

Table 6-a. By location mean yield and agronomic traits of corn hybrids evaluated for silage in small plot replicated trials at the Middle Tennessee AgResearch and Education Center in Spring Hill, Tennessee during 2022. Analysis included hybrid performance over a 1 yr (2022), 2 yr (2021-2022) and 3 yr (2020-2022) period.

Hybrid	Herb. Pkg. [†]	Insect Pkg. [†]	Avg. Yield Dry Weight (tons/acre)			Avg. Yield 65% Moisture (tons/acre)			Milk/ton [§] (lbs/ton)			Milk/acre [§] (lbs/acre)		
			1 yr [‡]	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr
DKC 64-44 RIB	RR,LL	SSX	2.3 A			6 A			2,616 A			5,881 A		
NK1748-3110	RR,LL	3110	1.9 AB	3.4 A		6 AB	10 A		2,512 A	2,851 A		4,394 A-C	9,908 A	
DKC 70-64 RIB	RR,LL	SSX	1.3 C			4 C			2,399 A			3,135 C		
DKC 67-66 RIB	RR,LL	SSX	1.6 BC			5 BC			2,598 A			4,177 BC		
NK1701-3220-EZ1	RR,LL	3220	1.3 C	2.8 B	4.2	4 C	8 B	12	2,543 A	2,878 A	2,916	3,368 BC	8,472 A	12,831
NK1838 3110	RR,LL	3110	1.9 AB			6 AB			2,550 A			4,957 AB		
Average			1.7	3.1		5	9		2,536	2,865		4,319	9,190	
Standard Error			0.2	1.5		1	4		71	338		617	5,356	
L.S.D. _{.05}			0.54	0.5		1.6	1		N.S.	N.S.		1,567	N.S.	
C.V.			17	10		17	10		4	3		19	10	

Table 6-a, cont.

Hybrid	Herb. Pkg. [†]	Insect Pkg. [†]	Moisture at Harvest (%)			Plant Height (inches)			Ear Height (inches)			Lodging (%)		
			1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr	1 yr	2 yr	3 yr
DKC 64-44 RIB	RR,LL	SSX	69 A			73 A			31 A			0.0		
NK1748-3110	RR,LL	3110	71 A	71 A		70 A	86 A		28 A	31 A		0.0	0.0	
DKC 70-64 RIB	RR,LL	SSX	73 A			70 A			27 A			0.0		
DKC 67-66 RIB	RR,LL	SSX	74 A			71 A			25 A			0.0		
NK1701-3220-EZ1	RR,LL	3220	73 A	74 A	70	69 A	83 A	92	27 A	31 A	35	0.0	0.0	0.0
NK1838 3110	RR,LL	3110	66 A			70 A			28 A			0.0		
Average			71	72		71	84		28	31		0.0	0.0	
Standard Error			3	1		3	15		2	4		0.0	0.00	
L.S.D. _{.05}			N.S.	N.S.		N.S.	N.S.		N.S.	N.S.		.	.	
C.V.			6	5		7	4		11	12		.	.	

* Hybrids marked with an asterisk were in the top performing "A" group for yield across locations within two (**) or three (***) consecutive years of the previous three year evaluation period.

† For a full description of abbreviated biotech traits, see table 10.

‡ Hybrids that have any letter in common, within a column, are not significantly different at the 5% level of probability using a least significant difference (L.S.D) mean separation test. The L.S.D value is given, when significant differences were observed, and is marked as N.S., when no significant differences were observed among hybrids.

§ Based on University of Wisconsin Milk2006 software program.

|| ANOVA was not performed for lodging, mean values are given.