FIELD EXPERIMENT HISTORY

Title: **Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot.**

Experiment: 01 Silage vs Grain **Trial ID:** 2908 **Year:** 2006

Personnel: J.G. Lauer, P.J. Flannery, and K.D. Kohn

Location: Arlington, WI **County:** Columbia

Supported By: HATCH

Site Information

Field: ARS413 **Previous Crop:** Corn **Soil Type:** Plano Silt Loam

Soil Test: **Date:** 10/15/06 **pH** 7.1 **OM (%)** 3.6 **P (ppm)** 37 **K (ppm)** 115

Plot Management

Tillage Operations: Chisel Plow Field Cultivator Soil Finisher Cultivated 6/14/06

		Analysis:	Rate lbs/A:	Date:
Fertilizer:	**Preplant :**	46-0-0	325 lbs	4 /20/06
	Starter :	9-23-30	150	4 /27/06
	Post plant :	N/A	N/A	N/A
	Manure:	N/A	N/A	N/A

Herbicide: Outlook 20 oz/A
Hornet 4.0 oz/A
Callisto 3.0 oz/A

Insecticide: Force 4.4 lb/A

Hybrid: See Factors

Irrigation: None

Planting Date: 4/27/06 **Planting Depth:** 1.5" **Row Width:** 30"

Target Plant Density: 30000 **plants per acre** **Planting Method:** Kinze Plot Planter

Harvest Date: S: 9/14/06
G: 10/17/06

Harvest Method: G: Massey Ferguson 8XP
S: NH 707 Plot Chopper

Experimental Design

Design: RCB **Replications:** 3

Plot Size Seeded: 25' x 20' **Experiment Size:** 0.21 A

Harvest Plot Size: G: 22' x 5'
S: 22' x 2.5'

Harvest Plant Density: 29964 **plants per acre**

Factors/Treatments:

Hybrids:

Croplan Genetics 566TS
Crows 4843X
Mycogen F2F566
NK Brand N49-E3
Pioneer 34A18
Pioneer 35F38

Results: Table C-10.

Table C-10. Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot. Arlington, WI - 2006

			Grain					Whole Plant												Milk 2006	
					Test	Broken	Grower			Kernel	KMR	SMR	VMR	Crude			In Vitro			Milk per	
Brand	Hybrid	Traits	Yield	Moist	weight	stalks	return	Yield	Moist	milk	0-5	0-5	0-10	protein	ADF	NDF	Digest	NDFD	Starch	Ton	Acre
			bu/A	%	lbs/bu	%	$/A	tons/A	%	%				%	%	%	%	%	%	lbs/T	lbs/A
Pioneer	35F38		189	24.8	53.5	16	564	8.9	64.1	43.3	2.2	2.8	5.0	6.8	21.6	42.1	80.5	53.6	36.5	3211	28476
Mycogen	F2F566	BMR	184	24.8	54.0	45	548	8.2	64.8	21.7	1.1	1.2	2.3	7.8	24.0	48.5	80.8	60.4	27.1	3156	25993
Pioneer	34A18	CB,CR,LL	199	26.6	52.1	17	584	9.3	66.5	61.7	3.1	3.2	6.3	7.4	24.5	47.4	78.9	55.5	28.4	3071	28690
Croplan Genetics	566TS	CB,CR,RR	181	23.9	55.1	10	542	8.7	65.7	31.7	1.6	2.3	3.9	7.5	22.9	46.2	79.5	55.5	29.9	3113	27129
Crows	4843X	CR,RR	183	22.7	55.4	25	552	8.4	69.4	50.0	2.5	3.1	5.6	7.7	25.5	48.1	76.5	51.1	27.6	2932	24592
NK Brand	N49E3	Leafy	195	26.4	53.1	22	575	8.6	65.5	41.7	2.1	2.0	4.1	7.7	24.0	46.6	79.2	55.3	28.8	3091	26543
Mean			189	24.9	53.9	22	561	8.7	66.0	41.7	2.1	2.4	4.5	7.5	23.8	46.5	79.2	55.3	29.7	3096	26904
Probability(%)																					
Hybrid (H)			94.9	74.3	21.8	36.1	98.9	92.7	0.1	0.0	0.0	0.0	0.0	14.3	3.7	3.3	0.3	0.0	0.5	1.2	83.0
LSD(0.10)																					
Hybrid (H)			NS	NS	NS	NS	NS	NS	1.4	10.1	0.5	0.4	0.8	NS	1.8	3.1	1.4	1.4	3.5	107	NS
CV(%)			14	14	3	87	15	15	1	17	17	12	12	6	5	4	1	2	8	2	16

