

# 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, Lancaster= LAN)

Brand	Hybrid	Traits†	2014						2013						
			Average					Average							
			Yield (bu/A)	P.I. #	Moist %	Test Wt. %	Lodge %	Yield (bu/A)	Yield (bu/A)	P.I. #	Yield (bu/A)				
					ARL	JAN	LAN	ARL	JAN	LAN					
Cornelius	C490	None	‡	‡	‡	‡	‡	*268	‡	*237					
Titan PRO	TP40-03	None	‡	‡	‡	‡	‡	247	‡	223					
Tracy Seeds	T097-14	None	‡	‡	‡	‡	‡	230	‡	207					
Tracy Seeds	T104-12 HX1	CB,LL	‡	‡	‡	‡	‡	250	‡	*242					
AgriGold	A6202VT3PRIB	CB,RR,RW	215	99	21.5	54	0	237	206	203					
NuTech/G2 Genetics	5D-198AMX	CB,LL,RR,RW	220	*100	21.8	52	0	232	*227	202					
Tracy Seeds	T098-11GT	RR	220	*100	22.0	54	1	224	*220	214					
NK Brand	N49W-3000GT	CB,LL,RR,RW	213	98	22.1	52	0	238	201	199					
ProHarvest	6101STAXRIB	CB,LL,RR,RW	*235	*103	22.4	53	0	244	*229	*232					
AgriGold	A6217STX	CB,LL,RR,RW	227	*101	22.5	53	0	250	209	223					
AgriGold	A6252STXRIB	CB,LL,RR,RW	218	99	22.6	53	0	236	208	210	239	97	272	229	217
Golden Harvest	G02W74-3000GT	CB,LL,RR,RW	213	98	22.7	52	0	227	194	217					
Wyffels	W2308	CB,LL,RR,RW	220	99	22.9	52	2	238	219	202					
Power Plus	1M45AMRW-R	RR,RW	218	99	23.0	50	0	248	211	195					
AgriGold	A6257STXRIB	CB,LL,RR,RW	221	*100	23.0	53	1	235	205	224	254	101	276	257	229
Mycogen	X13526VX	CB,LL,RR,RW	231	*101	23.3	51	1	258	219	216					
Cornelius	C325SS	CB,LL,RR,RW	215	98	23.4	53	0	237	200	208	242	98	265	242	217
Hughes	2987-3000GT	CB,LL,RR,RW-wo	232	*102	23.6	53	0	245	*227	223	249	99	261	250	*237
100-DAY HYBRID TRIAL AVERAGE##						23.7									
Miller	M01-41BRGA	CB,LL,RR,RW-wo	*235	*102	23.7	54	1	252	*231	222					
NK Brand	N42Z-5222A	CB,LL,RR,RW-wo	207	96	24.0	52	0	218	211	191					
Dekalb	DKC53-56RIB	CB,LL,RR,RW	218	98	24.0	53	0	232	201	219	263	*102	*287	*262	*241
Cornelius	C338DPDG	CB,RR	218	98	24.2	52	0	235	189	*230					
Golden Harvest	G99Z33-5222A	CB,LL,RR,RW-wo	207	96	24.2	52	0	234	188	199					
Titan PRO	TP39-02SS	CB,LL,RR,RW	214	97	24.3	52	0	231	204	207	235	97	258	228	218
Golden Harvest	G01P52-3011A	CB,LL,RR,RW-wo	233	*101	24.6	53	1	248	*234	218					
Tracy Seeds	T104-13 3111	CB,LL,RR,RW	228	*100	24.7	52	0	252	*223	208					
NK Brand	N45P-3011A	CB,LL,RR,RW-wo	*242	*103	24.7	53	0	*260	*233	*232					
Dekalb	DKC54-38RIB	CB,LL,RR,RW	232	*101	24.7	54	0	253	*227	216					
Wyffels	W3358	CB,LL,RR,RW	*242	*103	24.9	54	0	254	*228	*245					
Legacy Seeds	L5522(RIB)	CB,RR,RW	*235	*101	24.9	53	2	229	*243	*232					
NuTech/G2 Genetics	5H-905	CB,LL,RR	223	99	24.9	52	0	251	214	203	258	101	*289	248	*238
PiP/Steyer	5202	CB,RR,RW	221	98	25.0	53	1	245	205	213	255	101	*287	253	224
Channel	203-44STXRIB	CB,LL,RR,RW	229	*100	25.0	52	0	235	*227	224	262	*102	*297	256	232
Dairyland	DS9900SSX	CB,LL,RR,RW	225	99	25.0	51	0	234	214	226					
AgriGold	A6351STX	CB,LL,RR,RW	228	*100	25.1	54	0	240	214	*230					
AgriGold	A6267STXRIB	CB,LL,RR,RW	227	*100	25.1	52	1	235	*229	217					
Dekalb	DKC52-30RIB	CB,LL,RR,RW	*240	*103	25.3	52	1	*259	218	*243					
LG Seeds	LG5499STXRIB	CB,LL,RR,RW	*237	*102	25.3	52	2	252	*227	*234	258	101	*284	260	228
InVision	FS 54ZX1RIB	CB,LL,RR,RW	229	*100	25.3	54	0	249	*226	212					

