

2013 Cornell Corn Silage Variety Results

From Bill Cox, Cornell University

Aurora, NY, 2013									
Brand/ Company	Hybrid	Silage		30 hour			Milk2006	Milk2006 Milk Yield	
		Yield tons @65	Moisture %DM	NDF %DM	NDFD %	CP %DM	Starch %DM	Milk/ton lbs/ton	Milk Yield lbs/acre
95-100-d RM									
Doebler's	471XY	25.7	65.1	35.6	59.0	7.4	41.6	3657	32879
Mycogen	TMF2Q427	24.8	65.9	38.4	59.6	7.8	38.0	3614	31354
Channel	197-68STX	25.1	66.6	38.4	58.3	7.4	36.4	3563	31293
Wolf River Valley Seeds	WRV2702L	24.3	66.7	38.9	61.9	7.5	37.5	3637	31003
Dyna-Gro	D39QN29	24.3	68.0	36.9	58.6	7.8	37.1	3636	30950
KingsAgriseed	MC-4880	24.7	64.7	36.3	55.9	7.2	39.5	3574	30849
Mycogen	TMF2L538	26.0	69.4	45.0	59.9	6.8	29.1	3347	30635
Hubner Seeds	H5297RC3P	24.6	66.9	36.8	56.1	7.5	39.0	3526	30401
Monsanto	DKC46-20	24.6	65.7	39.7	57.9	7.7	36.2	3526	30387
Dyna-Gro	D405509	23.9	66.5	37.2	56.8	7.6	38.7	3562	29756
Hubner Seeds	H5151RC3P	23.1	64.6	34.0	57.5	7.5	42.5	3656	29553
Doebler's	455GRV	23.6	66.6	40.9	58.4	7.0	34.5	3490	28810
Monsanto	DKC49-29	21.9	66.6	36.8	57.2	7.6	38.6	3573	27353
Channel	195-58STX	21.9	65.8	37.8	56.9	7.4	39.3	3551	27195
HHG	43HF13	21.8	70.5	44.0	57.8	7.8	31.9	3385	25861
Doebler's	468AMX	19.7	66.1	36.1	60.9	7.1	40.7	3671	25220
HHG	39F13	20.6	69.0	45.7	59.2	7.1	28.6	3340	24127
Average		23.6	66.7	38.7	58.3	7.4	37.0	3547	29272

**101-105-d
RM**

Hubner Seeds	H5222 VT3	29.2	63.9	38.8	57.4	6.8	38.3	3530	36008
Dairyland	HIIDF 3702-9	26.5	66.0	37.7	59.2	7.0	38.5	3610	33489
KingsAgriseed	MC-5250	25.9	66.5	39.8	58.7	6.7	36.8	3528	31962
TA Seeds	TA545-33	25.5	64.8	39.3	59.1	6.8	37.7	3555	31636
Channel	203-44STX	24.2	65.4	35.5	57.8	7.4	40.1	3649	30923
Doebler's	554GRQ	24.3	65.2	37.5	60.0	6.7	39.7	3622	30684
Syngenta	NK53W-3000GT	24.9	65.7	40.5	56.5	6.8	34.5	3463	30122
Syngenta	NK45P-3110A	23.2	64.4	39.0	57.5	7.5	36.4	3537	28752
Monsanto	DKC53-56	22.7	64.1	36.2	57.2	7.4	40.2	3619	28743
TA Seeds	TA550-20ND	23.0	67.1	42.3	56.1	6.9	34.5	3425	27469
TA Seeds	TA514-28	22.2	66.6	39.0	56.4	7.7	36.5	3512	27358
HHG	43HF13	19.5	69.4	45.4	58.3	7.1	29.7	3362	22885
Average		24.3	65.8	39.2	57.8	7.1	36.9	3534	30003

Aurora, NY, 2013 (page 2)

