Silage Test Results

Summary of Evaluations of Corn Hybrids for Silage: Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2014

Company or Brand Name	Hybrid Name	Quality Factors[1] Milk Production[2] lbs/ton DM	Milk Production[2] lbs/acre	Grain Portion	Dry Matter Yield Statewide Average	Blairsville	Calhoun	Griffin	Tifton
				%	---------- tons/acre ----------				
Short -Season									
Croplan Genetics	7087 VT3P	3724	35591	55	.	13.3	7.8	.	9.7
DeKalb	DKC61-79	3687	31995	57	8.1	11.1	5.5	6.6	9.1
DeKalb	DKC64-69	3641	38935	53	9.5	10.5	9.0	8.5	10.1
Dyna-Gro	D55GT73	3654	**42541**	56	10.3	11.0	9.8	8.6	11.7
Dyna-Gro	D55QC73	3705	40179	52	.	.	7.8	8.4	11.4
MC	EXP 600M	3798	34981	55	9.1	11.1	7.7	8.3	9.2
MC	MCT-630GT	3582	35232	55	10.2	12.7	10.3	7.3	10.3
MC	MCT-6583	3574	36796	56	.	.	.	7.8	10.3
Mycogen	TMF2H747	3784	**44569**	57	9.3	11.3	7.1	7.4	11.6
Mycogen	TMF2R737	3625	38777	50	10.4	12.6	8.9	9.1	11.0
Pioneer	P1319HR	3637	39472	57	10.1	12.9	7.6	8.6	11.2
T. A. Seeds	TA744-22DP	3788	34241	54	.	.	.	6.9	9.4
T. A. Seeds	TA765-18	3680	**42871**	53	.	.	.	8.5	11.7
T. A. Seeds	TA780-22DP	3774	40417	61	10.0	13.0	8.9	7.7	10.5
T. A. Seeds	X19918	**3809**	37337	60	.	.	.	.	9.7
Average		*3698*	*38262*	*55*	*9.7*	*12.0*	*8.2*	*8.0*	*10.5*

Summary of Evaluations of Corn Hybrids for Silage: Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2014 (Continued)

Company or Brand Name	Hybrid Name	Quality Factors[1] Milk Production[2] lbs/ton DM	Milk Production[2] lbs/acre	Grain Portion	Dry Matter Yield Statewide Average	Blairsville	Calhoun	Griffin	Tifton
				%	---------- tons/acre ----------				
Mid-Season									
AgraTech	1023VIP	3369	**44146**	44	.	.	.	.	12.8
AgraTech	76GVIP	**3912**	**41852**	63	.	10.5	.	.	10.7
AgraTech	84GVIP	**3867**	38433	62	9.8	11.7	8.7	9.0	9.9
AgraTech	868VT3P	3635	39390	50	.	.	.	.	10.8
AgraTech	999VIP	3568	**42278**	48	**11.0**	13.1	9.6	8.9	12.3
Croplan Genetics	7927 VT3P	**3840**	39554	55	.	12.7	9.2	.	10.8
Croplan Genetics	8621 VT2 Pro	3686	37755	55	.	11.9	10.0	.	10.9
Croplan Genetics	8750 RH	**3841**	**43187**	55	.	13.2	10.8	.	11.7
DeKalb	DKC66-40	3619	38057	52	**10.6**	12.4	10.9	8.4	10.7
Dyna-Gro	D57VP75	3580	36147	55	.	.	11.9	7.9	10.5
Dyna-Gro	D59HR50	3520	**43108**	49	**11.2**	10.9	12.4	9.5	12.0
MC	EXP 674L	3752	40127	55	.	.	.	.	10.7
MC	EXP 683M	3751	39531	53	**11.3**	12.5	13.0	9.1	10.8
MC	EXP 686N	3778	37029	56	.	.	.	.	9.9
MC	MCT-6753	3756	34578	57	.	.	.	8.0	9.1
MC	MCT-6894	**3962**	34466	61	9.0	10.9	8.6	7.8	8.7
Mycogen	F2F 817	**3943**	40162	60	7.9	7.4	6.7	7.8	9.8
Mycogen	TMF2H919	3683	**42724**	53	**11.1**	11.0	12.6	9.7	11.3
Mycogen	TMF2L825	3699	39556	49	9.9	10.5	9.1	8.9	11.0
Pioneer	P1637VYHR	3736	40357	59	10.1	13.5	7.1	9.0	11.0
Pioneer	P1690YHR	3716	40521	56	**10.8**	12.1	10.6	9.2	11.1
Pioneer	P1739YHR	3653	**41275**	50	.	.	.	.	11.1
Pioneer	P1794VYHR	3712	**45867**	55	.	.	.	.	12.2
Sun Prairie	SPX4095RR	3712	37483	53	.	.	.	.	10.2
Syngenta NK	N83D-3000GT	3731	37491	58	9.1	9.7	8.3	8.8	9.9
T. A. Seeds	TA774-13VP	3790	37901	61	.	.	.	8.6	10.6
T. A. Seeds	TA784-13VP	3650	37951	57	10.1	13.1	9.4	7.5	10.5
T. A. Seeds	TA790-18	3760	39494	56	.	.	.	8.9	10.7
T. A. Seeds	X19919	3602	38572	56	.	.	.	.	10.4
T. A. Seeds	X19921	3723	**42081**	49	.	.	.	.	10.9
T. A. Seeds	X19922	3643	**41881**	56	.	.	.	.	11.4
Average		*3716*	*39773*	*55*	*10.2*	*11.6*	*9.9*	*8.6*	*10.8*
Overall test statistics:									
Average		3710 [3]	39280 [4]	55	10.0 [5]	11.7	9.3	8.4	10.7
LSD at 10% Level		158	4741	6	0.7	1.7	1.8	0.9	0.8
Std. Err. of Entry Mean		66	1997	2	0.3	0.7	0.8	0.4	0.4