FIELD EXPERIMENT HISTORY

Title: **Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot.**

Experiment: 01 Silage vs Grain **Trial ID:** 2909 **Year:** 2006

Personnel: J.G. Lauer, P.J. Flannery, and K.D. Kohn

Location: Galesville, WI **County:** Trempealeau

Supported By: HATCH

Site Information

Field: **Previous Crop:** Soybean **Soil Type:** Downs Silt Loam

Soil Test: **Date:** 10/15/06 **pH** 5.9 **OM (%)** 4 **P (ppm)** 25 **K (ppm)** 140

Plot Management

Tillage Operations: Zone Builder Cultivated 6/13/06

		Analysis:	Rate lbs/A:	Date:
Fertilizer:	**Preplant :**	N/A	N/A	N/A
	Starter :	9-23-30	150	4 /26/06
	Post plant :	28-0-0	40 gal/A	N/A
	Manure:	N/A	N/A	N/A

Herbicide: Cinch 2.0 pt/A
Callisto 3.0 oz/A

Insecticide: None

Hybrid: See Factors

Irrigation: None

Planting Date: 4/26/06 **Planting Depth:** 1.5" **Row Width:** 30"

Target Plant Density: 30000 **plants per acre** **Planting Method:** Kinze Plot Planter

Harvest Date: S: 9/15/06
G: 10/19/06

Harvest Method: G: Massey Ferguson 8XP
S: NH 707 Plot Chopper

Experimental Design

Design: RCB **Replications:** 3

Plot Size Seeded: 25' x 20' **Experiment Size:** 0.21 A

Harvest Plot Size: G: 22' x 5'
S: 22' x 2.5'

Harvest Plant Density: 30888 **plants per acre**

Factors/Treatments:

Hybrids:

Croplan Genetics 591CRWRR
Mycogen F2F444
NK Brand N49-E3
Pioneer 35Y61
Renk RK632RRYGPL
Renk RK669

Results: Table C-11.

Table C-11. Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot. Galesville, WI - 2006

