

Table 5-a. By location mean yield and agronomic traits of corn hybrids evaluated for silage in small plot replicated trials at the Plateau AgResearch and Education Center in Crossville, 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	8.9 A			25 A			3,309 A			29,399 A		
NK1748-3110	RR,LL	3110	7.0 A	8.1 A		20 A	23 A		3,702 A	3,463 A		25,688 A	27,621 A	
DKC 70-64 RIB	RR,LL	SSX	7.2 A			20 A			3,582 A			25,638 A		
DKC 67-66 RIB	RR,LL	SSX	7.0 A			20 A			3,493 A			24,329 A		
NK1701-3220-EZ1	RR,LL	3220	7.0 A	8.4 A	7.7	20 A	24 A	22	3,456 A	3,318 A	3,113	24,114 A	27,628 A	23,533
NK1838 3110	RR,LL	3110	5.7 A			16 A			3,642 A			20,557 A		
Average			7.1	8.2		20	24		3,531	3,391		24,954	27,625	
Standard Error			0.8	1.3		2	4		133	194		2,451	2,996	
L.S.D. _{.05}			N.S.	N.S.		N.S.	N.S.		N.S.	N.S.		N.S.	N.S.	
C.V.			19	17		19	17		7	5		17	16	

Table 5-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	63 C			103 A			41 A			0.0		
NK1748-3110	RR,LL	3110	68 A-C	70 A		105 A	113 A		34 A	43 A		0.0	0.0	
DKC 70-64 RIB	RR,LL	SSX	65 BC			101 A			38 A			0.0		
DKC 67-66 RIB	RR,LL	SSX	64 BC			102 A			37 A			0.0		
NK1701-3220-EZ1	RR,LL	3220	70 AB	70 A	70	105 A	112 A	109	41 A	44 A	43	0.0	0.0	0.0
NK1838 3110	RR,LL	3110	74 A			101 A			36 A			0.3		
Average			67	70		103	113		38	43		0.0	0.0	
Standard Error			2	1		4	8		3	6		0.1	0.00	
L.S.D. _{.05}			6	N.S.		N.S.	N.S.		N.S.	N.S.		.	.	
C.V.			5	3		6	4		13	14		.	.	

* 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.