

**Table A. New Mexico 2010 Forage Corn Performance Test - Agricultural Science Center at Clovis**

**Investigators:** M.A. Marsalis, R.E. Kirksey, B. Niece, and A. Scott

**Test Description**

<b>Location:</b>	<b>Management Practices:</b>	<b>Growing Conditions:</b>
County/Area: Curry	Previous Crop: fallow	
Longitude: -103.22	Planting Date: 28-Apr	
Latitude: 34.60	Harvest Date: 8-Sep	
Elevation: 4435 ft.		
Soil Name: Olton		
Soil Texture: clay loam		
Soil Depth: >60 in.		
	<b>Production Inputs</b>	
	<u>Rate</u> <u>Date</u>	
	<b>Fertilizer:</b>	
	Nitrogen 18 lb/a carryover	
	Nitrogen 230 lb/a 9-Apr	
	P <sub>2</sub> O <sub>5</sub> 55 lb/a 9-Apr	
	S 39 lb/a 9-Apr	
	Zn 1 lb/a 9-Apr	
	<b>Herbicides:</b>	
	Bicep Lite II Mag 3 pt/a 28-Apr	
	Dual II Mag 1 pt/a 14-Jun	
	Status 5 oz/a 14-Jun	
	<b>Insecticides:</b>	
	Onager 10 oz/a 14-Jun	
	Intrepid 2F 8 oz/a 1-Aug	
	Oberon 4SC 6 oz/a 1-Aug	
<b>Test Design:</b>		
Replications: 4		
Plot Length: 20 ft.		
Rows per Plot: 2		
Row Spacing: 30 in.		
Seeding Rate: 27000 seeds/a		
		Average
		Temp. Precip. Irrigation
		°F in. in.
		January
		February
		March
		April 56.3 1.56 0.60
		May 63.0 2.34 1.00
		June 77.8 2.98 4.25
		July 76.0 2.30 4.60
		August 77.0 6.83 1.40
		September† 73.8 0.01
		October
		November
		December
		† Sept. 1-8
		Seasonal Precipitation 16.0 in.
		Total Irrigation 11.9 in.
		Date of Last Spring Frost: 9-Apr
		Date of First Fall Frost: 28-Oct
		Frost Free Period: 202 days

**Table B. New Mexico 2010 Forage Corn Performance Test - Agricultural Science Center at Clovis**

Results													
Brand/Company Name	Hybrid/Variety Name	Moisture			CP	NDFD			Ash	TDN	NE <sub>i</sub>	Milk/Ton	Milk/Acre
		Dry Forage	Green Forage	at Harvest		NDF	48hr	Starch					
		t/a	t/a	%	%	%	%	%	%	Mcal/lb	lb/t	lb/a	
Triumph Seed Co., Inc.	1825V	12.0	25.7	53.2	8.4	43.6	64.2	31.0	3.6	67.8	0.70	3334	40183
Triumph Seed Co., Inc.	8539R	11.6	27.9	58.4	7.6	48.4	61.4	27.4	4.0	65.0	0.67	3108	36043
Golden Acres Genetics	28V71	11.2	24.1	53.3	8.2	44.7	62.8	30.8	3.5	67.1	0.69	3271	36780
Warner Seeds, Inc.	W 4727 VT3	11.2	26.3	57.3	7.9	48.8	63.1	26.8	4.0	66.1	0.68	3199	35963
Golden Acres Genetics	28Z47	11.2	26.5	57.8	6.9	48.1	61.8	26.7	4.3	65.4	0.67	3141	35186
B-H Genetics	X9151G	11.1	24.0	53.7	7.6	43.0	63.5	34.6	3.5	67.3	0.69	3289	36439
Mycogen Seeds	TMF2N804	11.0	25.8	57.3	8.0	47.5	63.0	26.7	4.0	66.1	0.68	3201	35136
Dyna Gro Seeds	CX 9218	10.9	22.5	51.5	8.2	42.3	63.3	33.1	3.5	67.9	0.70	3331	36222
Golden Acres Genetics	X6515VT3	10.7	25.7	58.1	7.8	48.3	62.0	26.7	4.0	65.5	0.67	3152	33764
Dyna Gro Seeds	DG 56VP69	10.6	21.6	50.6	8.4	42.4	63.5	32.6	2.9	68.7	0.71	3391	36001
B-H Genetics	BH8895VTTP	10.6	22.2	52.1	7.9	40.1	63.6	37.0	3.3	68.2	0.71	3360	35607
Grand Valley Hybrids	X7D215	10.5	22.7	53.5	8.1	44.8	65.2	29.7	2.8	69.1	0.71	3433	36186
Dyna Gro Seeds	CX 10115	10.4	21.9	52.4	8.4	42.0	64.7	31.7	3.5	68.7	0.71	3401	35440
Grand Valley Hybrids	23T75	10.4	23.0	54.9	8.2	41.9	65.7	32.5	3.4	69.1	0.72	3437	35627
Triumph Seed Co., Inc.	2288H	10.4	24.3	57.5	7.9	47.9	64.6	27.5	2.9	67.9	0.70	3341	34667
Golden Acres Genetics	X6022GTCB	10.1	20.3	50.5	7.6	42.9	63.3	32.0	3.8	67.5	0.70	3306	33279
Mycogen Seeds	F2F622	10.0	18.9	47.1	8.3	44.6	68.0	31.9	3.2	69.6	0.72	3495	34864
Mycogen Seeds	2T784	9.9	21.6	54.4	8.1	42.1	63.1	33.9	3.1	68.1	0.70	3342	32991
Dyna Gro Seeds	CX 10617	9.5	19.5	50.9	8.3	41.0	62.2	34.2	3.5	65.2	0.70	3288	31358
B-H Genetics	BH8719RR/HXT	9.5	19.7	51.9	7.8	44.6	64.6	29.4	3.1	68.3	0.71	3372	31947
B-H Genetics	X9150G	9.4	18.9	50.4	8.8	39.9	66.0	35.8	2.7	69.9	0.72	3499	32824
Grand Valley Hybrids	X7G157	8.9	19.3	53.8	8.6	44.6	63.6	29.6	4.0	67.0	0.69	3269	29070
Grand Valley Hybrids	X6Y156	8.0	17.6	54.7	8.4	40.3	65.6	34.6	3.1	69.2	0.71	3447	27449
	Trial Mean	10.4	22.6	53.7	8.1	44.1	63.9	31.1	3.5	67.6	0.70	3322	34479
	LSD	0.9	2.0	2.8	0.9	2.6	2.4	3.5	0.8	2.5	0.02	148	3446
	LSD P >	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	CV	5.9	6.4	3.6	7.8	4.2	2.6	7.9	16.8	2.6	2.1	3.1	7.1
	F Test	<0.0001	<0.0001	<0.0001	0.0489	<0.0001	<0.0001	<0.0001	0.0023	0.0006	<0.0001	<0.0001	<0.0001