



**2020 Irrigated Grain Corn Variety
Performance Trial at Fruita**

Brand	Hybrid	Insect and Herbicide Technology Traits ^a	Yield ^b bu/ac	Relative Maturity ^c	Moisture percent	Test	
						Weight lb/bu	Population plants/ac
Dyna-Gro Seed	D50VC78	VT2P, RR2	284.7	110	21.9	54.9	42,340
Dyna-Gro Seed	D53TC19	TRE, RR2	270.8	113	23.1	54.4	36,068
Dyna-Gro Seed	D51VC67	VT2P, RR2	268.1	111	23.2	54.0	35,754
Dyna-Gro Seed	D52SS63	STX, RR2, LL	267.1	112	23.1	54.1	36,695
Dyna-Gro Seed	D53VC33	VT2P, RR2	258.2	113	19.3	56.2	35,440
Dyna-Gro Seed	D51VC41	VT2P, RR2	257.0	111	23.8	54.4	39,204
Dyna-Gro Seed	D48VC76	VT2P, RR2	256.1	108	20.6	55.4	35,754
Dyna-Gro Seed	D48QV22	3330A, RR2	251.4	108	23.6	53.2	35,754
Dyna-Gro Seed	D52DC82	VT2P, RR2	250.0	112	23.1	53.9	33,872
Average			262.6	111	22.4	54.5	36,765

^dLSD (P<0.30)

NS

^dLSD (P<0.05)

NS

^aTechnology trait designations: 3330A=Agrisure Viptera 3330A E-Z Refuge; LL=LibertyLink; RR2=Roundup Ready 2; STX=SmartStax; TRE=Trecepta; VT2P=VecTran Double Protection.

^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.

^dYield trial data could not be interpreted due to lack of significant differences among hybrid yields. The yield results should not be used for selecting superior hybrids.

Site Information

Collaborator: Western Colorado Research Center - Fruita (Reza Keshavarz Afshar)
 Planting Date: May 5, 2020
 Harvest Date: October 15, 2020
 Fertilizer: Pre-plant: N at 75, P at 94, K at 60, S at 22 lb/ac applied in March and incorporated
 Side-dress: N at 200 lb/ac applied on June 9
 Herbicide: Pre-plant: Cinch at 26 oz/ac and gramaxone at 32 oz/ac
 Post-emerge: Glyphosate at 28 oz/ac on June 10
 Soil Texture: Clay (18% sand, 35% silt, 47% clay)

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