

**Table C-36. Planting Date And Hybrid Influence On Corn Silage Performance
Arlington, WI - 2006.**

Planting Date	Hybrid	Whole Plant																
		Dry Matter		Kernel	KMR	SMR	VMR	Silking	Harvest		Crude		In Vitro			Milk per		
		yield	Moisture	milk	0-5	0-5	0-10	Date	plants	ears	protein	ADF	NDF	Digest	NDFD	Starch	Ton	Acre
	tons/A	%	%				doy	plants/A	ears/A	%	%	%	%	%	%	lbs/T	lbs/A	
	Dekalb DKC58-78(YGCB)	6.2	67.3	54	2.7	2.7	6.3	217	30782	25186	9.5	29.6	55.9	78.5	60.1	17.7	3049	19282
	NK Brand N32-L9	5.7	63.0	39	1.9	2.5	4.3	213	30413	25555	9.7	28.8	54.1	78.7	59.3	19.5	3068	17826
	Mycogen F2F444	4.9	70.4	45	2.3	2.8	5.4	216	30888	25344	9.5	28.7	57.2	84.0	71.0	14.4	3308	16442
April 28		9.1	64.1	53	2.6	2.7	5.3	199	31240	32824	7.7	22.9	45.1	80.6	56.7	32.7	3266	29648
June 01		8.7	49.2	3	0.2	-	-	212	30536	30800	8.4	20.5	42.2	81.5	55.8	35.1	3334	28856
June 30		5.9	68.0	100	5.0	-	-	235	31504	31680	8.9	28.8	55.2	79.4	62.7	17.9	3122	18466
July 14		3.5	76.9	-	-	-	-	-	30976	31504	10.3	36.5	67.7	77.5	66.8	0.4	2819	9974
July 31		0.7	76.4	-	-	-	-	-	29216	0	12.4	36.5	68.3	83.1	75.2	0.0	3167	2306
April 28	Dekalb DKC58-78(YGCB)	10.2	64.2	72	3.6	2.7	6.3	200	31152	32472	7.6	21.7	42.8	80.3	53.9	36.7	3266	33398
April 28	NK Brand N32-L9	9.2	60.1	35	1.8	2.5	4.3	197	30624	33792	7.4	23.0	44.5	79.4	53.5	34.5	3205	29597
April 28	Mycogen F2F444	7.8	68.1	52	2.6	2.8	5.4	199	31944	32208	8.2	24.1	48.2	82.1	62.7	26.8	3325	25950
June 01	Dekalb DKC58-78(YGCB)	9.8	50.5	7	0.3	-	-	214	31152	31416	7.9	21.2	42.1	79.9	52.1	35.4	3246	31816
June 01	NK Brand N32-L9	8.7	41.5	2	0.1	-	-	209	29568	29832	8.1	19.4	39.5	80.7	51.1	40.9	3306	28901
June 01	Mycogen F2F444	7.5	55.7	2	0.1	-	-	214	30888	31152	9.2	20.8	45.1	84.0	64.3	29.1	3449	25852
June 30	Dekalb DKC58-78(YGCB)	6.4	68.0	100	5.0	-	-	238	30888	31152	8.6	31.5	58.1	75.6	58.0	16.3	2898	18653
June 30	NK Brand N32-L9	6.1	64.0	100	5.0	-	-	232	32736	32736	9.2	28.0	51.9	77.5	56.5	22.0	3045	18579
June 30	Mycogen F2F444	5.3	71.9	100	5.0	-	-	236	30888	31152	9.0	27.0	55.6	85.3	73.5	15.3	3423	18167
July 14	Dekalb DKC58-78(YGCB)	3.7	77.0	-	-	-	-	-	30096	30888	10.5	37.3	68.3	75.5	64.1	0.3	2760	10116
July 14	NK Brand N32-L9	3.6	74.4	-	-	-	-	-	31152	31416	10.6	37.5	67.7	74.2	62.0	0.3	2665	9533
July 14	Mycogen F2F444	3.4	79.3	-	-	-	-	-	31680	32208	9.8	34.7	67.1	82.7	74.3	0.8	3032	10273
July 31	Dekalb DKC58-78(YGCB)	0.8	76.7	-	-	-	-	-	30624	0	12.7	36.6	68.1	81.2	72.3	0.0	3072	2428
July 31	NK Brand N32-L9	0.8	75.2	-	-	-	-	-	27984	0	13.2	36.2	67.1	81.9	73.0	0.0	3119	2522
July 31	Mycogen F2F444	0.6	77.2	-	-	-	-	-	29040	0	11.4	36.8	69.8	86.2	80.2	0.0	3309	1968
Mean		5.6	66.9	46	2.3	2.7	5.3	215	30694	25362	9.6	29.0	55.7	80.4	63.4	17.2	3141	17850
Probability(%)																		
Date of Planting (D)		0.0	0.0	0.1	0.1	-	-	0.0	1.3	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
Hybrid (H)		0.0	0.0	0.0	0.0	25.0	0.0	0.0	67.9	39.0	31.3	33.3	4.1	0.0	0.0	0.2	0.0	0.0
D x H		0.0	0.1	0.0	0.0	-	-	10.1	25.8	0.9	0.0	11.7	29.7	0.2	0.0	4.9	1.2	0.2
LSD (0.10)																		
Date of Planting (D)		0.8	4.5	10	0.4	-	-	2	932	748	1.1	5.6	2.8	2.0	2.4	2.9	107	2894
Hybrid (H)		0.2	1.0	1	0.1	NS	0.1	1	NS	NS	NS	NS	1.9	3.3	0.8	2.2	56	889
D x H		0.4	2.3	3	0.2	-	-	NS	NS	1018	0.6	NS	NS	1.9	1.9	5.0	125	1989
CV(%)																		
		6	2	5	5	6	1	1	5	3	5	6	5	2	2	20	3	8