

Table 7-a. By location mean yield and agronomic traits of corn hybrids evaluated for silage in small plot replicated trials at the Highland Rim AgResearch and Education Center in Springfield, Tennessee during 2022. Analysis included hybrid performance over a 1 yr (2022), 2 yr (2021-2022) and 3 yr (2021-2022) 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	7.2 A			20 A			3,268 A			23,600 A		
NK1748-3110	RR,LL	3110	7.0 A	6.4 A		20 A	18 A		3,609 A	3,382 A		24,953 A	21,844 A	
DKC 70-64 RIB	RR,LL	SSX	6.7 A			19 A			3,392 A			22,574 A		
DKC 67-66 RIB	RR,LL	SSX	7.2 A			21 A			3,483 A			25,307 A		
NK1701-3220-EZ1	RR,LL	3220	7.4 A	6.6 A	6.4	21 A	19 A	6	3,280 A	3,242 A	2,993	24,334 A	21,398 A	18,611
NK1838 3110	RR,LL	3110	6.7 A			19 A			3,422 A			23,003 A		
Average			7.0	6.5		20	19		3,409	3,312		23,962	21,621	
Standard Error			0.7	0.7		2	2		154	157		2,769	3,229	
L.S.D. _{.05}			N.S.	N.S.		N.S.	N.S.		N.S.	N.S.		N.S.	N.S.	
C.V.			9	9		9	9		7	4		11	10	

Table 7-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	68 A			95 A			38 A			0.0		
NK1748-3110	RR,LL	3110	67 A	69 A		85 A	88 A		34 A	35 A		0.0	0.0	
DKC 70-64 RIB	RR,LL	SSX	68 A			82 A			33 A			0.0		
DKC 67-66 RIB	RR,LL	SSX	65 A			85 A			33 A			0.0		
NK1701-3220-EZ1	RR,LL	3220	65 A	68 A	68	88 A	93 A	94	34 A	37 A	37	0.0	0.0	0.0
NK1838 3110	RR,LL	3110	68 A			92 A			35 A			0.0		
Average			67	69		88	90		35	36		0.0	0.0	
Standard Error			2	3		6	5		3	2		0.0	0.00	
L.S.D. _{.05}			N.S.	N.S.		N.S.	N.S.		N.S.	N.S.		.	.	
C.V.			4	3		11	13		14	13		.	.	

* 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.