

## 2008 Irrigated Corn Variety Performance Trial at Rocky Ford

Hybrid	Yield	Grain moisture	Test weight	Plant height	Population density
				(top of the tassel)	
	<u>bu/ac</u>	<u>%</u>	<u>lb/bu</u>	<u>in</u>	<u>plants/ac</u>
Croplan 6818 VT-3	272.0	21.3	56.3	110	34122
Croplan 7505 VT-3	253.3	20.3	57.7	106	37026
Triumph 1536VT3	247.3	19.3	56.8	106	35574
Dyna-Gro Seed 57V07 VT3	244.4	19.4	56.4	107	35574
Dyna-Gro Seed 57B94 RR2/YGPL	243.5	19.2	57.0	102	33396
Mycogen Seeds 2T789	238.3	19.9	56.4	110	32670
Mycogen Seeds 2T804	236.1	17.5	57.0	103	29040
LG Seeds LG2619VT3	232.3	18.9	56.2	103	34122
Mycogen Seeds 2C727	232.3	17.4	56.4	102	33396
Mycogen Seeds 2K718	231.9	17.6	56.9	105	33396
Dyna-Gro Seed 57V21 VT3	230.5	19.3	56.3	103	26862
Croplan 6831 TS	221.0	19.1	57.2	105	32670
Triumph 1608VT3	220.4	19.6	55.5	106	29040
Dyna-Gro Seed CX08514 YGCB	219.8	18.5	56.5	104	29766
LG Seeds LG2641VT3	218.8	18.1	55.7	104	34122
Croplan 6150 VT-3	200.2	17.7	58.3	106	29040
<b>Average</b>	<b>233.9</b>	<b>18.9</b>	<b>56.7</b>	<b>105</b>	<b>32489</b>
LSD <sub>0.30</sub>	14.3				
LSD <sub>0.05</sub>	27.7				

LSD<sub>(0.30)</sub> is most useful for producers using these results to select a variety but some collaborators find LSD<sub>(0.05)</sub> useful.

Experimental Design: randomized complete block, 3 replications

Plot Size: 5' x 31'

### Site Information

Collaborator: Arkansas Valley Research Center

Soil Type: Rocky Ford silty clay loam

Previous Crop: corn

Planting Date: 4/30/08

Irrigation: furrow

Fertilization: N-P-K (202-104-0) lb/ac

Herbicide: Clarity and Starane

Insecticide: Comite II

Harvest Date: 10/31/08

Yields corrected to 15.5 % moisture