



2021 Dryland Corn Hybrid
Performance Trial at Julesburg

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Grain Yield ^b bu/ac	Yield % of test avg.	Relative Maturity ^c	Moisture percent	Test Weight lb/bu	Ear Height in	Population plants/ac
104-109 Relative Maturity									
Pioneer	P0622AML	AML, LL, RR2	79	116%	106	14	62	32	15,700
Dyna-Gro Seed	D44SS54	STX, LL, RR2	68	100%	104	15	61	35	16,600
Dyna-Gro Seed	D45TC55	TRE, RR2	63	93%	105	15	61	32	17,600
Dyna-Gro Seed	D49SS70	STX, LL, RR2	58	86%	109	17	60	34	15,800
Dyna-Gro Seed	D48QV22	3330, RR2	54	80%	108	15	60	44	16,100
97-103 Relative Maturity									
Dyna-Gro Seed	D37SS64	STX, LL, RR2	77	114%	97	15	61	32	16,700
Dekalb	DKC47-55RIB	VT2PRIB, RR2	77	113%	97	14	62	30	16,500
Dekalb	DKC51-20RIB	DG, VT2PRIB, RR2	69	102%	101	14	62	31	15,200
Dyna-Gro Seed	D43SS81	STX, LL, RR2	68	101%	103	14	61	34	16,600
Dyna-Gro Seed	D39VC40	VT2P, RR2	65	96%	99	14	61	34	14,000
		Average	68		103	15	61	34	16,100
		^d LSD (0.30)	4						
		^d LSD (0.05)	8						

^aTechnology trait designations: 3330=Agrisure Viptera 3330 E-Z Refuge; AML=AcreMax Leptra; DG=DroughtGard; LL=LibertyLink; RR2=Roundup Ready 2; STX=SmartStax; VT2P=VecTran Double Protection; VT2PRIB=VecTran Double Protection Refuge in the Bag Complete. For a list of specific pests controlled by each trait, please click [here](#).

^bYields corrected to 15.5% moisture. Hybrid yields in bold are in the top LSD group (0.30).

^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 hybrid based on yield should use the LSD (.30) to protect themselves from false negative decisions. Companies or researchers may be interested in the LSD (.05) to avoid false positive conclusions.

Site Information

Collaborator: Carlson Farms
Planting Date: May 21, 2021
Harvest Date: October 29, 2021
Soil Type: Rago and Kuma silt loams
Trial Coordinates: 40.83635, -102.38091

The data included in this table may not be republished without permission. Contact Sally Jones-Diamond at sally.jones@colostate.edu.