

Table 7-b. By location mean dry weight yield and feed quality characteristics 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 across 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)			Crude Protein [¶] (% dm)			Neutral Detergent Fiber [¶] (% dm)			30 hr In Vitro Neutral Detergent Fiber Digestibility [¶] (% of NDF)		
			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			9.2 BC			41.7 A			51.6 A		
NK1748-3110	RR,LL	3110	7.0 A	6.4 A		9.3 B	8.2 A		36.5 A	42.3 A		56.1 A	55.6 A	
DKC 70-64 RIB	RR,LL	SSX	6.7 A			9.8 A			40.2 A			55.1 A		
DKC 67-66 RIB	RR,LL	SSX	7.2 A			9.2 B			36.2 A			58.1 A		
NK1701-3220-EZ1	RR,LL	3220	7.4 A	6.6 A	6.4	8.6 C	8.1 A	8.2	40.7 A	44.2 A	47.9	51.6 A	53.0 A	53.8
NK1838 3110	RR,LL	3110	6.7 A			9.4 AB			39.3 A			55.8 A		
Average			7.0	6.5		9.3	8.2		39.1	43.2		54.7	54.3	
Standard Error			0.7	0.7		0.2	0.9		2.7	4.9		2.4	1.6	
L.S.D._{.05}			N.S.	N.S.		0.5	N.S.		N.S.	N.S.		N.S.	N.S.	
C.V.			9	9		3	4		12	7		6	4	

Table 7-b, cont.

Hybrid	Herb. Pkg. [†]	Insect Pkg. [†]	Starch [¶] (% dm)			Acid Detergent Fiber [¶] (% dm)			Total Digestible Nutrients [¶] (% dm)			Net Energy for Lactation [¶] (Mcal/lb)		
			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	28.7 A			20.3 A			70.5 A			0.70 A		
NK1748-3110	RR,LL	3110	35.8 A	27.9 A		17.9 A	21.3 A		75.2 A	73.6 A		0.75 A	0.71 A	
DKC 70-64 RIB	RR,LL	SSX	29.0 A			19.9 A			72.4 A			0.72 A		
DKC 67-66 RIB	RR,LL	SSX	34.8 A			17.5 A			73.9 A			0.73 A		
NK1701-3220-EZ1	RR,LL	3220	29.7 A	24.1 A	18.8	20.0 A	22.5 A	25.3	70.8 A	71.5 A	68.6	0.70 A	0.69 A	0.65
NK1838 3110	RR,LL	3110	31.6 A			19.0 A			72.9 A			0.72 A		
Average			31.6	26.0		19.1	21.9		72.6	72.5		0.72	0.70	
Standard Error			4.1	7.0		1.5	3.1		2.0	0.9		0.02	0.03	
L.S.D._{.05}			N.S.	N.S.		N.S.	N.S.		N.S.	N.S.		N.S.	N.S.	
C.V.			20	14		13	9		5	3		5	3	

* 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.

¶ Nutritive content values presented on a 100% dry matter (DM) basis.