

FIELD EXPERIMENT HISTORY

Title: Date of Planting and Hybrid Influence on Corn Forage and Corn Grain Yield
Experiment: 03 DOP **Trial ID** 2432 **Year:** 2003
Personnel: J.G. Lauer, P. J. Flannery, and K. D. Kohn
Location: Arlington, WI **County:** Columbia
Supported By: HATCH

Site Information

Field: ARS379 **Previous Crop:** Soybean **Soil Type:** Plano Silt Loam
Soil Test: **Date:** 10/1 /03 **pH** 6.4 **OM (%)** 3.3 **P (ppm)** 39 **K (ppm)** 115

Plot Management

Tillage Operations: Fall Chisel Plow Soil Finisher prior to each DOP

	<u>Analysis:</u>	<u>Rate lbs/A:</u>	<u>Date:</u>
Fertilizer: Preplant :	34-0-0	450	4 /14/03
Starter :	6-24-24	150	Each DOP
Post plant :	N/A	N/A	N/A
Manure:	N/A	N/A	N/A

Herbicide: Harness 2.5 pt/A **Insecticide:** None
 Hornet 3.0 oz/A **Hybrid:** See Factors

Irrigation: none

Planting Date: See Factors **Planting Depth:** 1.5" **Row Width:** 30"

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

Harvest Date: S: 9/24 & 10/3 **Harvest Method:** S:New Holland Plot Chopper
 G: 10/23 G:Kincaid Plot Combine

Experimental Design

Design: RCB split plot **Replications:** 3
Plot Size Seeded: 25' x 20' **Experiment Size:** 0.69 A
Harvest Plot Size: S: 22' x 2.5' **Harvest Plant Density:** S:28204 **plants per acre**
 G: 22 'x 5' G:26598

Factors/Treatments:

<u>Date of Planting:</u>	<u>Hybrids:</u>
April 15, May 03,	Pioneer 38A25
May 13, May 19,	Pioneer 35Y55
June 02 & June 13	

Results: Tables C-59 and C-60.

**Table C-59. Planting Date And Hybrid Influence On Corn Grain And Silage Performance
Arlington, WI - 2003.**

Planting Date	Hybrid	Grain															
		Yield		Test		Grower	Harvest	Harvest	Seeds	Plants	Flag Leaf	Silking	Early	Kernel Milk			Black
		bu/A	%	wt lbs/bu	Lodged %	\$/A	pop plants/A	ear pop ears/A	planted seeds/A	emerged plants/A	height inches	Date	dent	75%	50%	25%	layer
	Pioneer 35Y55	193	25.2	49	17	355	26730	27544	41184	34188	108	215	248	259	268	280	285
	Pioneer 38A25	181	20.8	57	21	345	26466	27324	41184	33539	104	211	244	253	260	268	276
April 15		208	20.0	56	6	399	26730	27258	41184	34172	96	206	237	247	257	262	268
May 03		193	20.2	55	12	369	22902	24750	41184	25526	101	209	241	250	259	271	281
May 13		197	20.6	55	10	375	26598	27258	41184	32885	108	211	246	255	262	273	278
May 19		202	20.8	55	45	384	27060	27588	41184	36416	109	211	244	254	262	273	288
June 02		181	26.3	51	33	326	27852	28380	41184	37010	112	217	249	260	269	279	286
June 13		141	30.1	47	8	245	28446	29370	41184	37175	109	223	258	273	277	287	290
April 15	Pioneer 35Y55	222	20.8	53	9	423	27060	27588	41184	35211	97	208	239	248	261	266	272
April 15	Pioneer 38A25	193	19.2	60	4	375	26400	26928	41184	33132	95	203	235	245	253	258	264
May 03	Pioneer 35Y55	200	21.0	51	11	381	21912	23364	41184	23199	102	210	243	254	262	279	290
May 03	Pioneer 38A25	185	19.5	59	13	358	23892	26136	41184	27852	100	207	239	245	257	263	272
May 13	Pioneer 35Y55	212	21.4	51	8	401	26532	27192	41184	33198	111	212	249	258	265	280	287
May 13	Pioneer 38A25	182	19.9	58	12	349	26664	27324	41184	32571	105	209	243	253	258	266	274
May 19	Pioneer 35Y55	221	21.5	51	46	417	26796	27456	41184	37653	113	212	245	257	264	279	295
May 19	Pioneer 38A25	182	20.1	59	44	350	27324	27720	41184	35178	105	210	243	251	259	266	281
June 02	Pioneer 35Y55	178	30.6	46	23	304	28776	29040	41184	37950	114	219	250	264	273	286	-
June 02	Pioneer 38A25	185	22.0	55	43	347	26928	27720	41184	36069	110	215	248	256	264	271	286
June 13	Pioneer 35Y55	125	35.8	44	5	201	29304	30624	41184	37917	109	225	259	275	284	290	-
June 13	Pioneer 38A25	158	24.4	50	10	289	27588	28116	41184	36432	109	221	257	270	270	284	290
Mean		187	23.0	53	19	350	26598	27434	41184	33864	106	213	246	256	264	274	279
Probability(%)																	
Date of Planting (D)		0.2	0.0	0.0	0.0	0.0	0.1	3.1	-	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.5
Hybrid (H)		1.2	0.0	0.0	19.0	20.5	63.7	69.6	-	8.4	0.6	0.0	0.2	0.0	0.0	0.0	4.6
D x H		0.3	0.0	0.1	26.1	0.0	37.1	19.5	-	0.1	37.1	2.1	88.4	79.7	0.3	7.8	57.4
LSD (0.10)																	
Date of Planting (D)		12	0.4	1	6	40	927	1151	-	901	4	0	1	2	2	2	4
Hybrid (H)		13	0.8	0	NS	NS	NS	NS	-	1062	3	1	3	4	1	3	8
D x H		18	1.2	1	NS	33	NS	NS	-	1502	NS	1	NS	NS	2	4	NS
CV(%)																	
		7	3	1	47	6	6	6	-	3	3	0	1	1	1	1	2