Summary of Evaluations of Corn Hybrids for Silage: Blairsville, Calhoun, Griffin, and Tifton, Georgia, 2014 (Continued)

1. Quality factors taken from the replicated silage trial at Tifton.
2. This variable is calculated using University of Wisconsin Corn Silage Evaluation System - Milk 2000 and reported at lbs milk/ton of dry matter (DM) and lbs milk/acre.
3. CV = 2.5%, and df for EMS = 46.
4. CV = 7.2%, and df for EMS = 46.
5. CV = 12.0%, and df for EMS = 252.

Bolding indicates entries performing equally to highest performing entry within a column based on Fisher's protected LSD (P = 0.10).

Summary of Quality Factors of Corn Hybrids for Silage, Tifton, Georgia, 2014

Company or Brand Name	Hybrid Name	Quality Factors[1]								Dry Matter Yield	
		Milk Production[2]									
		lbs/ton DM	lbs/acre	Protein	NDF	ADF	TDN	NDF48[3]	Ash	Grain Portion	Tifton
				%	%	%	%	%	%	%	tons/acre
Short-Season											
Croplan Genetics	7087 VT3P	3724	35591	8.6	27.2	15.7	76.5	77.5	4.3	55	9.7
DeKalb	DKC61-79	3687	31995	8.4	29.4	16.1	76.3	75.7	3.7	57	9.1
DeKalb	DKC64-69	3641	38935	8.1	33.4	17.8	75.1	73.2	3.1	53	10.1
Dyna-Gro	D55GT73	3654	**42541**	8.1	30.7	17.2	75.5	73.3	3.3	56	11.7
Dyna-Gro	D55QC73	3705	**40179**	8.4	32.5	18.0	75.0	75.6	3.8	52	11.4
MC	EXP 600M	3798	34981	9.5	29.1	15.3	76.8	80.0	3.9	55	9.2
MC	MCT-630GT	3582	35232	8.8	34.3	18.8	74.5	73.5	4.0	55	10.3
MC	MCT-6583	3574	36796	8.3	33.2	18.6	74.6	72.1	3.7	56	10.3
Mycogen	TMF2H747	3784	**44569**	8.3	29.1	16.4	76.0	78.6	3.7	57	11.6
Mycogen	TMF2R737	3625	38777	8.5	27.9	16.0	76.3	74.0	4.1	50	11.0
Pioneer	P1319HR	3637	**39472**	8.8	30.9	16.3	76.1	74.6	4.0	57	11.2
T. A. Seeds	TA744-22DP	3788	34241	8.7	28.9	15.8	76.4	80.1	4.1	54	9.4
T. A. Seeds	TA765-18	3680	**42871**	8.5	34.7	19.3	74.1	75.8	4.0	53	11.7
T. A. Seeds	TA780-22DP	3774	**40417**	8.0	30.2	16.3	76.1	79.6	3.7	61	10.5
T. A. Seeds	X19918	3809	37337	8.8	30.6	16.5	75.9	80.5	3.9	60	9.7
Average		*3698*	*38262*	*8.5*	*30.8*	*16.9*	*75.7*	*76.3*	*3.8*	*55*	*10.5*