			Grain					Whole Plant												Milk 2006	
					Test	Broken	Grower			Kernel	KMR	SMR	VMR	Crude			In Vitro			Milk per	
Brand	Hybrid	Traits	Yield	Moist	weight	stalks	return	Yield	Moist	milk	0-5	0-5	0-10	protein	ADF	NDF	Digest	NDFD	Starch	Ton	Acre
			bu/A	%	lbs/bu	%	$/A	tons/A	%	%				%	%	%	%	%	%	lbs/T	lbs/A
Renk	RK669		216	19.9	56.3	15	664	10.3	59.4	58.3	2.9	1.7	4.6	6.0	21.1	42.1	81.1	55.2	37.9	3253	33665
Mycogen	F2F444	BMR	174	21.6	59.3	1	529	8.4	62.7	45.0	2.3	2.5	4.8	7.3	20.7	43.5	83.9	62.9	32.4	3386	28471
Renk	RK632RRYGPL	CB,CR,RR	205	18.8	57.4	1	634	10.0	57.1	43.3	2.2	2.5	4.7	6.7	22.9	45.2	78.9	53.3	33.1	3098	30983
NK Brand	N49E3	Leafy	204	26.5	51.0	1	601	10.4	62.0	45.0	2.3	2.7	4.9	6.7	23.6	46.2	79.3	55.2	30.7	3110	32254
Croplan Genetics	591CRWRR	CR,RR	232	22.6	57.3	6	699	10.6	62.3	36.7	1.8	2.5	4.4	6.5	23.4	46.2	78.4	53.2	31.7	3061	32319
Pioneer	35Y61	CB,CR,LL,RR	223	23.5	55.0	0	669	10.5	61.9	58.3	2.9	2.4	5.3	6.1	23.6	45.3	79.6	55.0	31.9	3140	32854
Mean			209	22.1	56.1	4	632	10.0	60.9	47.8	2.4	2.4	4.8	6.6	22.5	44.8	80.2	55.8	32.9	3175	31758
Probability(%)																					
Hybrid (H)			0.0	0.0	0.0	0.2	0.0	1.4	0.3	13.3	13.3	0.1	56.4	1.8	23.5	38.7	0.1	0.0	5.8	0.6	25.7
LSD(0.10)																					
Hybrid (H)			11	0.3	1.1	5	32	0.9	2.1	NS	NS	0.3	NS	0.5	NS	NS	1.6	1.5	3.8	125	NS
CV(%)			4	1	1	86	4	6	2	22	22	8	13	6	8	6	1	2	8	3	8

FIELD EXPERIMENT HISTORY

Title: **Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot.**

Experiment: 01 Silage vs Grain **Trial ID:** 2910 **Year:** 2006

Personnel: J.G. Lauer, P.J. Flannery, and K.D. Kohn

Location: Lancaster, WI **County:** Grant

Supported By: HATCH

Site Information

Field: Sid's **Previous Crop:** Soybean **Soil Type:** Fayette Silt Loam

Soil Test: **Date:** 10/15/06 **pH** 7.5 **OM (%)** 2.9 **P (ppm)** 75 **K (ppm)** 104

Plot Management

Tillage Operations: Soil Finisher Cultivated 6/15/06

		Analysis:	Rate lbs/A:	Date:
Fertilizer:	**Preplant :**	46-0-0	350	5 /6 /06
	Starter :	9-23-30	150	5 /6 /06
	Post plant :	N/A	N/A	N/A
	Manure:	N/A	N/A	N/A

Herbicide: Harness 1.0 qt/A
Atrazine 4L 1.0 qt/A
Glyphosate 1.0 qt/A

Insecticide: None
Hybrid: See Factors

Irrigation: None

Planting Date: 5/16/06 **Planting Depth:** 1.5" **Row Width:** 30"

Target Plant Density: 30000 **plants per acre** **Planting Method:** Kinze Plot Planter

Harvest Date: S: 9/7/06
G: 10/12/06

Harvest Method: G: Massey Ferguson 8XP
S: NH 707 Plot Chopper

Experimental Design

Design: RCB **Replications:** 3

Plot Size Seeded: 25' x 20' **Experiment Size:** 0.21 A

Harvest Plot Size: G: 22' x 5'
S: 22' x 2.5'

Harvest Plant Density: 29964 **plants per acre**

Factors/Treatments:

Hybrids:

Croplan Genetics 566TS
Crows 4843X
Mycogen F2F566
NK Brand N49-E3
Pioneer 34A18
Pioneer 35F38

Results: Table C-12.