continued

Table C-59. Planting Date And Hybrid Influence On Corn Grain And Silage Performance

(continued) **Arlington, WI - 2003.**

Planting Date	Hybrid	Whole Plant													
		Dry Matter		Kernel milk %	Harvest		Crude protien %	Whole Plant			In Vitro		Milk per		
		yield tons/A	Moisture %		plants/A	ears/A		ADF %	NDF %	Digest %	NDFD %	Starch %	Ton lbs/T	Acre lbs/A	
	Pioneer 35Y55	9.6	63.8	55.6	27808	28776	7.8	23.3	45.2	85.2	67.2	33.9	3744	36098	
	Pioneer 38A25	9.3	53.1	25.8	28600	29744	7.1	21.8	43.7	85.0	65.6	39.2	3519	32786	
April 15		9.0	53.0	14.2	28380	28908	7.1	21.4	43.1	85.4	66.3	40.2	3583	32545	
May 03		8.0	58.7	34.2	21516	23628	7.6	21.5	43.3	85.6	66.7	37.9	3675	29250	
May 13		10.5	60.8	39.2	30096	31548	7.5	22.2	43.3	85.3	66.1	37.9	3670	38475	
May 19		10.2	59.3	35.8	29700	31020	7.2	22.9	44.7	84.4	65.1	37.5	3574	36453	
June 02		10.6	56.0	48.3	30096	30756	7.3	22.5	44.5	85.4	67.2	36.0	3632	38560	
June 13		8.6	62.7	72.5	29436	29700	8.0	24.7	47.7	84.3	67.1	30.0	3655	31372	
April 15	Pioneer 35Y55	10.1	58.3	25.0	29568	29832	7.4	19.9	40.5	87.2	68.4	40.8	3805	38283	
April 15	Pioneer 38A25	8.0	47.8	3.3	27192	27984	6.8	23.0	45.8	83.6	64.3	39.7	3362	26807	
May 03	Pioneer 35Y55	7.1	64.6	50.0	17688	19272	7.8	23.5	45.9	84.9	67.1	33.3	3735	26462	
May 03	Pioneer 38A25	8.9	52.7	18.3	25344	27984	7.3	19.6	40.6	86.4	66.4	42.4	3616	32038	
May 13	Pioneer 35Y55	10.5	66.8	55.0	29568	30888	7.8	23.1	44.1	85.4	66.9	35.6	3798	39734	
May 13	Pioneer 38A25	10.5	54.9	23.3	30624	32208	7.2	21.3	42.5	85.2	65.2	40.1	3541	37216	
May 19	Pioneer 35Y55	10.6	65.1	50.0	29832	31416	7.5	24.0	45.6	84.1	65.2	34.6	3692	39187	
May 19	Pioneer 38A25	9.8	53.5	21.7	29568	30624	7.0	21.8	43.8	84.6	64.9	40.5	3456	33720	
June 02	Pioneer 35Y55	10.9	60.8	68.3	30624	31152	7.6	23.4	45.5	85.4	67.9	33.7	3752	40755	
June 02	Pioneer 38A25	10.4	51.3	28.3	29568	30360	7.1	21.6	43.6	85.4	66.5	38.3	3512	36364	
June 13	Pioneer 35Y55	8.7	67.3	85.0	29568	30096	8.5	26.2	49.7	83.9	67.6	25.5	3683	32170	
June 13	Pioneer 38A25	8.4	58.2	60.0	29304	29304	7.5	23.3	45.7	84.7	66.6	34.5	3627	30574	
Mean		9.5	58.4	40.7	28204	29260	7.4	22.5	44.4	85.1	66.4	36.6	3632	34442	
Probability(%)															
Date of Planting (D)		1.1	0.5	0.0	0.1	0.3	0.0	7.3	8.0	37.0	21.3	0.2	34.7	1.5	
Hybrid (H)		22.7	0.0	0.0	27.0	20.7	0.0	0.6	4.9	58.1	0.0	0.0	0.0	0.6	
D x H		1.9	55.8	16.8	1.6	1.1	10.2	1.7	1.6	0.1	2.4	3.6	0.5	0.9	
LSD (0.10)															
Date of Planting (D)		0.7	1.9	3.9	1449	1501	0.1	1.1	1.6	NS	NS	1.8	NS	2608	
Hybrid (H)		NS	1.7	5.8	NS	NS	0.2	1.5	2.2	NS	0.9	2.6	67.3	3083	
D x H		1.1	NS	NS	2988	3168	NS	2.1	3.1	1.3	1.2	3.6	95.2	4360	
CV(%)															
		8	3	14	7	7	2	6	5	1	1	7	2	9	

