

Table 16. Yields and disease ratings of 12 Mid-season (114-116 DAP) Roundup / stacked corn hybrids in 19 County Standard Tests and in small plot and large strip trials at 3 locations in Tennessee during 2025.

Summary from County Tests			Research & Education Center at Milan (RECM) Irrigated			Summary from Large Strip Research			Summary from Large Strip Research			Other Diseases Observed
MS	Hybrid	Avg. Yield (bu/ac)	Yield (bu/ac)		Leaf spots	On-farm Location (Chester Co) Irrigated		On-farm Location (Gibson Co) Non-irrigated		Leaf spots		
		*Treated	Non-treated	*Treated		Non-treated	*Treated	Non-treated				
A	Southeast Seed SE13-65	194.1	224.0	201.6	MOD	181.0	182.0	HIGH	187.5	182.6	LOW	SR, Curvularia
A	Beck's 6574 TCV2P	193.2	213.3	186.9	LOW	208.3	208.6	HIGH	187.4	186.2	LOW	SR, Curvularia
A	Gateway 2716 VT2P	192.9	225.1	192.6	MOD	168.4	172.1	LOW	182.2	181.4	MOD	SR, Curvularia
A	Beck's 6473 TCV2P	192.1	213.1	220.5	MOD	195.2	180.3	MOD	183.8	185.2	MOD	SR, Curvularia
A	Dekalb 64-22 VT2P	191.4	203.2	212.6	LOW	251.9	227.3	HIGH	189.7	186.5	MOD	Curvularia
A	Gateway 4914 TRE	190.7	218.5	205.4	MOD	180.9	156.9	LOW	184.8	189.9	LOW	SR, Curvularia
AB	DynaGro 55VC80 RIB***	187.7	228.9	208.8	LOW	151.8	169.7	HIGH	184.6	183.3	MOD	SR, Curvularia
AB	Agrigold 645-30 VT2P	186.8	218.4	195.8	MOD	224.8	219.2	LOW	176.2	185.1	MOD	Curvularia
AB	Agrigold 645-16 VT2P****	185.0	207.0	184.6	LOW	167.7	185.7	HIGH	182.8	179.4	MOD	SR, Curvularia
AB	DynaGro 54VC34 RIB*	183.6	221.3	192.5	MOD	199.8	180.2	LOW	178.8	177.3	MOD	SR, Curvularia
B	Pioneer P14364 PWUE	178.4	222.1	206.6	MOD	181.2	179.6	LOW	170.4	174.7	MOD	SR, Curvularia
B	Agrigold 644-64 VT2P	177.1	-	-	-	183.6	199.2	LOW	179.6	178.8	HIGH	SR, Curvularia
Average		188.3	216.2	200.0		192.7	189.7		180.9	181.9		

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)

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

On-farm locations: Chester Co hybrids planted Apr 17 (on 30" row spacing), sprayed July 3, and harvested Sept. 28; Gibson Co hybrids planted 18 (on 38" row spacing), sprayed June 27, and harvested Sept. 3

RECM hybrids planted Apr 28 (on 30" row spacing), sprayed July 3, and harvested Sept. 18

NONE, LOW, MOD, and HIGH is a relative ranking of disease severity at each location. The majority of leaf spots was from grey leaf spot, but also included Curvularia, and potentially other leaf spotting diseases including but not limited to Southern rust.

Disease ratings at RECM: Leaf spots ranged from 3.8 - 10.3%, averaged 7.0%

Disease ratings at On-farm Chester Co Location: Leaf spots ranged from 15 - 30%, averaged 20.3%

Disease ratings at On-farm Gibson Co Location: Leaf spots ranged from 3.5 - 24%, averaged 9.9%

Other Diseases Observed based on observations at On-Farm locations: SR=Southern Rust, and Curvularia

Disease ratings & yield data compiled by Dr. Heather Kelly and Wesley Crowder