Table C-12. Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot. Lancaster, WI - 2006

			Grain					Whole Plant									
																Milk 2006	
					Test	Broken	Grower			Crude			In Vitro			Milk per	
Brand	Hybrid	Traits	Yield	Moist	weight	stalks	return	Yield	Moist	protein	ADF	NDF	Digest	NDFD	Starch	Ton	Acre
			bu/A	%	lbs/bu	%	$/A	tons/A	%	%	%	%	%	%	%	lbs/T	lbs/A
Pioneer	35F38		229	20.2	57.6	2	701	9.0	62.1	5.9	21.6	41.2	80.5	52.7	38.6	3213	29006
Mycogen	F2F566	BMR	161	24.2	55.4	22	480	7.8	66.0	7.1	23.0	45.8	82.8	62.5	30.5	3283	25653
Pioneer	34A18	CB,CR,LL	228	24.8	56.1	1	680	8.7	67.3	6.5	28.2	50.8	76.2	53.1	27.6	2872	25051
Croplan Genetics	566TS	CB,CR,RR	235	21.9	56.2	3	714	8.9	66.1	6.7	25.9	48.4	77.0	52.5	29.8	2943	26159
Crows	4843X	CR,RR	233	27.2	54.2	4	680	9.0	66.3	6.1	24.9	46.6	77.4	51.5	31.7	2987	26800
NK Brand	N49E3	Leafy	178	26.6	52.9	9	522	9.4	65.2	6.6	25.3	46.8	77.5	52.0	30.7	2990	28202
Mean			209	24.2	55.4	7	626	8.8	65.5	6.5	24.8	46.6	78.6	54.0	31.5	3048	26812
Probability(%)																	
Hybrid (H)			0.0	0.0	0.0	0.0	0.0	37.3	5.9	1.3	1.6	1.6	0.0	0.0	0.8	0.1	58.5
LSD(0.10)																	
Hybrid (H)			19	0.8	0.5	3	55	NS	2.6	0.5	2.7	3.8	1.9	1.9	4.0	138	NS
CV(%)			6	2	1	28	6	10	3	5	7	6	2	2	9	3	11

FIELD EXPERIMENT HISTORY

Title: **Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot.**

Experiment: 01 Silage vs Grain **Trial ID:** 2911 **Year:** 2006

Personnel: J.G. Lauer, P.J. Flannery, and K.D. Kohn

Location: Marshfield, WI **County:** Wood

Supported By: HATCH

Site Information

Field: W5 **Previous Crop:** Soybean **Soil Type:** Withee Silt Loam

Soil Test: **Date:** 10/15/06 **pH** 6.6 **OM (%)** 2.5 **P (ppm)** 39 **K (ppm)** 125

Plot Management

Tillage Operations: Chisel Plow Soil Finisher Cultivated 6/15/06

		Analysis:	Rate lbs/A:	Date:
Fertilizer:	**Preplant :**	N/A	N/A	N/A
	Starter :	9-23-30	150	5 /4 /06
	Post plant :	28-0-0	27 gal/A	6 /15/06
	Manure:	N/A	N/A	N/A

Herbicide: Hornet 2.4 oz/A
Atrazine 1.0 qt/A
Outlook 14 oz/A
Accent 0.67oz/A
Northstar 5.0 oz/A

Insecticide: None
Hybrid: See Factors

Irrigation: None

Planting Date: 5/4/06 **Planting Depth:** 1.5" **Row Width:** 30"

Target Plant Density: 30000 **plants per acre** **Planting Method:** Kinze Plot Planter

Harvest Date: S: 9/20/06
G: 10/20/06

Harvest Method: G: Massey Ferguson 8XP
S: NH 707 Plot Chopper

Experimental Design

Design: RCB **Replications:** 3

Plot Size Seeded: 25' x 20' **Experiment Size:** 0.21 A

Harvest Plot Size: G: 22' x 5'
S: 22' x 2.5'

Harvest Plant Density: 30888 **plants per acre**

Factors/Treatments:

Hybrids:

Brown Seed 4989RRLfy
Croplan Genetics 355TS
Golden Harvest H6466CBGT
Mycogen F2F485
Pioneer 38H65
Pioneer 38K46

Results: Table C-13.