Brand/ Company	Hybrid	Silage		30 hour			Milk2006	Milk2006	
		Yield tons @65	Moisture %DM	NDF %DM	NDFD %	CP %DM	Starch %DM	Milk/ton lbs/ton	Milk Yield lbs/acre
106 to 110-d RM									
FS InVISION	FS 5667GT3	27.3	63.1	36.2	59.4	6.8	42.2	3654	34893
Hubner Seeds	H5333 RC3P	27.1	66.1	39.4	59.4	7.8	36.8	3578	33996
Hubner Seeds	H5420RC3P	27.5	66.3	39.4	54.5	7.3	36.6	3456	33300
Doebler's	647AMI	25.4	66.1	37.6	58.7	7.2	38.1	3608	32059
Doebler's	604HRQ	26.7	65.3	40.5	54.8	6.7	35.2	3376	31552
Monsanto	DKC57-75	25.2	65.6	37.0	56.0	6.9	39.9	3566	31424
Monsanto	DKC58-83	25.4	63.8	39.5	56.7	7.3	36.7	3497	31098
TA Seeds	TA108-18	26.5	67.4	42.6	54.1	7.1	32.9	3328	30807
Channel	207-13VT3P	25.4	64.8	40.8	54.7	6.9	36.2	3428	30505
Mycogen	TMF2R720	26.4	68.0	44.9	55.0	6.7	30.4	3286	30272
Pioneer	PO993AMI	24.4	66.4	40.3	58.8	7.0	35.9	3502	29926
Channel	210-95STX	23.8	64.8	40.1	59.4	6.6	37.7	3568	29685
Pioneer	P0216	23.7	66.1	37.5	57.0	7.1	38.5	3563	29631
Mycogen	TMF2H699	25.1	67.1	46.6	56.8	6.6	30.2	3308	29001
TA Seeds	TA614-22DP	24.4	65.2	40.6	53.1	6.7	36.3	3388	28928
Mycogen	F2F627	22.1	68.4	41.9	67.9	7.0	33.8	3727	28785
Average		25.4	65.9	40.3	57.3	7.0	36.1	3489	30991

**111-114-d
RM**

Channel	214-14VT3P	27.2	65.2	40.6	56.0	7.2	36.4	3485	33115
Monsanto	DKC61-88	27.4	64.6	39.0	52.8	6.7	37.1	3434	32867
TA Seeds	TA657-13 VP	27.1	65.7	40.2	53.9	6.8	37.1	3447	32616
Dyna-Gro	D53VC13	25.1	65.8	39.7	57.1	7.3	36.0	3518	31011
Pioneer	P1449XR	24.3	69.4	43.0	61.9	7.4	29.9	3431	29062
Average		26.2	66.1	40.5	56.3	7.1	35.3	3463	31734
LSD 0.10		3.60	2.31	2.95	2.58	0.49	3.24	116	4526
Overall Mean		24.7	66.2	39.6	57.6	7.2	36.5	3514	30331

Groveland Station, NY, 2013

Brand/ Company	Hybrid	Silage		30 hour			Starch	Milk2006	Milk2006
		Yield tons @65	Moisture %DM	NDF %DM	NDFD %	CP %DM		Milk/ton lbs/ton	Milk Yield lbs/acre
95 to 100-d RM									
Doebler's	455GRV	30.5	63.4	38.3	54.5	8.6	36.2	3474	37007
Mycogen	TMF2Q413	30.2	64.6	39.5	55.9	8.4	34.5	3460	36685
Mycogen	TMF2Q427	28.7	64.3	39.3	55.6	8.9	34.4	3477	35026
Dairyland	HiDF 3197-7	28.9	65.9	42.0	55.2	8.4	32.2	3358	34022
Mycogen	TMF2L538	28.2	67.1	41.1	55.4	8.7	32.0	3404	33580
KingsAgriseed	MC-4880	25.8	64.3	37.7	54.0	8.3	36.4	3472	31383
Hubner Seeds	H5151RC3P	25.3	64.5	38.2	53.9	8.9	35.5	3426	30350
Monsanto	DKC46-20	25.0	63.2	38.9	56.4	9.4	34.5	3457	30252
Channel	197-68STX	24.7	64.1	40.6	56.5	8.2	34.6	3447	29790
HHG	43HF13	24.7	67.4	42.3	56.5	8.9	29.4	3348	28940
Doebler's	471XY	24.4	63.2	39.8	50.8	8.5	32.7	3232	27588
Monsanto	DKC49-29	23.0	65.3	39.7	53.4	9.2	31.9	3320	26710
Hubner Seeds	H5297RC3P	22.6	65.1	39.5	52.8	8.1	34.4	3365	26607
Doebler's	468AMX	22.5	64.1	39.3	52.1	8.3	34.7	3348	26479
HHG	39F13	22.6	65.5	43.7	57.5	9.3	29.0	3349	26450
KingsAgriseed	MCT-4564	24.3	63.1	38.5	51.4	9.0	34.8	3356	25537
Channel	195-58STX	21.3	65.6	39.3	54.5	9.3	35.0	3445	23607
Average		25.5	64.7	39.9	54.5	8.7	33.6	3396	30001