**Table C-60. Planting Date And Hybrid Influence On Corn Leaf Development
Arlington, WI - 2003.**

Date of Planting	Hybrid	Observation	Leaf Development			Plant height inches
		Day of year day of year	Leaf collars no./plant	Hail adjusters method no./plant	Total leaves no./plant	
		143	2.0	2.7	3.7	2.7
		157	2.4	3.8	4.9	4.5
		164	3.3	5.4	6.3	6.4
		176	5.3	7.6	9.0	15.9
		191	9.5	12.6	13.8	42.6
		204	14.0	15.6	16.8	80.3
		219	18.5	18.7	18.9	104.6
		233	19.3	19.3	19.3	106.0
	Pioneer 35Y55		10.4	11.9	12.7	54.2
	Pioneer 38A25		11.3	12.8	13.7	55.6
	Pioneer 35Y55	143	2.0	2.3	3.3	2.8
	Pioneer 35Y55	157	2.2	3.5	4.5	4.0
	Pioneer 35Y55	164	3.1	5.1	5.9	5.6
	Pioneer 35Y55	176	5.0	7.1	8.6	15.2
	Pioneer 35Y55	191	9.1	12.1	13.1	40.8
	Pioneer 35Y55	204	13.1	15.1	16.1	76.8
	Pioneer 35Y55	219	17.8	18.0	18.3	105.1
	Pioneer 35Y55	233	18.8	18.8	18.8	107.9
	Pioneer 38A25	143	2.0	3.0	4.0	2.6
	Pioneer 38A25	157	2.7	4.2	5.3	4.9
	Pioneer 38A25	164	3.5	5.6	6.6	7.2
	Pioneer 38A25	176	5.5	8.0	9.4	16.6
	Pioneer 38A25	191	9.9	13.2	14.4	44.4
	Pioneer 38A25	204	14.8	16.2	17.4	83.8
	Pioneer 38A25	219	19.2	19.3	19.5	104.1
	Pioneer 38A25	233	19.7	19.7	19.7	104.1
April 15			10.6	12.0	12.8	48.5
May 03			11.5	13.1	13.9	54.6
May 13			10.5	11.9	12.7	53.4
May 19			10.6	12.1	13.0	54.8
June 02			12.1	13.7	14.6	67.9
June 13			10.2	11.7	12.5	54.9
April 15		143	2.0	2.7	3.7	2.7
April 15		157	3.6	5.2	6.5	5.8
April 15		164	4.3	6.8	7.7	8.7
April 15		176	7.5	10.9	12.2	24.1
April 15		191	12.2	14.9	16.3	58.9
April 15		204	17.3	17.4	18.5	95.1
April 15		219	18.9	18.9	18.9	96.8
April 15		233	18.9	18.9	18.9	95.9

continued

Table C-60. Planting Date And Hybrid Influence On Corn Leaf Development
 (continued) **Arlington, WI - 2003.**