Table C-13. Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot. Marshfield, WI - 2006

			Grain					Whole Plant												Milk 2006	
					Test	Broken	Grower			Kernel	KMR	SMR	VMR	Crude			In Vitro			Milk per	
Brand	Hybrid	Traits	Yield	Moist	weight	stalks	return	Yield	Moist	milk	0-5	0-5	0-10	protein	ADF	NDF	Digest	NDFD	Starch	Ton	Acre
			bu/A	%	lbs/bu	%	$/A	tons/A	%	%				%	%	%	%	%	%	lbs/T	lbs/A
Pioneer	38K46		164	30.1	50.6	1	471	6.2	58.0	31.7	1.6	2.7	4.3	8.1	15.7	36.7	85.9	61.4	40.1	3611	22448
Mycogen	F2F485	BMR	144	31.1	54.8	7	411	6.7	62.5	46.7	2.3	3.2	5.5	8.2	19.0	42.2	85.9	66.6	34.1	3567	23917
Croplan Genetics	355TS	CB,CR,RR	180	34.3	53.0	1	501	7.4	61.2	65.0	3.3	2.9	6.2	7.8	18.5	40.6	84.7	62.3	35.7	3517	25947
Golden Harvest	H6466CBGT	CB,LL,RR	165	25.2	54.8	0	488	6.6	56.5	30.0	1.5	2.5	4.0	7.8	18.6	41.4	82.8	58.5	36.0	3405	22537
Pioneer	38H65	CB,LL,RR	171	32.9	51.1	0	482	6.8	59.0	40.0	2.0	2.3	4.3	7.8	17.6	39.4	84.5	60.7	37.8	3516	24068
Brown Seed	4989RRLfy	Leafy,RR	134	36.6	51.8	2	366	6.2	66.3	68.3	3.4	3.2	6.6	7.4	22.8	46.8	81.7	60.9	28.6	3302	20356
Mean			160	31.7	52.7	2	453	6.7	60.6	46.9	2.3	2.8	5.2	7.8	18.7	41.2	84.3	61.7	35.4	3486	23212
Probability(%)																					
Hybrid (H)			0.0	0.0	0.0	0.2	0.0	5.8	0.0	0.0	0.0	5.8	0.0	8.0	0.7	1.5	0.5	0.0	1.7	0.9	6.0
LSD(0.10)																					
Hybrid (H)			11	1.5	0.8	2	32	0.6	2.1	8.0	0.4	0.5	0.8	0.5	2.4	3.9	1.7	1.4	4.6	123	2773
CV(%)			5	3	1	88	5	7	2	12	12	13	10	4	9	6	1	2	9	2	8

FIELD EXPERIMENT HISTORY

Title: **Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot.**

Experiment: 01 Silage vs Grain **Trial ID:** 2912 **Year:** 2006

Personnel: J.G. Lauer, P.J. Flannery, and K.D. Kohn

Location: Rhinelander, WI **County:** Oneida

Supported By: HATCH

Site Information

Field: **Previous Crop:** Potato **Soil Type:** Vilas Loamy Sand

Soil Test: **Date:** 10/15/06 **pH** 5.8 **OM (%)** 2.3 **P (ppm)** 311 **K (ppm)** 127

Plot Management

Tillage Operations: Offset Disk Vibra Shank

		Analysis:	Rate lbs/A:	Date:
Fertilizer:	**Preplant :**	46-0-0	325 lbs	5 /10/06
	Starter :	9-23-30	150	5 /18/06
	Post plant :	46-0-0	185 lbs/A	N/A
	Manure:	N/A	N/A	N/A

Herbicide: Lumax 2.5 qts/A **Insecticide:** None

Irrigation: 5.17" **Hybrid:** See Factors

Planting Date: 5/18/06 **Planting Depth:** 1.5" **Row Width:** 30"

Target Plant Density: 30000 **plants per acre** **Planting Method:** Kinze Plot Planter

Harvest Date: S: 9/26/06
G: 11/1/06

Harvest Method: G: Massey Ferguson 8XP
S: NH 707 Plot Chopper

Experimental Design

Design: RCB **Replications:** 2

Plot Size Seeded: 25' x 20' **Experiment Size:** 0.18 A

Harvest Plot Size: G: 22' x 5'
S: 22' x 2.5'

Harvest Plant Density: 28776 **plants per acre**

Factors/Treatments:

Hybrids:

Carharts Blue Top CR6585RR
Kussmaul SB2983RRYGPlus
Mycogen F2F485
NK Brand N27-W8
NK Brand N33H6
Pioneer 38K46

Results: Table C-14.