**101-105-d
RM**

Syngenta	Garst 86 T-823122	28.7	64.9	39.3	56.5	8.3	33.9	3470	34810
TA Seeds	TA545-33	28.5	63.8	40.3	55.9	7.9	33.7	3401	33989
Dairyland	HliDF 3702-9	27.5	66.3	38.8	57.2	8.3	36.5	3503	33697
Syngenta	NK45P-3110A	28.2	64.3	40.4	55.0	8.4	33.3	3404	33582
Doebler's	554GRQ	27.6	64.3	38.8	54.8	8.3	34.8	3461	33437
Syngenta	NK53W-3000GT	28.4	66.5	41.4	54.6	8.3	31.3	3349	33372
TA Seeds	TA550-20ND	27.7	69.6	41.6	54.4	9.6	31.2	3391	32975
Channel	203-44STX	27.4	66.2	40.1	54.5	8.1	34.9	3423	32888
Dyna-Gro	D45Q50	27.1	67.0	42.5	53.7	8.1	31.8	3309	31414
HHG	43HF13	26.1	67.4	42.9	57.5	8.9	29.8	3397	31048
Hubner Seeds	H5222 VT3	25.6	66.7	40.0	55.3	8.2	35.1	3417	30717
TA Seeds	TA514-28	24.3	65.0	40.4	57.0	8.8	34.5	3466	29544
Monsanto	DKC53-56	24.0	64.6	40.4	58.0	8.4	34.0	3492	29270
KingsAgriseed	MC-5250	24.2	68.2	40.3	56.9	8.0	34.3	3446	29190
Average		26.8	66.0	40.5	55.8	8.4	33.5	3423	32138

Groveland Station, NY, 2013 (page 2)

Brand/ Company	Hybrid	Silage		30 hour				Milk2006	Milk2006
		Yield tons @65	Moisture %DM	NDF %DM	dNDF %	CP %DM	Starch %DM	Milk/ton lbs/ton	Milk Yield lbs/acre
106 to 110-d RM									
Mycogen	TMF2R720	32.8	67.9	44.7	53.2	8.5	29.0	3250	37390
Channel	207-13VT3P	30.9	66.2	40.9	52.5	8.3	32.9	3337	36009
Channel	210-95STX	29.7	66.1	41.3	54.4	8.4	32.6	3385	35190
Pioneer	P0216	27.7	67.3	38.5	57.5	8.9	34.4	3505	33966
Hubner Seeds	H5420RC3P	29.0	66.0	41.5	52.9	8.4	31.7	3339	33923
Wolf River Valley Seeds	WRV2114L	29.8	67.4	45.9	54.9	8.7	28.9	3240	33852
Mycogen	TMF2H699	29.7	67.3	48.0	56.2	8.1	26.5	3218	33452
Pioneer	P0993AM1	28.7	68.1	41.4	54.4	8.2	31.4	3317	33329
FS InVISION	FS 5667GT3	27.9	65.2	40.2	53.9	8.0	33.5	3387	33103
Hubner Seeds	H5333 RC3P	27.5	66.0	40.1	56.1	8.3	32.9	3438	33048
Doebler's	604HRQ	28.8	67.8	39.3	52.3	8.7	32.2	3273	32940
TA Seeds	TA614-22DP	27.5	64.9	41.3	52.4	8.2	32.8	3320	32012
KingsAgriseed	MCT-5663	27.2	67.2	41.4	53.6	7.9	33.2	3337	31724
Dyna-Gro	D50VN10	28.0	69.2	40.5	51.4	8.8	30.3	3225	31486
TA Seeds	TA108-18	27.3	68.9	43.0	52.6	8.0	30.9	3283	31453
Doebler's	647AMI	26.0	67.3	39.2	54.3	8.4	34.0	3411	31022
Monsanto	DKC58-83	25.7	65.3	41.4	54.7	8.3	33.1	3366	30223
Monsanto	DKC57-75	24.6	67.3	40.3	55.5	8.3	34.9	3435	29551
Mycogen	F2F627	24.0	67.8	46.0	62.4	8.6	27.5	3451	28994
Average		28.0	67.0	41.8	54.5	8.4	31.7	3343	32772