Summary of Quality Factors of Corn Hybrids for Silage, Tifton, Georgia, 2014 (Continued)

Company or Brand Name	Hybrid Name	Quality Factors[1] Milk Production[2] lbs/ton DM	Milk Production[2] lbs/acre	Protein	NDF	ADF	TDN	NDF48[3]	Ash	Dry Matter Yield Grain Portion	Dry Matter Yield Tifton
				%	%	%	%	%	%	%	tons/acre
Mid-Season											
AgraTech	1023VIP	3369	**44146**	9.4	38.6	22.0	72.4	68.4	4.7	44	12.8
AgraTech	76GVIP	**3912**	**41852**	8.7	26.9	14.7	77.1	84.9	3.7	63	10.7
AgraTech	84GVIP	**3867**	38433	8.9	27.4	15.2	76.8	82.0	3.7	62	9.9
AgraTech	868VT3P	3635	39390	8.4	33.4	19.2	74.2	74.8	4.4	50	10.8
AgraTech	999VIP	3568	**42278**	9.1	32.5	17.3	75.5	72.6	3.9	48	12.3
Croplan Genetics	7927 VT3P	**3840**	**39554**	8.5	30.2	16.0	76.3	81.1	3.7	55	10.8
Croplan Genetics	8621 VT2 Pro	3686	37755	8.6	31.0	17.1	75.6	77.1	4.2	55	10.9
Croplan Genetics	8750 RH	**3841**	**43187**	8.0	31.7	18.9	74.4	81.6	4.2	55	11.7
DeKalb	DKC66-40	3619	38057	8.5	32.1	17.5	75.3	74.2	4.0	52	10.7
Dyna-Gro	D57VP75	3580	36147	8.6	30.9	17.5	75.3	74.5	4.6	55	10.5
Dyna-Gro	D59HR50	3520	**43108**	8.6	39.2	23.3	71.5	72.7	5.0	49	12.0
MC	EXP 674L	3752	**40127**	9.4	29.2	15.8	76.4	78.7	4.1	55	10.7
MC	EXP 683M	3751	**39531**	8.3	29.4	16.5	76.0	78.4	4.0	53	10.8
MC	EXP 686N	3778	37029	8.5	29.8	16.9	75.7	79.1	3.9	56	9.9
MC	MCT-6753	3756	34578	8.8	27.3	15.5	76.6	78.5	4.2	57	9.1
MC	MCT-6894	**3962**	34466	8.6	28.5	15.8	76.4	86.2	4.0	61	8.7
Mycogen	F2F 817	**3943**	**40162**	9.4	28.8	17.0	71.5	85.7	4.5	60	9.8
Mycogen	TMF2H919	3683	**42724**	9.8	35.7	18.7	74.5	73.2	3.9	53	11.3
Mycogen	TMF2L825	3699	**39556**	7.9	31.4	18.1	74.9	76.8	4.0	49	11.0
Pioneer	P1637VYHR	3736	**40357**	8.3	28.5	15.8	76.4	77.6	3.6	59	11.0
Pioneer	P1690YHR	3716	**40521**	8.4	29.5	16.1	76.2	78.2	3.9	56	11.1
Pioneer	P1739YHR	3653	**41275**	8.0	30.1	17.8	75.1	75.4	4.2	50	11.1
Pioneer	P1794VYHR	3712	**45867**	8.5	31.0	17.5	75.3	78.1	4.3	55	12.2
Sun Prairie	SPX4095RR	3712	37483	8.5	31.0	17.7	75.2	77.2	4.2	53	10.2
Syngenta NK	N83D-3000GT	3731	37491	9.0	32.7	17.5	75.3	77.0	3.8	58	9.9
T. A. Seeds	TA774-13VP	3790	37901	8.1	30.5	18.0	75.0	80.8	4.5	61	10.6
T. A. Seeds	TA784-13VP	3650	37951	8.6	33.0	18.9	74.4	75.5	4.3	57	10.5
T. A. Seeds	TA790-18	3760	**39494**	8.5	33.8	17.8	75.1	78.2	3.5	56	10.7
T. A. Seeds	X19919	3602	38572	8.8	33.5	19.2	74.2	74.4	4.4	56	10.4
T. A. Seeds	X19921	3723	**42081**	9.0	30.6	18.2	74.9	78.6	4.8	49	10.9
T. A. Seeds	X19922	3643	**41881**	8.9	35.0	20.6	73.2	77.3	5.3	56	11.4
Average		*3716*	*39773*	*8.7*	*31.4*	*17.7*	*75.1*	*77.7*	*4.2*	*55*	*10.8*
Overall tests statistics:											
Average		3710 [4]	39280 [5]	8.6	31.2	17.4	75.3	77.2	4.1	55	10.7
LSD at 10% Level		158	4741	0.4	5.1	N.S.[6]	N.S.	0.6	5.0	6	0.8
Std. Err. of Entry Mean		66	1497	0.2	2.2	1.5	1.2	0.3	2.1	2	0.4