Table C-14. Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot. Rhinelander, WI - 2006

			Grain					Whole Plant												Milk 2006	
					Test	Broken	Grower			Kernel	KMR	SMR	VMR	Crude			In Vitro			Milk per	
Brand	Hybrid	Traits	Yield	Moist	weight	stalks	return	Yield	Moist	milk	0-5	0-5	0-10	protein	ADF	NDF	Digest	NDFD	Starch	Ton	Acre
			bu/A	%	lbs/bu	%	$/A	tons/A	%	%				%	%	%	%	%	%	lbs/T	lbs/A
Pioneer	38K46		172	23.2	49.4	3	518	6.9	64.6	35.0	1.8	1.6	3.4	7.3	23.6	46.6	79.7	56.4	32.7	3151	21781
Mycogen	F2F485	BMR	94	30.2	49.8	1	268	6.5	70.4	65.0	3.3	1.8	5.0	7.6	27.8	54.7	81.0	65.2	23.1	3137	20317
Kussmaul	SB2983RRYGPlus	CB,CR,RR	178	23.2	50.0	1	534	8.1	63.9	75.0	3.8	2.2	6.0	7.4	23.5	46.1	80.3	57.2	32.7	3187	25831
NK Brand	N27W8	CB,LL	214	23.1	51.5	0	645	8.9	66.0	50.0	2.5	2.4	4.9	6.4	24.9	47.6	78.5	54.9	31.8	3084	27457
NK Brand	N33H6	Leafy	146	26.1	47.0	1	432	7.8	68.2	85.0	4.3	2.0	6.3	8.1	26.1	50.5	78.0	56.5	26.1	3021	23647
Carharts Blue Top	CR6585RR	RR	195	23.2	50.8	0	587	7.5	67.3	60.0	3.0	2.0	5.0	8.1	23.4	47.2	80.5	58.6	29.1	3186	24003
Mean			167	24.8	49.7	1	497	7.6	66.7	61.7	3.1	2.0	5.1	7.5	24.9	48.8	79.6	58.1	29.2	3128	23839
Probability(%)																					
Hybrid (H)			0.2	0.0	0.8	38.7	0.2	4.5	6.8	0.3	0.3	47.9	1.4	9.3	70.2	49.1	75.3	0.1	24.9	89.2	15.8
LSD(0.10)																					
Hybrid (H)			26	1.1	1.3	NS	75	0.8	3.3	11.6	0.6	NS	0.9	0.9	NS	NS	NS	1.7	NS	NS	NS
CV(%)			8	2	1	124	8	7	2	9	9	20	9	6	13	9	3	1	14	5	10

FIELD EXPERIMENT HISTORY

Title: **Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot.**

Experiment: 01 Silage vs Grain **Trial ID:** 2913 **Year:** 2006

Personnel: J.G. Lauer, P.J. Flannery, and K.D. Kohn

Location: Valders, WI **County:** Manitowoc

Supported By: HATCH

Site Information

Field: **Previous Crop:** Corn **Soil Type:** Kewaunee Clay Loam

Soil Test: **Date:** 10/15/06 **pH** 6.9 **OM (%)** 2.6 **P (ppm)** 51 **K (ppm)** 90

Plot Management

Tillage Operations: Chisel Plow Field Cultivator Cultivated 6/21/06

		Analysis:	Rate lbs/A:	Date:
Fertilizer:	**Preplant :**	N/A	N/A	N/A
	Starter :	9-23-30	150	5 /5 /06
	Post plant :	34-0-0	150 lbs/A	6 /21/
	Manure:	Dairy	12000 gal/A	Fall