111 to 114-d RM

Monsanto	DKC61-88	33.6	66.4	40.5	52.4	8.5	34.3	3353	39445
TA Seeds	TA683-13VP	32.0	66.4	42.3	54.3	8.4	32.9	3334	37367
Channel	214-14VT3P	29.9	68.0	42.1	53.0	8.9	30.5	3312	34586
Pioneer	P1449XR	27.5	69.4	39.6	61.0	8.6	31.4	3491	33656
TA Seeds	TA657-13 VP	28.2	67.9	42.0	53.7	8.9	32.0	3356	33044
	Average	30.2	67.6	41.3	54.9	8.7	32.2	3369	35619
	LSD 0.10	2.63	1.39	2.29	2.39	0.47	2.37	121	3716
	Overall Mean	27.1	66.1	40.8	54.9	8.5	32.8	3382	32013

Madrid, NY, 2013

Brand/ Company	Hybrid	Silage		30 hour			Starch	Milk2006	Milk2006
		Yield tons @65	Moisture %DM	NDF %DM	NDFD %	CP %DM		Milk/ton lbs/ton	Milk Yield lbs/acre
84-90-d RM									
Doebler's	287GRQ	26.7	63.3	43.9	49.6	8.6	29.6	3276	30731
KingsAgriseed	MC-4050	26.6	65.8	44.6	49.8	8.5	30.9	3242	30218
HHG	27A13	23.5	64.3	46.8	57.4	8.3	28.3	3410	28114
FS InVISION	FS 40R30SS	24.1	64.7	44.3	51.6	8.4	30.8	3324	28066
Doebler's	327GRB	24.5	66.6	44.8	49.7	7.8	30.1	3223	27668
TA Seeds	TA304-02ND	23.6	65.0	45.7	52.9	8.9	28.7	3291	27206
Syngenta	N19L-3011 A	23.7	62.9	45.0	50.8	9.0	28.8	3282	27195
KingsAgriseed	MC-480	23.6	64.6	44.7	49.0	8.5	29.9	3225	26699
Wolf River Valley Seeds	WRV2387	22.1	64.1	48.0	56.8	8.8	26.9	3381	26173
Monsanto	DKC38-04	23.6	65.5	47.0	50.2	8.9	25.1	3118	25863
Hubner Seeds	H5080RC3P	22.0	64.8	46.2	50.7	9.2	26.9	3206	24673
Monsanto	DKC39-07	24.0	65.9	48.2	47.1	8.3	23.4	2914	24519
Average		24.0	64.8	45.8	51.3	8.6	28.3	3241	27260