1. Quality factors taken from the replicated silage trial at Tifton.
2. This variable is calculated using University of Wisconsin Corn Silage Evaluation System - Milk 2000 and reported at lbs milk/ton of dry matter (DM) and lbs milk/acre.
3. NDF48: Percent dry matter disappearance/48 hours.
4. CV = 2.5%, and df for EMS = 46.
5. CV = 7.2%, and df for EMS = 46.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

Bolding indicates entries performing equally to highest performing entry within a column based on Fisher's protected LSD (P = 0.10).

Tifton, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		Dry	Green				
		tons/acre		%	%	no.	tons/acre
Short-Season							
T. A. Seeds	TA765-18	**11.7**	**21.0**	56.1	53	32017	.
Dyna-Gro	D55GT73	**11.7**	**20.5**	57.2	56	30492	**12.2**
Mycogen	TMF2H747	**11.6**	19.1	60.9	57	32017	.
Dyna-Gro	D55QC73	**11.5**	**21.5**	53.5	52	32888	.
Pioneer	P1319HR	**11.2**	18.7	59.9	57	32234	11.3
Mycogen	TMF2R737	**11.0**	**19.9**	55.8	50	33977	.
T. A. Seeds	TA780-22DP	10.5	18.8	57.1	61	30710	.
MC	MCT-630GT	10.3	17.3	59.8	55	32712	.
MC	MCT-6583	10.3	17.3	60.1	56	31364	10.3
DeKalb	DKC64-69	10.1	17.9	57.1	53	30492	10.5
T. A. Seeds	X19918	9.7	16.1	60.6	60	30492	.
Croplan Genetics	7087 VT3P	9.7	15.1	64.5	55	31363	.
T. A. Seeds	TA744-22DP	9.4	14.6	64.8	54	31799	.
MC	EXP 600M	9.3	15.4	60.6	55	29403	.
DeKalb	DKC61-79	9.1	13.4	68.0	57	32452	.
Average		10.5 [1]	17.8 [2]	59.7	55	31627	11.1
LSD at 10% Level		0.8	2.1	4.8	4	1938	0.6
Std. Err. of Entry Mean		0.4	0.9	2.0	2	815	0.2