Herbicide: Dual II Mag 0.75 pt/A
Accent Gold WDG 2.5 oz/A
Callisto 1.5 oz/A
Atrazine 0.25 lb/A

Insecticide: Force 4.4 lb/A
Hybrid: See Factors

Irrigation: None

Planting Date: 5/5/06 **Planting Depth:** 1.5" **Row Width:** 30"

Target Plant Density: 30000 **plants per acre** **Planting Method:** Kinze Plot Planter

Harvest Date: S: 9/21/06
G: 10/25/06

Harvest Method: G: Massey Ferguson 8XP
S: NH 707 Plot Chopper

Experimental Design

Design: RCB **Replications:** 3

Plot Size Seeded: 25' x 20' **Experiment Size:** 0.21 A

Harvest Plot Size: G: 22' x 5'
S: 22' x 2.5'

Harvest Plant Density: 29700 **plants per acre**

Factors/Treatments:

Hybrids:

Brown Seed 4989RRLfy
Croplan Genetics 355TS
Golden Harvest H6466CBGT
Mycogen F2F485
Pioneer 38H65
Pioneer 38K46

Results: Table C-15.

Table C-15. Corn Silage and Grain Evaluation of Hybrids Grown in the Same Plot. Valders, WI - 2006

			Grain					Whole Plant												Milk 2006	
					Test	Broken	Grower			Kernel	KMR	SMR	VMR	Crude			In Vitro			Milk per	
Brand	Hybrid	Traits	Yield	Moist	weight	stalks	return	Yield	Moist	milk	0-5	0-5	0-10	protein	ADF	NDF	Digest	NDFD	Starch	Ton	Acre
			bu/A	%	lbs/bu	%	$/A	tons/A	%	%				%	%	%	%	%	%	lbs/T	lbs/A
Pioneer	38K46		202	22.6	52.3	0	611	8.3	51.7	28.3	1.4	1.7	3.1	6.1	18.2	38.8	83.3	57.1	40.3	3432	28557
Mycogen	F2F485	BMR	153	27.3	55.8	0	449	7.9	56.9	18.3	0.9	2.3	3.2	7.1	19.1	41.1	85.3	64.1	34.8	3515	27836
Croplan Genetics	355TS	CB,CR,RR	213	24.4	55.0	0	634	8.6	55.5	41.7	2.1	1.8	3.9	6.6	20.7	43.4	82.1	58.8	35.2	3322	28430
Golden Harvest	H6466CBGT	CB,LL,RR	180	20.3	55.7	1	550	8.1	49.2	16.7	0.8	1.4	2.2	6.8	19.3	41.4	82.1	56.7	36.5	3336	27058
Pioneer	38H65	CB,LL,RR	208	25.7	52.3	0	615	8.2	54.9	33.3	1.7	2.2	3.9	6.6	18.7	39.8	83.1	57.6	38.1	3409	28002
Brown Seed	4989RRLfy	Leafy,RR	175	28.9	52.1	3	506	8.7	53.9	40.0	2.0	1.7	3.7	6.2	21.8	43.9	80.5	55.6	34.4	3227	28101
Mean			189	24.9	53.9	1	561	8.3	53.7	29.7	1.5	1.9	3.3	6.6	19.7	41.4	82.7	58.3	36.5	3373	27997
Probability(%)																					
Hybrid (H)			0.0	0.0	0.0	11.8	0.0	49.0	0.1	0.6	0.6	9.0	1.3	0.2	4.5	6.5	0.3	0.0	2.7	1.0	95.4
LSD(0.10)																					
Hybrid (H)			13	1.8	1.0	NS	35	NS	2.4	11.0	0.5	0.6	0.7	0.3	1.9	3.0	1.5	1.8	2.9	109	NS
CV(%)			5	5	1	188	4	6	3	25	25	20	15	3	7	5	1	2	5	2	7