91-95-d RM									
Wolf River Valley Seeds	WRV3396 FL	27.6	66.0	49.7	56.3	8.4	27.7	3299	31909
Pioneer	P9917AMX	26.4	63.8	43.7	52.5	8.0	31.6	3363	31060
Mycogen	TMF2L418	26.5	67.4	47.6	55.6	8.7	27.9	3339	30998
Doebler's	455GRV	27.4	66.6	49.7	50.5	7.2	27.5	3120	29919
Monsanto	DKC43-48	25.5	65.9	46.2	50.6	7.8	28.4	3218	28788
Monsanto	DKC43-10	24.3	65.8	46.1	53.2	8.6	28.2	3292	28014
Hubner Seeds	H5151RC3P	24.4	65.6	46.1	50.9	8.4	26.6	3217	27399
TA Seeds	TA333-28	24.0	64.5	46.4	52.0	8.7	27.1	3215	27019
Hubner Seeds	H4157RC2P	24.3	66.7	47.0	50.3	8.2	26.1	3146	26805
Hubner Seeds	H6040RCSS	24.4	66.6	49.8	50.4	8.4	27.5	3100	26501
Doebler's	428AMX	21.9	65.2	48.5	49.2	8.3	23.3	2950	22674
Average		25.2	65.8	47.3	52.0	8.3	27.4	3205	28280
96-102-d RM									
Mycogen	TMF2Q413	32.1	66.4	51.0	53.3	7.5	28.3	3160	35534
Mycogen	TMF2Q427	28.3	66.3	48.4	56.0	8.1	29.0	3339	33038
Monsanto	DKC46-20	28.1	64.7	44.6	52.8	8.6	29.5	3322	32670
Pioneer	P0533AMI	27.8	64.8	46.6	55.2	7.7	29.8	3334	32338
FS InVISION	FS 46R26SS	27.6	67.3	46.7	54.3	7.9	28.5	3321	32098
Hubner Seeds	H5297RC3P	28.3	67.9	46.1	49.9	7.9	28.1	3186	31575
KingsAgriseed	MC-5250	28.2	67.4	49.4	49.7	8.1	25.6	3100	30559
Doebler's	471XY	26.5	66.7	46.2	52.9	8.0	26.7	3244	30178
HHG	43HF13	25.6	70.3	49.4	55.5	8.2	25.1	3242	29094
Monsanto	DKC49-29	26.0	67.9	47.0	50.6	8.5	27.1	3183	29061
HHG	39F13	24.6	67.6	46.1	55.7	8.8	28.3	3361	28931
TA Seeds	TA484-28	26.4	67.5	48.6	50.5	8.3	25.8	3123	28838
FS InVISION	FS 4939VT3P	23.9	66.2	45.4	53.8	8.1	28.2	3292	27532
Doebler's	468AMX	24.7	67.0	50.2	51.2	7.8	26.8	3101	26774
Average		27.0	67.0	47.6	53.0	8.1	27.6	3236	30587
LSD 0.10		2.16	1.16	2.97	2.45	0.58	3.10	147	2984
Overall Mean		25.5	65.9	46.9	52.1	8.3	27.8	3228	28822