Tifton, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated (Continued)

Company or Brand Name	Hybrid Name	Forage Yield Dry	Forage Yield Green	Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		tons/acre		%	%	no.	tons/acre
Mid-Season							
AgraTech	1023VIP	**12.8**	**26.7**	48.2	44	32016	.
AgraTech	999VIP	**12.4**	24.4	51.1	48	32235	.
Pioneer	P1794VYHR	**12.2**	20.3	60.3	55	32017	.
Dyna-Gro	D59HR50	**12.0**	22.9	53.1	49	31581	**11.5**
Croplan Genetics	8750 RH	11.7	19.8	59.2	55	33324	.
T. A. Seeds	X19922	11.5	16.5	69.6	56	33759	.
Mycogen	TMF2H919	11.3	24.8	45.8	53	31799	.
Pioneer	P1739YHR	11.2	17.2	65.0	50	33759	.
Pioneer	P1690YHR	11.1	16.7	67.2	56	32234	**12.0**
Mycogen	TMF2L825	11.1	18.0	61.3	49	32888	.
Pioneer	P1637VYHR	11.0	15.5	70.6	59	33977	.
Croplan Genetics	8621 VT2 Pro	10.9	18.4	59.4	55	32452	**11.2**
T. A. Seeds	X19921	10.9	16.6	66.1	49	32452	.
Croplan Genetics	7927 VT3P	10.8	17.4	62.0	55	33106	.
MC	EXP 683M	10.8	20.3	53.3	53	31363	.
AgraTech	868VT3P	10.8	16.4	65.6	50	31581	.
DeKalb	DKC66-40	10.7	17.8	60.1	52	33759	.
AgraTech	76GVIP	10.7	16.7	64.0	63	33324	.
T. A. Seeds	TA790-18	10.7	17.9	59.6	56	33106	.
MC	EXP 674L	10.7	17.0	63.2	55	33106	.
T. A. Seeds	TA774-13VP	10.6	16.5	64.1	61	33542	.
T. A. Seeds	TA784-13VP	10.5	16.9	62.2	57	30928	**11.4**
Dyna-Gro	D57VP75	10.5	16.9	62.4	55	31363	**9.9**
T. A. Seeds	X19919	10.4	17.0	61.8	56	33541	.
Sun Prairie	SPX4095RR	10.2	15.5	66.2	53	31146	.
ALA-FLO	9500	10.2	16.4	62.2	56	31146	.
AgraTech	84GVIP	9.9	15.4	64.4	62	32888	.
Syngenta NK	N83D-3000GT	9.9	17.1	58.0	58	30710	.
MC	EXP 686N	9.9	16.9	58.7	56	29839	.
Mycogen	F2F 817	9.8	17.6	55.9	60	32888	.
MC	MCT-6753	9.1	14.7	62.3	57	28314	.
MC	MCT-6894	8.7	12.5	69.8	61	29621	**10.0**
Average		10.8 [3]	18.0 [4]	61.0	55	32180	11.0
LSD at 10% Level		0.8	1.8	3.9	7	2089	N.S.[5]
Std. Err. of Entry Mean		0.4	0.8	1.6	3	889	0.4

Tifton, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated (Continued)

1. CV = 6.8%, and df for EMS = 42.
2. CV = 10.1%, and df for EMS = 42.
3. CV = 6.6%, and df for EMS = 93.
4. CV = 8.5%, and df for EMS = 93.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	April 3, 2014.
Harvested:	July 29, 2014.
Seeding Rate:	34,000 seeds per acre in 30-inch rows.
Soil Type:	Tifton loamy sand.
Soil Test:	P = High, K = Medium, and pH = 6.1.
Fertilization:	123 lb N, 180 lb P_2O_5, and 300 lb K_2O/acre as preplant; 270 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Disked, subsoiled and bedded, rototilled; Atrazine, Prowl, Accent, and Basagran used for weed control; Telone II used for nematode control; irrigated 11 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn, and B. McCranie.