Date of Planting	Hybrid	Observation	Leaf Development			Plant height inches
		Day of year day of year	Leaf collars no./plant	Hail adjusters method no./plant	Total leaves no./plant	
May 03		143	-	-	-	-
May 03		157	2.8	4.3	5.3	4.4
May 03		164	3.8	5.9	6.8	6.8
May 03		176	6.7	9.9	11.5	22.3
May 03		191	11.4	14.8	16.1	53.9
May 03		204	16.4	17.3	18.4	91.1
May 03		219	19.6	19.6	19.6	102.7
May 03		233	19.6	19.6	19.6	101.1
May 13		143	-	-	-	-
May 13		157	1.9	3.1	4.0	4.0
May 13		164	2.7	4.5	5.3	5.4
May 13		176	5.8	7.8	9.4	16.3
May 13		191	9.7	13.1	14.2	43.3
May 13		204	14.6	16.3	17.3	86.8
May 13		219	19.3	19.3	19.3	110.1
May 13		233	19.3	19.3	19.3	108.3
May 19		143	-	-	-	-
May 19		157	1.4	2.8	3.8	3.6
May 19		164	2.4	4.2	5.2	4.9
May 19		176	5.8	8.3	9.8	17.8
May 19		191	9.8	13.3	14.7	49.5
May 19		204	14.8	16.3	17.6	88.3
May 19		219	19.9	19.9	19.9	110.4
May 19		233	19.9	19.9	19.9	109.3
June 02		143	-	-	-	-
June 02		157	-	-	-	-
June 02		164	-	-	-	-
June 02		176	3.8	5.3	7.0	10.6
June 02		191	7.8	11.2	12.2	31.7
June 02		204	11.6	14.5	15.7	73.1
June 02		219	18.4	18.4	18.9	112.0
June 02		233	19.0	19.0	19.0	112.3
June 13		143	-	-	-	-
June 13		157	-	-	-	-
June 13		164	-	-	-	-
June 13		176	2.0	3.3	4.3	4.1
June 13		191	5.9	8.3	9.3	18.3
June 13		204	9.1	12.0	13.2	47.5
June 13		219	15.0	15.8	16.9	95.7
June 13		233	18.8	18.8	18.8	109.2
April 15	Pioneer 35Y55		10.1	11.4	12.3	47.9
April 15	Pioneer 38A25		11.1	12.5	13.4	49.1
May 03	Pioneer 35Y55		10.9	12.5	13.3	52.6
May 03	Pioneer 38A25		12.0	13.6	14.5	56.6

continued

Table C-60. Planting Date And Hybrid Influence On Corn Leaf Development
 (continued) **Arlington, WI - 2003.**