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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, Lancaster= LAN)

Brand	Hybrid	Traits†	2014									2013			
			Average						Yield (bu/A)			Average			
			Yield (bu/A)	P.I. #	Moist %	Test Wt.	Lodge %	ARL	JAN	LAN	Yield (bu/A)	P.I. #	ARL	JAN	LAN
LG Seeds	LG5523STX	CB,LL,RR,RW	* 239	* 102	25.3	54	0	243	* 241	* 232					
LG Seeds	LG5518VT2P	CB,RR	222	99	25.4	53	0	229	216	220					
DuPont Pioneer	P0453AM	CB,LL,RR	* 239	* 102	25.6	53	1	249	* 230	* 238	* 269	* 103	* 290	* 273	* 244
AgriGold	A6358VT3PRIB	CB,RR,RW	228	* 100	26.1	50	0	249	204	* 231					
Brunner	4105GT3	CB,LL,RR,RW	227	99	26.2	50	0	226	* 227	* 227					
<b>105-DAY HYBRID TRIAL AVERAGE##</b>			<b>26.2</b>												
Dairyland	DS6805	RR	234	* 101	26.3	52	1	256	* 230	215					
Wyffels	W3998RIB	CB,LL,RR,RW	228	* 100	26.5	53	0	240	* 226	218					
PIP	5405	CB,LL,RR,RW	234	* 101	26.7	51	0	250	* 223	* 228	* 272	* 103	* 286	* 279	* 252
PIP	X5304	CB,LL,RR,RW	229	99	26.7	52	2	236	* 225	226					
Dairyland	DS9305RA	CB,LL,RR,RW	226	99	26.7	51	0	242	219	217					
PIP	X5404	CB,LL,RR,RW	226	99	27.4	51	0	237	211	* 230					
NuTech/G2 Genetics	5F-805	CB,LL,RR	226	98	27.4	52	0	252	* 223	202					
Titan PRO	TP38-04-3122	CB,LL,RR,RW	* 236	* 101	27.6	52	0	* 263	216	* 230					
Power Plus	2V56AMX	CB,LL,RR,RW-wo	234	* 100	27.9	53	0	248	* 227	226	* 274	* 104	* 292	* 280	* 251
Cornelius	C457SS	CB,LL,RR,RW	* 242	* 102	28.0	52	1	258	* 232	* 236					
Renk	RK752SSTX(RIB)	CB,LL,RR,RW	* 248	* 103	28.4	53	1	* 278	* 239	* 227					
PIP	X5505	CB,LL,RR,RW	* 247	* 103	29.0	52	0	* 260	* 243	* 239					
Dairyland	DS6905	RR	220	96	29.8	50	0	224	204	* 232					
<b>MEAN</b>			<b>227</b>	<b>100</b>	<b>25.0</b>	<b>52</b>	<b>1</b>	<b>244</b>	<b>219</b>	<b>221</b>	<b>253</b>	<b>100</b>	<b>276</b>	<b>251</b>	<b>230</b>
<b>LSD(0.10)**</b>			<b>13</b>	<b>3</b>	<b>1.3</b>	<b>1</b>	<b>1</b>	<b>19</b>	<b>23</b>	<b>18</b>	<b>10</b>	<b>2</b>	<b>18</b>	<b>18</b>	<b>16</b>

† Traits: CB = Corn Borer, LL = Liberty Link, RR = Roundup Ready, RW = Corn Rootworm, bmr = Brown Mid Rib, 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.