Griffin, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield Dry	Forage Yield Green	Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		tons/acre		%	%	no.	tons/acre
Short-Season							
Mycogen	TMF2R737	**9.1**	**17.0**	53.7	47	32670	.
Pioneer	P1319HR	**8.6**	12.5	69.5	48	33880	**9.5**
Dyna-Gro	D55GT73	**8.6**	14.7	58.4	47	32186	**10.0**
T. A. Seeds	TA765-18	**8.6**	13.3	64.5	47	31944	.
DeKalb	DKC64-69	**8.5**	14.8	57.4	49	32912	**10.0**
Dyna-Gro	D55QC73	**8.4**	13.7	61.1	47	32912	.
MC	EXP 600M	**8.3**	14.0	59.3	55	30492	.
MC	MCT-6583	7.8	10.9	72.7	48	33154	.
T. A. Seeds	TA780-22DP	7.8	11.8	66.5	50	30250	.
Mycogen	TMF2H747	7.4	14.6	50.4	44	30734	.
MC	MCT-630GT	7.3	11.9	61.1	46	28072	.
T. A. Seeds	TA744-22DP	6.9	11.5	60.1	46	30250	.
DeKalb	DKC61-79	6.6	8.2	80.6	48	33638	.
Average		8.0 [1]	13.0 [2]	62.7	48	31776	9.8
LSD at 10% Level		1.0	1.1	5.3	3	2248	N.S.[3]
Std. Err. of Entry Mean		0.4	0.5	2.2	2	941	0.4
Mid-Season							
Mycogen	TMF2H919	**9.7**	**21.3**	45.5	44	31702	.
Dyna-Gro	D59HR50	**9.5**	18.9	50.1	45	31460	**10.0**
Pioneer	P1690YHR	**9.2**	13.7	68.0	46	33880	.
MC	EXP 683M	**9.1**	15.3	59.7	48	32428	.
Pioneer	P1637VYHR	**9.0**	12.8	71.0	48	33396	.
AgraTech	84GVIP	**9.0**	16.3	56.1	54	32428	.
AgraTech	999VIP	**8.9**	19.3	46.3	40	31218	.
Mycogen	TMF2L825	**8.9**	12.9	69.5	38	32670	.
T. A. Seeds	TA790-18	**8.9**	13.6	65.8	49	33396	.
Syngenta NK	N83D-3000GT	**8.8**	15.0	59.5	50	32186	.
T. A. Seeds	TA774-13VP	8.6	14.4	60.2	49	33880	.
DeKalb	DKC66-40	8.4	12.9	65.4	46	30976	.
MC	MCT-6753	8.0	11.4	70.1	50	27588	.
Dyna-Gro	D57VP75	7.9	11.9	67.5	45	32186	**10.5**
MC	MCT-6894	7.9	11.2	69.8	55	30734	.
Mycogen	F2F 817	7.9	12.0	67.1	40	30492	.
T. A. Seeds	TA784-13VP	7.6	11.2	67.1	45	29524	**9.5**
Average		8.7 [4]	14.3 [5]	62.3	47	31773	10.0
LSD at 10% Level		0.9	1.6	6.4	2	2384	N.S.
Std. Err. of Entry Mean		0.4	0.7	2.7	1	1005	0.5

Griffin, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated
(Continued)

1. CV = 10.1%, and df for EMS = 36.
2. CV = 7.3%, and df for EMS = 36.
3. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.
4. CV = 8.4%, and df for EMS = 48.
5. CV = 9.5%, and df for EMS = 48.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	April 13, 2014.
Harvested:	August 11, 2014.
Seeding Rate:	34,000 seeds per acre in 30-inch rows.
Soil Type:	Pacolet sandy loam.
Soil Test:	P = Medium, K = High, and pH = 6.0.
Fertilization:	75 lb N, 150 lb P_2O_5, and 225 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Subsoiled, disked, and rototilled; Lasso, Atrazine, Callisto, and Option used for weed control; irrigated 13 inches.

Test conducted by H. Jordan and G. Ware.

