

**Table 17. Yields and disease ratings of 8 Full-season (117+ DAP) Roundup / stacked corn hybrids in 14 County Standard Tests and in small plot and large strip trials at 2 locations in Tennessee during 2024.**

Summary from County Tests			Summary from Small Plot Research						Summary from Large Strip Research				Other Diseases Observed
MS	Hybrid	Avg. Yield (bu/ac)	On farm Location (JAX) irrigated			Research & Education Center at Milan (RECM) Irrigated			West TN Research & Education Center (WTREC) Irrigated		On farm Location (Gibson Co) Non irrigated		
			*Treated	Non treated	Grey leaf spot	*Treated	Non treated	Grey leaf spot	*Treated	Non treated	*Treated	Non treated	
A	AgriGold 647-79 VT2P	213	97	95	LOW	193	187	LOW	283	264	205	202	
A	Dyna-Gro 60TC45	209	97	104	LOW	187	189	LOW	301	269	210	218	Curvularia
AB	DeKalb 68-35 VT2P *	209	80	90	LOW	199	203	LOW	270	242	200	209	Curvularia, S.Rust
BC	Pioneer P17677 YHR	201	86	68	LOW	178	173	LOW	279	251	192	183	Curvularia
CD	Dyna-Gro 58TC94	196	95	85	LOW	178	190	MOD	286	268	197	192	
CD	Dyna-Gro 57VC53 RIB	196	86	80	LOW	178	179	LOW	259	237	197	199	S.Rust
CD	Progeny 2118 VT2P	194	98	98	LOW	168	169	LOW	253	235	198	197	Curvularia
D	NuTech 77A5 AM	191	79	75	NONE	161	154	LOW	254	224	181	181	
<b>Average</b>		<b>201</b>	<b>90</b>	<b>87</b>		<b>180</b>	<b>180</b>		<b>273</b>	<b>249</b>	<b>197</b>	<b>198</b>	

Yield adjusted to 15.5% moisture

MS= Varieties that have any MS letter in common are not statistically different in yield (based on 95% confidence)

\* Asterisks after a hybrid name indicate the number of preceding consecutive years in the top-performing "A" group in county trials

\*Treated plots sprayed with Miravis Neo @13.7 fl oz/a + 0.25% Induce @ VT-R1 growth stage

On-farm locations: Jackson (JAX) hybrids planted Apr. 25, sprayed July 3, & harvested Sept. 10; Gibson Co hybrids planted Apr 17, sprayed June 24, & harvested Sept. 10  
 RECM hybrids planted Apr. 22, sprayed June 28, & harvested Oct. 7; WTREC hybrids planted Apr 16, sprayed June 25, & harvested Sept. 5

NONE, LOW, MOD, and HIGH is a relative ranking of disease severity at each location.

Disease ratings at On-farm JAX Location: Grey leaf spot ranged from 0 - 2.8%, averaged 1.5%

Disease ratings at RECM: Grey leaf spot ranged from 0.8 - 8.5%, averaged 4.6%

Disease ratings & yield data compiled by Dr. Heather Kelly and Wesley Crowder from replicated plots at 2 locations  
 County and large strip data provided by Ryan Blair, Ext. Area Specialist, and County Extension agents