Date of Planting	Hybrid	Observation	Leaf Development			Plant height inches
		Day of year	Leaf collars	Hail adjusters method	Total leaves	
		day of year	no./plant	no./plant	no./plant	
May 13	Pioneer 35Y55		10.0	11.5	12.3	53.5
May 13	Pioneer 38A25		10.9	12.3	13.1	53.3
May 19	Pioneer 35Y55		10.2	11.7	12.5	55.0
May 19	Pioneer 38A25		11.0	12.5	13.5	54.7
June 02	Pioneer 35Y55		11.8	13.2	14.1	67.6
June 02	Pioneer 38A25		12.5	14.2	15.0	68.2
June 13	Pioneer 35Y55		9.7	11.2	11.9	53.1
June 13	Pioneer 38A25		10.6	12.1	13.0	56.8
April 15	Pioneer 35Y55	143	2.0	2.3	3.3	2.8
April 15	Pioneer 35Y55	157	3.2	4.5	6.0	5.3
April 15	Pioneer 35Y55	164	4.0	6.5	7.2	7.4
April 15	Pioneer 35Y55	176	7.2	10.3	11.7	23.5
April 15	Pioneer 35Y55	191	11.5	14.7	15.8	57.2
April 15	Pioneer 35Y55	204	16.5	16.8	17.8	92.7
April 15	Pioneer 35Y55	219	18.2	18.2	18.2	97.3
April 15	Pioneer 35Y55	233	18.2	18.2	18.2	97.2
April 15	Pioneer 38A25	143	2.0	3.0	4.0	2.6
April 15	Pioneer 38A25	157	4.0	5.8	7.0	6.3
April 15	Pioneer 38A25	164	4.7	7.2	8.2	10.0
April 15	Pioneer 38A25	176	7.8	11.5	12.7	24.8
April 15	Pioneer 38A25	191	12.8	15.2	16.8	60.7
April 15	Pioneer 38A25	204	18.0	18.0	19.2	97.5
April 15	Pioneer 38A25	219	19.7	19.7	19.7	96.3
April 15	Pioneer 38A25	233	19.7	19.7	19.7	94.7
May 03	Pioneer 35Y55	143	-	-	-	-
May 03	Pioneer 35Y55	157	2.7	4.0	5.0	3.9
May 03	Pioneer 35Y55	164	3.7	5.3	6.3	5.8
May 03	Pioneer 35Y55	176	6.2	9.2	10.8	20.4
May 03	Pioneer 35Y55	191	10.7	14.0	15.2	48.7
May 03	Pioneer 35Y55	204	15.2	16.8	17.8	85.7
May 03	Pioneer 35Y55	219	19.0	19.0	19.0	101.8
May 03	Pioneer 35Y55	233	19.0	19.0	19.0	102.2
May 03	Pioneer 38A25	143	-	-	-	-
May 03	Pioneer 38A25	157	3.0	4.5	5.7	4.8
May 03	Pioneer 38A25	164	4.0	6.5	7.3	7.7
May 03	Pioneer 38A25	176	7.2	10.7	12.2	24.3
May 03	Pioneer 38A25	191	12.2	15.7	17.0	59.2
May 03	Pioneer 38A25	204	17.7	17.8	19.0	96.5
May 03	Pioneer 38A25	219	20.2	20.2	20.2	103.5
May 03	Pioneer 38A25	233	20.2	20.2	20.2	100.0

continued

Table C-60. Determining Corn Hybrid Maturity - Comparison of Hybrids
 (continued) **Arlington, WI - 2003.**

Date of Planting	Hybrid	Observation	Leaf Development			Plant height inches
		Day of year	Leaf collars	Hail adjusters method	Total leaves	
		day of year	no./plant	no./plant	no./plant	
May 13	Pioneer 35Y55	143	-	-	-	-
May 13	Pioneer 35Y55	157	1.5	2.8	3.7	3.3
May 13	Pioneer 35Y55	164	2.5	4.5	5.2	5.1
May 13	Pioneer 35Y55	176	5.5	7.5	9.2	15.7
May 13	Pioneer 35Y55	191	9.3	12.5	13.5	42.2
May 13	Pioneer 35Y55	204	13.7	15.7	16.7	85.0
May 13	Pioneer 35Y55	219	18.8	18.8	18.8	112.3
May 13	Pioneer 35Y55	233	18.8	18.8	18.8	111.2
May 13	Pioneer 38A25	143	-	-	-	-
May 13	Pioneer 38A25	157	2.3	3.3	4.3	4.7
May 13	Pioneer 38A25	164	2.8	4.5	5.5	5.6
May 13	Pioneer 38A25	176	6.2	8.2	9.7	16.9
May 13	Pioneer 38A25	191	10.0	13.7	14.8	44.3
May 13	Pioneer 38A25	204	15.5	16.8	17.8	88.5
May 13	Pioneer 38A25	219	19.7	19.7	19.7	107.8
May 13	Pioneer 38A25	233	19.7	19.7	19.7	105.3
May 19	Pioneer 35Y55	143	-	-	-	-
May 19	Pioneer 35Y55	157	1.3	2.5	3.5	3.5
May 19	Pioneer 35Y55	164	2.2	4.0	5.0	4.2
May 19	Pioneer 35Y55	176	5.7	8.2	9.3	17.5
May 19	Pioneer 35Y55	191	9.7	12.8	14.0	48.2
May 19	Pioneer 35Y55	204	14.0	15.8	16.8	83.8
May 19	Pioneer 35Y55	219	19.3	19.3	19.3	114.7
May 19	Pioneer 35Y55	233	19.3	19.3	19.3	113.3
May 19	Pioneer 38A25	143	-	-	-	-
May 19	Pioneer 38A25	157	1.5	3.0	4.0	3.8
May 19	Pioneer 38A25	164	2.7	4.3	5.3	5.5
May 19	Pioneer 38A25	176	6.0	8.3	10.2	18.2
May 19	Pioneer 38A25	191	10.0	13.8	15.3	50.8
May 19	Pioneer 38A25	204	15.7	16.8	18.3	92.8
May 19	Pioneer 38A25	219	20.5	20.5	20.5	106.2
May 19	Pioneer 38A25	233	20.5	20.5	20.5	105.3
June 02	Pioneer 35Y55	143	-	-	-	-
June 02	Pioneer 35Y55	157	-	-	-	-
June 02	Pioneer 35Y55	164	-	-	-	-
June 02	Pioneer 35Y55	176	3.7	4.7	6.7	9.9
June 02	Pioneer 35Y55	191	7.7	10.3	11.3	30.3
June 02	Pioneer 35Y55	204	10.8	14.0	15.0	70.8
June 02	Pioneer 35Y55	219	17.7	17.7	18.5	112.8
June 02	Pioneer 35Y55	233	19.2	19.2	19.2	114.3

