

Table 1. Performance of corn silage hybrids, early silage trial, Hoytville, OH, 2005.

BRAND / HYBRID	RM	TRT	YIELD				% QUALITY						MILK 2000	
			%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
ASGROW RX702YG	110	P250	40.7	20.5	8.3	97	81.6	20.4	40.0	54.1	6.3	39.1	3426	28467
BALDRIDGE BH609	110		34.8	20.0	7.0	92	77.9	26.5	49.4	55.3	7.1	23.8	3259	22667
CAMPBELL 6990	110	P250	40.5	20.7	8.4	95	81.4	21.9	41.6	55.2	6.1	37.6	3424	28774
DAIRYLAND Hi DF-3007	106	P250	38.8	22.2	8.6	93	81.2	21.0	40.2	53.2	6.4	38.0	3433	29474
DAIRYLAND STEALTH-1611	108	P250	40.5	20.8	8.4	97	81.0	21.8	41.7	54.5	6.1	37.1	3393	28601
DEKALB DKC52-23 (RR2/YGCB)	102	P250	43.8	18.8	8.2	100	82.2	19.5	38.2	53.4	6.1	41.4	3369	27706
DEKALB DKC54-47 (RR2/YGPL)	104	P250	42.9	21.1	9.0*	97	82.1	19.0	37.7	52.4	6.8	40.1	3371	30418
DEKALB DKC55-82 (RR2)	105	P250	42.9	20.2	8.7	99	81.0	21.7	41.6	54.3	6.5	37.3	3328	28747
DEKALB DKC57-30	107	P250	49.6	17.7	8.8*	93	81.3	19.3	37.9	50.7	6.3	43.3	3157	27613
DEKALB DKC57-84 (YGCB)	107	P250	43.0	19.9	8.5	100	82.0	20.2	39.2	54.1	6.0	39.4	3384	28847
GRIES X5112	110	P250	38.3	22.6	8.7	91	79.6	22.8	43.0	52.4	6.5	33.9	3325	28843
NK Brand N65-Y3	108	C250	43.1	20.6	8.9*	99	81.6	21.2	40.1	54.0	6.0	37.6	3358	29798
PIONEER 34A86	108	P250	43.6	20.5	9.0*	100	81.1	21.2	41.5	54.4	6.5	37.7	3315	29674
PIONEER 35D28	108	P250	42.0	22.2	9.3**	94	81.3	21.2	40.9	54.4	6.4	38.5	3372	31356
PIONEER 36K67	102	P250	42.7	20.3	8.6	95	81.6	20.2	39.2	53.0	6.4	40.4	3351	28903
RUPP XS1650	106	P250	38.7	21.7	8.4	91	79.9	22.7	42.4	52.6	6.3	35.8	3348	28121
TRELAY 7012	105	P250	43.6	19.0	8.3	98	82.2	20.1	39.2	54.7	6.7	40.5	3385	27924
VIGORO V51P42	110	C250	40.2	20.6	8.3	94	81.6	21.0	40.0	54.0	6.2	39.2	3438	28358
AVERAGE			41.6	20.5	8.5	96	81.1	21.2	40.8	53.7	6.4	37.8	3357	28572
HIGHEST			49.6	22.6	9.3	100	82.2	26.5	49.4	55.3	7.1	43.3	3438	31356
LOWEST			34.8	17.7	7.0	91	77.9	19.0	37.7	50.7	6.0	23.8	3157	22667
LSD (.05)			1.7	1.1	0.5	3	1.4	1.8	2.7	1.6	0.3	3.1	99	1728

\* Not Significantly Different from Highest Yielding Hybrid

\*\* Highest Yielding Hybrid

Table 2. Performance of corn silage hybrids, late silage trial, Hoytville, OH, 2005.

