

Table 2-a. Across location mean yield and agronomic traits of corn hybrids evaluated for silage in small plot replicated trials at four REC locations in 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	6.4 A			18 A			3,138 A			20,842 A		
NK1748-3110	RR,LL	3110	5.8 A	6.8 A		17 A	19 A		3,337 A	3,261 A		20,287 A	22,425 A	
DKC 70-64 RIB	RR,LL	SSX	5.7 A			16 A			3,250 A			19,753 A		
DKC 67-66 RIB	RR,LL	SSX	5.7 A			16 A			3,160 A			18,710 A		
NK1701-3220-EZ1	RR,LL	3220	5.6 A	6.7 A	7.1	16 A	19 A	20	3,241 A	3,219 A	3,094	19,005 A	21,761 A	20,892
NK1838 3110	RR,LL	3110	5.4 A			15 A			3,297 A			18,282 A		
Average			5.8	6.7		16	19		3,237	3,240		19,480	22,093	
Standard Error			1.4	1.5		4	4		239	126		5,149	4,945	
L.S.D. _{.05}			N.S.	N.S.		N.S.	N.S.		N.S.	N.S.		N.S.	N.S.	
C.V.			15	13		15	13		7	4		16	12	

Table 2-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	66 A			98 A			40 A			0.2		
NK1748-3110	RR,LL	3110	68 A	69 A		95 A	102 A		36 A	39 A		0.1	0.0	
DKC 70-64 RIB	RR,LL	SSX	67 A			94 A			37 A			0.1		
DKC 67-66 RIB	RR,LL	SSX	67 A			95 A			35 A			0.2		
NK1701-3220-EZ1	RR,LL	3220	68 A	69 A	66	96 A	103 A	103	38 A	40 A	41	0.1	0.0	0.2
NK1838 3110	RR,LL	3110	68 A			98 A			37 A			0.1		
Average			67	69		96	103		37	40		0.1	0.0	
Standard Error			2	2		11	11		4	5		0.4	0.19	
L.S.D. _{.05}			N.S.	N.S.		N.S.	N.S.		N.S.	N.S.		.	.	
C.V.			6	4		7	6		10	11		.	.	

* 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.