CB,LL,RR	* 284	* 107	21.8	54	0	* 307	* 268	* 278						
InVision	FS 53UX1RIB	CB,LL,RR,RW	232	96	21.8	54	4	251	175	269						
DuPont Pioneer	P0157AMX	CB,LL,RR,RW-wo	259	102	21.8	54	0	280	242	255						
Power Plus	2Y06AM	CB,LL,RR	* 274	* 105	21.9	53	1	273	* 275	* 274						
AgriGold	A6267STXRIB	CB,LL,RR,RW	249	100	22.0	53	0	259	243	244	230	100	* 254	228	208	
Power Plus	1G48AMXT	CB,LL,RR,RW	259	102	22.0	55	0	273	242	261						
PIP	5601	CB,LL,RR	245	99	22.1	55	1	246	241	248						
NK Brand	N50D-3010	CB,LL,RR	243	99	22.1	55	0	245	248	237						
InVision	FS 54ZX1RIB	CB,LL,RR,RW	248	99	22.2	54	0	263	240	240						
Dekalb	DKC54-38RIB	CB,LL,RR,RW	240	98	22.2	53	0	257	222	240	* 241	* 103	* 254	243	* 227	
AgriGold	A6355STXRIB	CB,LL,RR,RW	245	99	22.2	52	0	263	231	242						
NuTech/G2 Genetics	5H-502(AM)	CB,LL,RR	231	96	22.3	54	0	242	221	230	* 241	* 104	* 271	239	214	
ProHarvest	6338STAXRIB	CB,LL,RR,RW	244	99	22.3	51	0	250	240	241						
Steyer Seeds	10403SSRIB	CB,LL,RR,RW	247	99	22.3	53	1	232	266	244						

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Table 7 (continued). Southern Zone - Early Maturity Grain Trial. (page 2 of 2)

105 day Relative Maturity or earlier based on company rating (Arlington= ARL, Janesville= JAN, Montfort=MON)

Brand	Hybrid	Traits†	2016									2015				
			Average				Yield (bu/A)					Average		Yield (bu/A)		
			Yield (bu/A)	P.I. #	Moist %	Test Wt. %	Lodge %	ARL	JAN	MON	Yield (bu/A)	P.I. #	ARL	JAN	MON	
Cornelius	C408DP	CB,RR	271	* 104	22.4	53	0	271	* 289	252						
NorthStar	NS102-168	CB,DT,RR	237	97	22.4	52	0	255	221	236						
InVision	FS 52ZX1RIB	CB,LL,RR,RW	242	98	22.4	54	1	261	232	234	229	100	250	245	190	
Steyer Seeds	10503SIRIB	CB,LL,RR,RW	241	98	22.6	54	0	251	228	242	* 256	* 107	* 282	245	* 243	
105-DAY HYBRID TRIAL AVERAGE##					22.6											
Titan Pro	TP67-02 SS	CB,LL,RR,RW	247	99	22.6	52	1	265	237	240						
Channel	205-19STXRIB	CB,LL,RR,RW	246	99	22.7	52	0	265	232	241	* 249	* 105	* 273	* 255	* 218	
NuTech/G2 Genetics	5F-504	CB,LL,RR	* 281	* 106	22.7	54	1	* 289	* 275	* 280						
NuTech/G2 Genetics	5K-702	CB,LL,RR,RW	265	103	22.8	52	0	279	244	* 273						
LG Seeds	LG5507STXRIB	CB,LL,RR,RW	245	99	22.8	53	0	266	227	242						
Power Plus	2B77AMXT	CB,LL,RR,RW	* 279	* 105	22.9	54	0	288	267	* 283						
Renk	RK717SSTX	CB,LL,RR,RW	* 288	* 107	22.9	55	0	* 294	* 289	* 283						
Beck's	5515	CB,LL,RR,RW	269	103	23.2	54	1	284	263	260						
Dairyland	DS9403	CB,LL,RR,RW	240	97	23.3	50	1	249	235	237						
AgriGold	A6346STX	CB,LL,RR,RW	238	97	23.3	52	0	250	237	225						
LG Seeds	LG5520VT2	CB,RR	238	97	23.3	52	1	255	211	247						
Legend Seeds	LR9405GENSSRIB	CB,LL,RR,RW	241	97	23.4	54	1	238	219	266						
Tracy Seeds	T102-26(Vip3122RIB)	CB,LL,RR,RW	246	99	23.4	50	1	250	241	248						
AgriGold	A6351STXRIB	CB,LL,RR,RW	249	99	23.4	55	0	252	245	250						
LG Seeds	LG5520STX	CB,LL,RR,RW	238	97	23.4	53	0	250	228	236						
Munson	6434VT2P	CB,RR	261	102	23.5	53	0	272	257	254						
NorthStar	NS104-167	CB,LL,RR,RW	257	101	23.5	54	1	262	255	256						
Legacy Seeds	L5516	CB,RR	255	100	23.8	53	0	272	247	247						
Dairyland	DS9204	CB,LL,RR,RW	251	99	24.0	51	0	259	240	254						
MEAN			251	100	22.1	53	1	261	242	250	231	100	248	239	206	
LSD(0.10)**			15	3	0.6	1	1	18	21	18	20	6	29	17	26	

† Traits: CB=Corn Borer, DT=Drought Tolerant, LL=Liberty Link, RR=Roundup Ready, RW=Corn Rootworm, lfy=Leafy, ND=Nutri-Dense, wo=Water Optimize.

Average grain moisture of all hybrids in the trial as rated by the participating company maturity rating systems. Ratings are rounded to 5 day increments.

‡ All plots of this hybrid sustained herbicide damage in the Janesville trial. The hybrid was dropped from the multi-location average analysis.

* Hybrids that performed statistically similar to the highest hybrid in the trial.

Shaded results provide the best estimate of relative hybrid performance.