Sackets Harbor, NY, 2013

Brand/ Company	Hybrid	Silage		30 hour			Milk2006	Milk2006	
		Yield tons @65	Moisture %DM	NDF %DM	NDFD %	CP %DM	Starch %DM	Milk/ton lbs/ton	Milk Yield lbs/acre
84-90-d RM									
KingsAgriseed	MC-4050	26.6	56.3	38.5	50.1	8.4	34.4	3406	31631
KingsAgriseed	MC-480	25.3	52.2	40.1	52.8	8.1	35.6	3484	30876
Doebler's	327GRB	25.0	53.6	38.7	51.3	8.6	34.8	3440	30176
TA Seeds	TA304-02ND	25.8	58.8	42.2	51.3	8.9	29.0	3286	29623
Wolf River Valley Seeds	WRV2387	24.9	55.8	45.4	54.3	8.2	29.3	3350	29142
HHG	27A13	23.4	53.9	43.4	56.3	8.3	32.0	3490	28668
FS InVISION	FS 40R30SS	24.6	59.3	43.4	52.6	8.3	29.5	3319	28544
Monsanto	DKC39-07	24.8	57.2	43.0	50.3	8.1	29.8	3226	28062
Doebler's	287GRQ	24.9	54.0	44.1	49.2	7.7	29.6	3159	27670
Hubner Seeds	H5080RC3P	21.6	57.3	42.5	51.8	8.3	30.6	3301	24975
Monsanto	DKC38-04	22.9	57.4	43.7	47.0	8.3	29.1	3132	24968
Average		24.5	56.0	42.3	51.6	8.3	31.2	3326	28576
91-95-d RM									
Doebler's	455GRV	27.2	55.2	42.0	51.2	7.9	33.4	3360	32008
Mycogen	TMF2L418	26.1	56.1	43.9	52.2	8.2	30.4	3349	30545
KingsAgriseed	MCT-4564	25.5	55.2	41.0	50.8	8.5	33.8	3386	30175
Wolf River Valley Seeds	WRV3396 FL	25.5	56.6	44.5	54.5	7.8	30.3	3372	30123
Hubner Seeds	H5151RC3P	25.7	56.9	41.6	49.9	8.3	31.3	3281	29484
Pioneer	P9917AMX	24.7	54.4	41.3	52.8	8.4	32.4	3404	29413
Hubner Seeds	H6040RCSS	24.4	59.6	42.1	50.6	8.0	31.6	3297	28147
Hubner Seeds	H4157RC2P	24.5	59.1	43.5	49.8	7.9	29.0	3200	27401
Monsanto	DKC43-48	23.5	58.3	42.1	50.3	8.0	32.0	3327	27354
TA Seeds	TA333-28	24.1	58.0	44.8	49.4	8.1	28.3	3137	26512
Monsanto	DKC43-10	22.0	58.3	43.2	50.8	8.0	30.9	3313	25554

Doebler's	428AMX	22.4	56.0	42.1	49.5	8.1	30.7	3244	25466
Average		24.6	57.0	42.7	51.0	8.1	31.2	3306	28515
96-105-d RM									
HHG	43HF13	28.4	61.1	43.4	57.3	8.2	31.7	3483	34581
KingsAgriseed	MC-5250	29.0	59.8	43.7	53.2	7.5	31.5	3353	33875
Syngenta	Garst 86 T- 823122	29.1	60.3	45.4	53.4	6.8	29.6	3307	33709
HHG	39F13	27.7	59.0	44.8	54.3	8.4	29.5	3363	32614
Doebler's	471XY	27.1	57.2	40.8	53.6	8.2	32.2	3402	32325
Pioneer	P0533AMI	26.1	55.0	40.2	56.0	7.9	34.7	3540	32283
FS InVISION	FS 46R26SS	26.4	59.8	41.8	54.2	7.9	32.4	3434	31775
Dairyland	HiDF 3197-7	26.6	59.7	46.4	53.4	7.7	28.2	3270	30501
Wolf River Valley Seeds	WRV2702L	27.1	58.2	46.4	51.4	7.7	27.5	3216	30437
Monsanto	DKC46-20	26.0	57.4	43.0	52.1	7.9	32.6	3322	30210
Doebler's	468AMX	25.3	57.0	41.3	51.9	8.2	33.1	3371	29935
KingsAgriseed	MC-4880	25.2	56.5	41.0	51.1	7.7	34.0	3392	29890
Hubner Seeds	H5297RC3P	24.8	60.2	43.2	50.1	7.6	31.1	3281	28528
TA Seeds	TA484-28	23.8	59.0	43.0	51.3	8.2	29.8	3276	27303
FS InVISION	FS 4939VT3P	21.9	58.2	39.7	53.6	8.8	33.1	3462	26535
Monsanto	DKC49-29	23.3	59.6	42.8	47.9	7.8	30.1	3180	25866
Average		26.1	58.6	42.9	52.8	7.9	31.3	3353	30648
LSD 0.10		2.68	2.70	2.67	2.76	0.65	3.19	163	3433
Overall Mean		25.2	57.4	42.7	51.9	8.1	31.3	3331	29407