

The yield of 13 alfalfa varieties, Gorman, TX, 1997-98.

Variety	Yield (lbs/A DM) 4-20-98	Yield (lbs/A DM) 5-21-98	Yield (lbs/A DM) 6-17-98	Yield (lbs/A DM) 7-14-98	Yield (lbs/A DM) 8-27-98	Yield (lbs/A DM) 9-24-98	Yield (lbs/A DM) 11-4-98	Total Yield (lbs/A DM)	Total Yield (tons/A @ 90% DM)
Amerigraze 701	1357.4 bc	451.3 a	1592.7 abc	911.8 a	952.6 a	1212.4 bcd	861.4 abc	7339.6 abc	4.1 abc
Ciba 2444	831.0 c	304.0 a	1235.0 bcd	714.9 a	863.9 a	1084.0 b-e	534.7 de	5567.5 cde	3.1 cde
Ciba 2888	1385.5 bc	308.2 a	1211.5 cd	795.6 a	819.9 a	986.6 c-f	488.4 de	5995.7 cde	3.3 cde
Cimarron 3I	1448.4 bc ^a	317.7 a	1549.8 a-d	737.6 a	901.8 a	1068.8 b-e	788.5 a-d	6812.6 bcd	3.8 bcd
DK 166	2125.8 ab	444.3 a	1583.3 abc	1027.0 a	1217.5 a	1263.0 b	1076.0 a	8736.9 a	4.9 a
DK 133	1083.8 c	336.2 a	1177.8 d	798.9 a	631.7 a	806.5 f	535.1 de	5370.0 de	3.0 de
Durango	2517.0 a	496.0 a	1628.2 ab	855.8 a	883.7 a	1086.1 b-e	906.6 ab	8373.4 ab	4.7 ab
Haygrazer	1319.8 bc	326.3 a	1421.2 a-d	643.9 a	981.3 ab	981.3 def	708.0 bcd	6381.8 cde	3.5 cde
OK 49	1315.8 bc	410.2 a	1627.5 ab	880.0 a	1115.7 a	1087.6 b-e	910.7 ab	7347.6 abc	4.1 abc
Ranger	697.1 c	186.3 a	1251.6 bcd	583.3 a	841.5 a	871.9 ef	358.3 e	4790.0 e	2.7 e
Rio	1966.6 ab	434.0 a	1684.6 a	865.4 a	1108.2 a	1235.6 bc	997.5 ab	8291.9 ab	4.6 ab
Rushmore	710.9 c	195.6 a	1152.3 d	735.5 a	681.8 a	788.0 f	593.7 cde	4857.9 e	2.7 e
Tahoe	1507.7 bc	459.9 a	1618.7 ab	932.5 a	1367.2 a	1554.6 a	1033.9 a	8474.5 ab	4.7 ab
CV	32.2	37.1	14.6	24.3	31.9	12.2	21.2	14.1	14.1

^aMeans in the same column with the same letter are not significantly different according to DMRT (P=0.05).

The quality of second harvest alfalfa, Gorman, TX, 1997-98.

Variety	Crude Protein (%)	ADF (%)	NDF (%)
Amerigraze 701	16.4 a	28.2 a	37.1 a
Ciba 2444	15.3 a	24.5 a	32.8 a
Ciba 2888	15.6 a	25.6 a	33.5 a
Cimarron 3I	19.2 a ^a	24.8 a	34.1 a
DK 166	17.9 a	24.9 a	34.4 a
DK 133	18.3 a	25.4 a	33.2 a
Durango	16.9 a	25.5 a	33.3 a
Haygrazer	16.9 a	25.0 a	32.6 a
OK 49	19.3 a	28.3 a	38.1 a
Ranger	17.5 a	24.8 a	32.9 a
Rio	16.9 a	26.6 a	33.7 a
Rushmore	18.6 a	23.7 a	31.9 a
Tahoe	17.4 a	24.0 a	31.8 a
CV	13.5	11.2	9.1

^aMeans in the same column with the same letter are not significantly different according to DMRT (P=0.05).