Table 6A. New Mexico 2012 Forage Corn Performance Test - Agricultural Science Center at Clovis

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Test Description

Location:

County/Area:	Curry
Longitude:	-103.22
Latitude:	34.60
Elevation:	4435 ft.
Soil Name:	Olton
Soil Texture:	clay loam
Soil Depth:	>60 in.

Test Design:

Replications:	3
Plot Length:	20 ft.
Rows per Plot:	2
Row Spacing:	30 in.
Seeding Rate:	27000 seeds/a

Management Practices:

Previous Crop:	fallow
Planting Date:	25-May
Harvest Date:	19-Sep

Production Inputs

	Rate	Date
Fertilizer:		
Nitrogen	54 lb/a	carryover
Nitrogen	200 lb/a	24-May
P_2O_5	50 lb/a	24-May
S	34 lb/a	24-May
Zn	1 lb/a	24-May
Herbicides:		
Parallel Plus	3 pt/a	26-May
Me-Too-Lachlor II	4 oz/a	26-May
Status	5 oz/a	29-Jun
Me-Too-Lachlor II	1 pt/a	29-Jun
Insecticides:		
Onager	12 oz/a	29-Jun
Oberon 4SC	7 oz/a	8-Aug
Prevathon	20 oz/a	8-Aug

Growing Conditions:

	Average Temp.	Precip.	Irrigation
	°F	in.	in.
January			
February			
March			
April	59.5	0.33	3.00
May	65.5	2.52	2.55
June	75.9	1.31	4.00
July	77.5	0.50	9.75
August	76.0	1.86	8.30
September†	69.0	1.41	1.25
October			
November			
December			

†Sept 1-19

Seasonal Precipitation	7.9 in.
Total Irrigation	28.9 in.

Date of Last Spring Frost:	16-Apr
Date of First Fall Frost:	7-Oct
Frost Free Period:	174 days

Table 6B. New Mexico 2012 Forage Corn Performance Test - Agricultural Science Center at Clovis

Results

Brand/Company Name	Hybrid/Variety Name	Dry Forage	Green Forage	Moisture at Harvest	CP	NDF	NDFD 48hr	Starch	Ash	TDN	NE_l	Milk/ Ton	Milk/ Acre
		t/a	t/a	%	%	%	%	%	%	%	Mcal/lb	lb/t	lb/a
Mycogen Seeds	TMF2L825	10.1	33.1	69.5	8.5	48.3	59.0	28.0	5.0	62.6	0.642	2919	29504
Triumph Seed Co.	TRX 11358 H	9.9	32.1	69.1	8.6	43.9	61.4	34.1	4.7	64.5	0.663	3075	30534
Triumph Seed Co.	TRX 21801 H	9.9	31.5	68.7	8.5	47.3	59.9	29.5	4.6	63.7	0.653	3001	29553
B-H Genetics	BH 9018 VTTP	9.5	28.6	66.7	9.6	46.6	61.1	28.5	5.2	64.2	0.659	3049	29057
Hoegemeyer Hybrid	8803 HX/LL/RR	9.4	27.6	65.8	8.9	44.5	60.8	32.8	4.2	65.1	0.669	3110	29354
B-H Genetics	X11139 RR	9.3	26.8	65.2	8.8	45.9	60.5	29.2	4.7	64.6	0.664	3075	28675
CPS Dyna-Gro	D58VP30	9.2	26.6	65.2	9.0	43.7	60.2	33.4	4.7	64.7	0.664	3075	28430
Triumph Seed Co.	1725 H	9.2	28.9	68.0	8.7	44.7	63.1	33.2	4.4	65.7	0.676	3173	29310
CPS Dyna-Gro	CX12117	9.2	28.7	68.0	8.9	45.1	61.5	31.0	4.4	65.2	0.670	3123	28765
B-H Genetics	BH 8933 VT3	9.2	30.7	70.0	9.3	45.5	57.9	30.1	5.3	62.5	0.640	2899	26694
Golden Acres Genetics	GAX 6156 RR	9.2	29.7	68.9	9.0	45.8	59.7	31.4	4.7	63.6	0.652	2992	27469
B-H Genetics	XP 8910 RR	9.2	29.0	68.4	9.5	44.9	61.3	29.7	5.1	64.7	0.664	3083	28264
B-H Genetics	XP 8977 RR/HX	9.1	28.7	68.1	8.7	46.0	63.8	32.0	4.2	65.9	0.678	3192	29211
Mycogen Seeds	TMF2L871	9.1	30.5	70.3	9.2	46.8	61.7	27.0	4.8	64.9	0.667	3104	28207
Hoegemeyer Hybrid	8389 HXT/LL/RR	8.8	26.2	66.4	9.5	45.6	60.2	29.6	4.7	64.5	0.662	3060	26802
Hoegemeyer Hybrid	EXP 1295 RW/RR/LL/LB	8.7	27.0	67.5	9.2	41.7	63.0	35.1	4.2	66.5	0.685	3232	28288
Hoegemeyer Hybrid	EXP 1296 HX/LL/RR	8.7	25.4	65.6	9.2	43.9	61.9	32.6	4.8	65.4	0.672	3143	27429
Golden Acres Genetics	GAG 8551	8.7	29.7	70.5	8.8	48.6	59.1	29.4	4.8	62.7	0.642	2923	25479
CPS Dyna-Gro	D56VP24	8.7	28.6	69.8	8.8	43.6	61.6	33.8	4.8	65.0	0.667	3108	26913
Hoegemeyer Hybrid	EXP 1294 RW/RR/LL/LB	8.6	25.9	66.7	8.9	41.2	62.0	37.0	4.2	66.1	0.681	3196	27536
Mycogen Seeds	F2F626	8.5	23.8	64.0	9.2	45.6	67.4	32.1	3.9	68.2	0.704	3390	28902
Hoegemeyer Hybrid	EXP 1186 HXT/LL/RR	8.3	25.1	66.8	9.0	43.5	61.6	32.5	4.7	65.4	0.672	3140	26224
Mycogen Seeds	F2F714	8.1	23.2	65.3	9.1	48.4	66.9	27.7	4.1	67.4	0.695	3327	26824
B-H Genetics	X11152 VTTP	7.9	26.4	70.0	9.2	44.3	62.2	32.6	4.7	65.3	0.672	3141	24890
	Trial Mean	9.0	28.1	67.7	9.0	45.2	61.6	31.3	4.6	64.9	0.667	3105	28013
	LSD	0.9	2.7	2.6	0.4	2.9	2.1	3.6	0.7	1.8	0.020	145	NS
	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	5.8	5.8	2.3	3.0	3.9	2.1	7.0	9.4	1.7	1.8	2.8	7.4
	F Test	0.0003	<0.0001	<0.0001	<0.0001	0.0001	<0.0001	<0.0001	0.0143	<0.0001	<0.0001	<0.0001	0.1881