

Table 11. Yields and disease ratings of 5 Early-season (<114 DAP) Roundup / stacked corn hybrids in 10 County Standard Tests and in small plot and large strip trials at 3 locations in Tennessee during 2025.

Summary from County Tests			Summary from Large Strip Research									Other Diseases Observed
MS	Hybrid	Avg. Yield (bu/ac)	Research & Education Center at Milan (RECM) Irrigated			On-farm Location (Chester Co) Irrigated			On-farm Location (Gibson Co) Non-irrigated			
			Yield (bu/ac)	Leaf spots		Yield (bu/ac)	Leaf spots		Yield (bu/ac)	Leaf spots		
A	Dekalb 111-35 RIB	208.3	*Treated	Non-treated	MOD	*Treated	Non-treated	HIGH	*Treated	Non-treated	LOW	Curvularia
A	Pioneer P13777 PWUE	204.1	210.6	193.3	MOD	188.1	216.9	MOD	168.5	166.7	LOW	SR, Curvularia
B	Pioneer P11616 PCE	192.2	203.7	197.7	MOD	178.5	200.1	HIGH	178.0	173.5	MOD	SR, Curvularia
B	DynaGro 53TC23	191.6	210.6	210.6	MOD	201.3	192.5	HIGH	167.0	173.5	MOD	SR, Curvularia
B	Beck's 6184 V2P	191.3	205.1	207.1	MOD	207.8	235.4	HIGH	149.8	161.6	MOD	SR, Curvularia
Average		197.5	210.1	204.7		196.4	209.8		168.5	172.4		

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 7.0 - 10.5%, averaged 8.6%

Disease ratings at On-farm Chester Co Location: Leaf spots ranged from 15 - 30%, averaged 25.6%

Disease ratings at On-farm Gibson Co Location: Leaf spots ranged from 3.5 - 15%, averaged 10.3%

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