Calhoun, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		Dry	Green				
		tons/acre		%	%	no.	tons/acre
Short-Season							
MC	MCT-630GT	**10.3**	**17.2**	59.7	48	34557	.
Dyna-Gro	D55GT73	**9.8**	**17.1**	57.2	50	32488	**8.2**
DeKalb	DKC64-69	**9.1**	**15.6**	57.7	52	33936	**9.3**
T. A. Seeds	TA780-22DP	**8.9**	13.4	66.4	51	33316	.
Mycogen	TMF2R737	**8.9**	**17.3**	51.1	47	32488	.
Dyna-Gro	D55QC73	7.9	**15.8**	49.8	50	35178	.
Croplan Genetics	7087 VT3P	7.8	12.3	63.6	49	30832	.
MC	EXP 600M	7.7	12.8	60.4	54	27729	.
Pioneer	P1319HR	7.6	14.3	53.6	51	35592	**8.6**
Mycogen	TMF2H747	7.1	14.0	50.4	46	36005	.
DeKalb	DKC61-79	5.5	10.7	51.1	51	31867	.
Average		8.2 [1]	14.6 [2]	56.5	50	33090	8.7
LSD at 10% Level		1.6	2.5	6.3	4	4132	N.S.[3]
Std. Err. of Entry Mean		0.7	1.0	2.6	2	1722	0.6
Mid-Season							
MC	EXP 683M	**13.0**	16.4	79.0	54	31867	.
Mycogen	TMF2H919	**12.6**	**26.5**	47.2	50	30625	.
Dyna-Gro	D59HR50	**12.4**	21.7	57.7	48	32074	**11.8**
Dyna-Gro	D57VP75	**11.9**	17.3	70.6	49	31660	**10.2**
DeKalb	DKC66-40	10.9	16.3	69.4	53	30419	.
Croplan Genetics	8750 RH	10.8	17.1	64.8	52	31660	.
Pioneer	P1690YHR	10.6	15.6	69.5	51	31039	.
Croplan Genetics	8621 VT2 Pro	10.0	20.7	48.2	52	31867	**10.5**
AgraTech	999VIP	9.6	16.9	59.2	51	29384	.
T. A. Seeds	TA784-13VP	9.5	17.2	54.8	47	31660	**11.1**
Croplan Genetics	7927 VT3P	9.2	13.2	71.1	51	31039	.
Mycogen	TMF2L825	9.1	13.8	67.0	47	32281	.
AgraTech	84GVIP	8.7	14.1	61.6	57	31039	.
MC	MCT-6894	8.6	13.5	65.1	57	31039	.
Syngenta NK	N83D-3000GT	8.3	12.9	65.5	55	28556	.
Pioneer	P1637VYHR	7.1	14.0	50.3	54	29177	.
Mycogen	F2F 817	6.7	13.0	52.2	50	31040	.
Average		9.9 [4]	16.5 [5]	62.0	52	30966	10.9
LSD at 10% Level		2.0	3.4	13.9	6	N.S.	N.S,
Std. Err. of Entry Mean		0.8	1.4	5.9	2	1036	0.6

Calhoun, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Irrigated
(Continued)

1. CV = 16.4%, and df for EMS = 30.
2. CV = 14.2%, and df for EMS = 30.
3. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.
3. CV =17.0%, and df for EMS = 48.
4. CV = 17.6%, and df for EMS = 48.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	April 24, 2014.
Harvested:	August 22, 2014.
Seeding Rate:	Short-Season: 36,500 seeds per acre in 30-inch rows. Mid-Season: 33,000 seeds per acre in 30-inch rows.
Soil Type:	Rome gravelly clay loam.
Soil Test:	P = Very High, K = High, and pH = 5.9.
Fertilization:	135 lb N, 70 lb P_2O_5, and 230 lb K_2O/acre as preplant; 200 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Moldboard plowed, disked, and rototilled; Me-too-lachlor, Callisto, Accent, and Atrazine used for weed control with one cultivation; irrigated 10 inches.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.