BRAND / HYBRID	RM	TRT	YIELD				% QUALITY						MILK 2000	
			%DM	GT/A	DT/A	%Std	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
ASGROW RX715RR2	111	P250	42.2	22.5	9.4	95	79.9	20.0	37.8	46.7	6.3	41.4	3200	30083
ASGROW RX785RR2/YGCB	113	P250	40.5	24.2	9.8	98	81.0	20.1	38.0	49.9	5.8	40.9	3363	32952
BECK'S 6197	112	P250	36.5	25.7	9.4	96	81.1	21.4	40.9	53.7	6.9	36.8	3495	32773
BECK'S 7538Bt1	115	P250	37.2	25.1	9.3	91	78.4	24.7	44.9	51.8	6.3	32.8	3274	30487
CAMPBELL 7110	111	P250	39.7	23.9	9.5	92	81.0	21.1	39.7	52.0	6.2	39.2	3408	32182
DAIRYLAND STEALTH-1615	111	P250	39.3	24.5	9.6	95	81.1	21.7	40.4	53.1	6.1	38.9	3430	32954
DEKALB DKC61-45 (RR2/YGCB)	111	P250	39.3	22.9	9.0	94	80.0	21.0	39.9	49.8	6.5	38.8	3328	29956
DEKALB DKC61-72 (RR2)	111	P250	40.7	23.0	9.4	98	81.0	19.7	37.8	49.8	6.7	40.9	3355	31472
DEKALB DKC63-62 (RR2)	113	P250	46.5	22.5	10.5**	97	81.7	18.8	36.9	50.4	6.3	42.7	3236	33969
DYNAGRO 57F87	114	P250	40.2	25.3	10.2*	93	81.1	21.1	39.1	51.6	6.0	39.7	3398	34509
DYNAGRO 57N13	112	P250	40.3	24.4	9.8	98	80.1	20.9	40.0	50.1	6.5	37.6	3309	32343
DYNAGRO 58K56	116	P250	32.3	29.1	9.4	94	78.5	26.5	47.7	55.0	6.6	27.2	3326	31216
DYNAGRO CX05614	114	P250	37.5	25.1	9.4	97	77.6	23.3	42.9	47.8	6.5	33.9	3175	29766
GARST 8200YG1	119	P250	38.4	25.0	9.6	97	80.2	21.1	39.6	50.0	6.4	37.5	3370	32360
GARST 8380IT	115	C250	39.1	24.9	9.8	95	80.2	21.5	40.1	50.7	6.2	39.2	3358	32730
GOLDEN HARVEST H-8920	111	C250	39.5	23.4	9.2	94	80.6	20.1	38.2	49.0	6.5	39.2	3355	30881
GOLDEN HARVEST H-9166	113	C250	38.1	25.0	9.5	97	81.7	19.2	37.0	50.6	6.7	39.5	3479	33137
ICORN 111.E3	111	C125XT	42.7	23.6	10.1*	95	79.9	21.7	40.3	50.1	5.7	38.2	3237	32606
MYCOGEN F24725	113	C125	35.5	24.2	8.6	93	82.5	20.7	41.0	57.2	6.6	34.7	3628	31020
NK Brand N82-J6	116	C250	33.8	27.2	9.2	94	79.9	22.9	42.3	52.5	6.4	36.0	3413	31356
NK Brand NX9104	120	C250	29.6	31.3	9.3	99	75.8	29.0	50.9	52.4	6.6	21.8	3086	28615
PIONEER 33A84	113	P250	39.5	23.6	9.3	92	80.2	21.4	39.7	50.2	6.3	38.0	3342	31073
PIONEER 33D63	114	P250	39.9	24.8	9.9	91	82.2	19.2	37.1	52.0	7.0	40.3	3480	34282
RUPP XS1904	113	P250	35.9	27.1	9.7	94	79.4	24.0	43.3	52.5	6.5	34.3	3366	32736
VIGORO V5240	112	C250	41.2	24.5	10.1*	100	80.6	21.3	39.2	50.5	5.8	39.7	3323	33400
WELLMAN W1820	115	P250	38.7	23.6	9.1	89	81.0	21.1	40.8	53.6	6.8	37.5	3450	31307
WELLMAN W2615	115	P250	39.5	24.9	9.8	91	82.1	20.2	38.3	53.1	6.2	39.4	3499	34292
AVERAGE			38.6	24.9	9.5	95	80.3	21.6	40.5	51.3	6.4	37.3	3359	32017
HIGHEST			46.5	31.3	10.5	100	82.5	29.0	50.9	57.2	7.0	42.7	3628	34509
LOWEST			29.6	22.5	8.6	89	75.8	18.8	36.9	46.7	5.7	21.8	3086	28615
LSD (.05)			1.8	1.3	0.5	4	1.5	2.1	3.0	1.6	0.3	3.4	108	1944

\* Not Significantly Different from Highest Yielding Hybrid

\*\* Highest Yielding Hybrid

RM	Relative Maturity	%ADF	Acid Detergent Fiber
TRT	Seed Insecticide Treatment	%NDF	Neutral Detergent Fiber
%DM	% Dry Matter	%NDFD	Neutral Detergent Fiber Digestibility
GT/A	Green Tons per Acre	%CP	Crude Protein
DT/A	Dry Tons per Acre	%STR	Starch
%STD	Percent Stand	MK/T	Milk per Ton
%IVD	(in vitro) Digestible Matter	MK/A	Milk per Acre