

**New Mexico 2020 Forage Corn Performance Test - Agricultural Science Center at Clovis**

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**Test Description**

<b>Location:</b>	<b>Management Practices:</b>	<b>Growing Conditions:</b>		
County/Area: Curry	Previous Crop: fallow	Average		
Longitude: -103.22	Planting Date: 12-May	Temp.	Precip.	Irrigation
Latitude: 34.60	Harvest Date: 4-Sep	°F	in.	in.
Elevation: 4435 ft.	<b>Production Inputs</b>			
Soil Name: Olton	Rate	Date		
Soil Texture: clay loam	<b>Fertilizer:</b>			
Soil Depth: >60 in.	Nitrogen	13 lb/ac	carryover	
	Nitrogen	40 lb/ac	pre plant	
	Zn	3 qt/ac	pre plant	
	Phos	47 lb/ac	pre plant	
	S	22 lb/ac	13-May	
	Nitrogen	122 lb/ac	13-May	
<b>Test Design:</b>	<b>Herbicides:</b>			
Replications: 3	Panther	2 oz/ac	pt/ac pre plant	
Plot Length: 20 ft.	LV 6	20 oz/ac	pre plant	
Rows per Plot: 2	Glyphosate	32 oz/ac	pre plant	
Row Spacing: 30 in.	DiFlexx	16 oz/ac	13-May	
Seeding Rate: 27,000 seed/a	Atrazine	1 pt/ac	13-May	
	Balance Flex	3 oz/ac	13-May	
	Warrant	1.5 qt/ac	13-May	
	DiFlexx	16 oz/ac	15-Jun	
	Warrant	2 qt/ac	15-Jun	
	<b>Insecticides:</b>			
	Onager	16 oz/ac	15-Jun	
	Prevathon	20 oz/ac	31-Jul	
	Oberon	8 oz/ac	31-Jul	
			Seasonal Precipitation: 5.7 in.	
			Total Irrigation: 18.9 in.	
			Date of Last Spring Frost: 18-Apr	
			Date of First Fall Frost: 17-Oct	
			Frost Free Period: 186 days	

**New Mexico 2020 Forage Corn Performance Test - Agricultural Science Center at C - Results**

**Results**

Brand/Company Name	Hybrid/Variety Name	Moisture			CP	NDFD			Ash	TDN	NE <sub>1</sub>	Milk/Ton	Milk/Acre
		Dry Forage	Green Forage	at Harvest		NDF	48hr	Starch					
		t/a	t/a	%	%	%	%	%	%	Mcal/lb	lb/t	lb/a	
BH Genetics	BH 8690VIP3111	9.8	26.3	62.9	9.1	40.5	66.2	32.2	3.4	70.6	0.730	3548	34625
Dekalb/Bayer	DKC70-64RIB	9.3	26.9	65.3	9.4	44.9	65.2	24.1	4.1	68.5	0.706	3388	31680
LG Seeds	LG68C59-3330	9.2	27.0	65.8	9.7	40.3	66.2	29.6	3.9	70.4	0.727	3532	32502
BH Genetics	BH 8400PCE	9.2	25.7	64.2	8.7	42.0	67.1	30.1	4.6	69.4	0.717	3471	31902
Dyna-Gro Seed	D57TC19	9.1	25.8	64.6	9.2	40.2	65.7	32.0	3.1	70.7	0.731	3550	32469
Dyna-Gro Seed	D52DC82	9.1	24.5	62.8	8.4	36.8	67.1	37.9	3.0	71.5	0.740	3624	33025
Dyna-Gro Seed	D55VC80	9.1	23.5	61.2	9.3	42.2	66.4	29.6	3.7	70.1	0.724	3514	31946
Dyna-Gro Seed	D58VC90	9.1	25.6	64.6	9.2	41.0	64.6	32.0	2.9	70.4	0.728	3522	31983
Integra	6720 SS	9.0	24.2	62.7	9.8	41.0	65.7	31.1	3.4	70.4	0.727	3529	31862
BH Genetics	BH 8721VIP3110	8.8	24.6	64.0	9.2	41.2	65.6	30.8	3.6	70.0	0.723	3501	30927
BH Genetics	BH 8780VT2P	8.8	23.1	61.7	9.6	40.8	65.4	29.9	3.5	70.4	0.727	3526	31142
Integra	6588 VT2P	8.8	24.6	64.2	9.3	40.8	65.8	30.0	3.4	70.4	0.727	3530	31045
BH Genetics	BH 8907VT2P	8.7	25.6	66.0	8.8	43.6	64.8	28.2	3.5	69.3	0.716	3447	29938
BH Genetics	BH 8732VT2P	8.7	23.4	62.8	9.2	41.2	66.6	30.2	3.3	70.8	0.732	3565	30929
Integra	9678 VT2P	8.6	24.0	64.0	10.2	39.7	64.6	31.4	3.5	70.3	0.726	3513	30414
Integra	6709 VT2P	8.6	24.7	65.0	9.3	43.9	65.2	25.6	3.9	68.9	0.710	3416	29479
Dekalb/Bayer	DKC69-16RIB	8.6	23.6	63.7	9.6	42.3	65.7	28.2	3.9	70.1	0.724	3510	30182
LG Seeds	LG66C28-3110	8.5	22.7	62.4	9.8	40.3	63.5	31.4	3.5	69.6	0.719	3456	29407
Dyna-Gro Seed	D54VC14	8.5	24.0	64.8	9.7	41.1	64.3	29.8	3.8	69.8	0.721	3477	29467
Integra	6880 VT2P	8.4	23.9	64.7	9.5	40.2	64.1	32.1	2.9	70.3	0.726	3508	29525
Master's Choice, Inc.	MCT6552	8.4	23.6	64.4	9.4	42.0	65.9	29.4	4.1	69.6	0.718	3472	29150
Integra	6621 DGVT2P	8.4	23.7	64.7	9.5	41.3	64.3	29.0	4.2	68.9	0.711	3410	28491
BH Genetics	BH 8704VIP3110	8.3	22.9	63.6	9.7	42.2	66.6	26.7	4.4	69.9	0.721	3499	29131
Dyna-Gro Seed	D58QC72	8.1	24.0	66.2	9.3	43.4	65.0	27.4	3.5	69.6	0.719	3469	28114
BH Genetics	BH 8555DG2P	8.0	22.2	63.9	9.3	40.3	65.0	30.4	4.0	69.7	0.719	3472	27806
Dekalb/Bayer	DKC64-44RIB	7.9	20.8	61.9	9.5	40.9	65.4	30.2	3.6	70.3	0.727	3524	27798
Dyna-Gro Seed	D58VC65	7.8	21.7	64.0	9.7	39.2	64.6	32.4	3.3	70.3	0.727	3516	27493
Dyna-Gro Seed	D53VC33	7.7	18.9	58.9	9.0	39.4	67.2	33.6	3.2	71.4	0.739	3618	28023
Master's Choice, Inc.	MCT6703	7.4	20.9	64.7	8.8	41.9	66.0	30.1	4.2	69.6	0.719	3478	25689
	Trial Mean	8.6	24.0	63.9	9.4	40.9	65.5	30.5	3.68	70.0	0.724	3503	30194
	LSD	0.8	1.9	0.03	0.57	3.4	1.23	4.15	0.89	1.41	0.016	108	3323
	LSD P >	0.1	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
	CV	5.8	5.0	2.8	3.8	5.1	1.2	8.3	14.8	1.2	1.320	1.9	6.7
	F Test	0.0102	0.0002	<.0001	0.4839	0.0304	<.0001	0.2321	0.3226	0.0065	0.006	0.0024	0.0162