Blairsville, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Nonirrigated

Company or Brand Name	Hybrid Name	Forage Yield		Dry Matter	Grain Portion	Plant Population	2-Yr Avg Dry Forage Yield
		Dry	Green				
		tons/acre		%	%	no.	tons/acre
Short-Season							
Croplan Genetics	7087 VT3P	**13.3**	**24.6**	54.6	53	35332	.
T. A. Seeds	TA780-22DP	**13.0**	**23.3**	56.0	56	35090	11.4
Pioneer	P1319HR	**12.9**	**24.0**	53.7	56	33880	.
MC	MCT-630GT	**12.7**	**23.9**	53.6	56	31460	.
Mycogen	TMF2R737	**12.6**	**27.8**	45.2	55	35332	.
Mycogen	TMF2H747	11.3	**22.1**	51.2	52	34122	.
DeKalb	DKC61-79	11.1	18.4	60.7	59	32428	.
MC	EXP 600M	11.1	24.3	46.2	56	30492	.
Dyna-Gro	D55GT73	11.0	25.1	44.6	54	32912	.
DeKalb	DKC64-69	10.5	23.3	45.0	55	35090	.
Average		11.9 [1]	23.7 [2]	51.1	55	33614	11.4
LSD at 10% Level		1.9	2.8	5.5	3	2189	.
Std. Err. of Entry Mean		0.8	1.2	2.3	1	923	.
Mid-Season							
Pioneer	P1637VYHR	**13.5**	24.7	54.7	53	35090	.
Croplan Genetics	8750 RH	**13.2**	28.3	46.4	52	34606	.
T. A. Seeds	TA784-13VP	**13.1**	24.3	54.6	55	33396	11.8
AgraTech	999VIP	**13.1**	**31.0**	42.0	52	33154	.
Croplan Genetics	7927 VT3P	**12.7**	24.7	51.0	55	34606	.
MC	EXP 683M	**12.5**	27.6	45.5	55	33638	.
DeKalb	DKC66-40	**12.4**	23.9	51.7	55	35574	.
Pioneer	P1690YHR	**12.1**	22.0	55.4	53	34364	.
Croplan Genetics	8621 VT2 Pro	**12.0**	28.0	42.5	56	34848	11.5
AgraTech	84GVIP	11.7	28.8	40.8	59	34606	.
Mycogen	TMF2H919	11.0	**32.0**	34.2	50	34606	.
MC	MCT-6894	10.9	20.9	52.1	58	32670	.
Dyna-Gro	D59HR50	10.9	26.5	41.0	54	30976	10.4
AgraTech	76GVIP	10.6	27.3	38.5	58	34122	.
Mycogen	TMF2L825	10.5	24.0	43.7	47	35090	.
Syngenta NK	N83D-3000GT	9.7	22.2	43.6	54	31218	.
Mycogen	F2F 817	7.4	13.0	58.0	46	32428	.
Average		11.6 [3]	25.2 [4]	46.8	54	33823	11.2
LSD at 10% Level		1.5	3.0	6.7	3	2722	N.S.[5]
Std. Err. of Entry Mean		0.6	1.2	2.8	1	1130	1.1

Blairsville, Georgia:
Evaluation of Corn Hybrids for Silage, 2014, Nonirrigated (Continued)

1. CV = 13.8%, and df for EMS = 48.
2. CV = 9.4%, and df for EMS = 48.
3. CV = 10.3%, and df for EMS = 27.
4. CV = 10.5%, and df for EMS = 27.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore an LSD value was not calculated.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted:	May 2, 2014.
Harvested:	September 18, 2014.
Seeding Rate:	36,000 seeds per acre in 30-inch rows.
Soil Type:	Suches loam.
Soil Test:	P = Very High, K = High, and pH = 6.1.
Fertilization:	212 lb N, 200 lb P_2O_5, and 122 lb K_2O/acre as preplant; 184 lb N/acre as sidedress.
Previous Crop:	Soybeans.
Management:	Moldboard plowed and disked; Atrazine, Dual Magnum, and Simazine used for weed control.

Test conducted by H. Jordan, G. Ware, R. Covington, and L. Lee.