continued

Table C-60. Determining Corn Hybrid Maturity - Comparison of Hybrids
 (continued) **Arlington, WI - 2003.**

Date of Planting	Hybrid	Observation	Leaf Development			Plant height inches
		Day of year day of year	Leaf collars no./plant	Hail adjusters method no./plant	Total leaves no./plant	
June 02	Pioneer 38A25	143	-	-	-	-
June 02	Pioneer 38A25	157	-	-	-	-
June 02	Pioneer 38A25	164	-	-	-	-
June 02	Pioneer 38A25	176	4.0	5.8	7.3	11.4
June 02	Pioneer 38A25	191	8.0	12.0	13.0	33.0
June 02	Pioneer 38A25	204	12.3	15.0	16.3	75.3
June 02	Pioneer 38A25	219	19.2	19.2	19.3	111.2
June 02	Pioneer 38A25	233	18.8	18.8	18.8	110.2
June 13	Pioneer 35Y55	143	-	-	-	-
June 13	Pioneer 35Y55	157	-	-	-	-
June 13	Pioneer 35Y55	164	-	-	-	-
June 13	Pioneer 35Y55	176	2.0	3.0	4.0	4.0
June 13	Pioneer 35Y55	191	5.7	8.0	8.8	18.0
June 13	Pioneer 35Y55	204	8.7	11.3	12.3	42.8
June 13	Pioneer 35Y55	219	14.0	15.2	16.2	91.5
June 13	Pioneer 35Y55	233	18.3	18.3	18.3	109.3
June 13	Pioneer 38A25	143	-	-	-	-
June 13	Pioneer 38A25	157	-	-	-	-
June 13	Pioneer 38A25	164	-	-	-	-
June 13	Pioneer 38A25	176	2.0	3.5	4.5	4.1
June 13	Pioneer 38A25	191	6.2	8.7	9.7	18.7
June 13	Pioneer 38A25	204	9.5	12.7	14.0	52.2
June 13	Pioneer 38A25	219	16.0	16.5	17.7	99.8
June 13	Pioneer 38A25	233	19.3	19.3	19.3	109.0
Mean			10.9	12.4	13.2	54.9
Probability(%)						
Date of Planting (D)			0.0	0.0	0.0	0.0
Hybrid (H)			0.0	0.0	0.0	2.3
D x H			0.8	15.5	14.1	9.7
Sample DOY (S)			0.0	0.0	0.0	0.0
D x S			0.0	0.0	0.0	0.0
H x S			0.0	5.0	0.4	0.0
D x H x S			0.1	12.6	63.2	87.9
LSD(0.10)						
Date of Planting (D)			0.5	0.5	0.5	4.1
Hybrid (H)			0.1	0.1	0.1	0.8
D x H			0.2	NS	NS	1.4
Sample DOY (S)			0.2	0.2	0.2	1.6
D x S			0.4	0.4	0.4	4.0
H x S			0.2	0.3	0.3	2.3
D x H x S			0.6	NS	NS	NS
CV(%)						
			4	4	4	8