

2025 Dryland Corn Hybrid Performance Trial at Akron

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Grain		Relative Maturity ^c	Test		
			Yield ^b bu/ac	Yield % of test avg.		Moisture percent	Weight lb/bu	Population plants/ac
Channel	205-85	VT2P, GLY	177	113%	105	15.6	59.3	15,536
Channel	204-55	TRERIB, GLY	177	113%	104	16.3	59.7	15,391
Allegiant	10485 DGVT2P	DG, VT2P, GLY	173	110%	104	16.5	60.5	14,520
Channel	205-40	VT4P, GLY	173	110%	105	17.4	58.4	15,028
Hoegemeyer Hybrids	6654 V	V, GLY, LL	162	103%	104	14.1	60.6	14,520
Dekalb	DKC099-11RIB	VT2P, GLY	151	96%	99	15.1	61.6	13,939
Allegiant	10673 PWE EXP	PWE, GLY, LL	147	94%	106	17.4	58.9	13,721
Dekalb	DKC105-35RIB	VT2P, GLY	144	92%	105	15.8	59.6	14,230
Channel	200-71	TRERIB, GLY	136	86%	100	15.2	61.5	14,230
Pioneer	P0487Q	Q, GLY, LL	133	84%	104	15.9	62.0	13,431
Average			157	100%	104	15.9	60.2	14,500
^d LSD (0.30)			11				1.4	
^d LSD (0.05)			21				0.7	
Coefficient of Variation (CV)			8.1				1.4	

^aTechnology trait designations: DG=DroughtGard; GLY=Glyphosate; LL=LibertyLink; PWE=Powercore Enlist Refuge Adv.; Q=QROME; TRERIB= Trecepta RIB Complete; V=Vorceed Enlist; VT2P=VecTran Double Protection; VT4P=VecTran Quad Protection with RNAi Technology. For a list of specific pests controlled by each trait, please click [here](#).

^bYields corrected to 15.5% moisture.

^cRelative maturity is provided by the respective companies and is the approximate time from planting to harvest maturity. The method of calculation of the relative maturity ratings may vary among companies.

^dFarmers selecting a variety based on yield should use the LSD (.30) to protect themselves from false negative conclusions (concluding varieties are the same when they are actually different). Companies or researchers may use the LSD (.05) to avoid false positive conclusions (concluding varieties are different when they are actually the same).

Site Information

Collaborator: Central Great Plains USDA-ARS Research Station
 Planting Date: May 16, 2025
 Harvest Date: November 5, 2025
 Fertilizer: 3 gal/ac of 10-34-0 at planting
 Herbicides: Burndown on 4/22/25: Buccaneer Plus at 32 oz/ac, Dicamba HD at 4 oz/ac, Sharpen at 2 oz/ac, Tapran at 4 pt/100, and AMS at 8.5lb/100
 Post-Plant: Buccaneer Plus at 32 oz/ac, Yukon at 8 oz/ac, Staredown at 0.4 pt/ac, Warrant at 2 qt/ac, Tapran at 2 pt/100, and AMS at 8.5lb/100
 Soil Type: Rago Silt Loam
 GPS Coordinates: 40.1512843, -103.13524
 Trial Comments: The trial was planted 1.5" deep into great moisture and received significant & timely moisture throughout the growing season. There was no storm damage. Weed control was exceptional throughout the growing season. Total rainfall from planting to harvest was 15.8".

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