

Table 2. Forage Harvest - Winter Annual Small Grain Forages - 2010-2011 Various Dates - NMSU Agricultural Science Center at Clovis

Company Name	Variety Name	Species [†]	Harvest Date	Dry	65%	Moisture	Irrigation	Milk/Ton	Milk/Acre
				Forage T/ac	Moisture Forage T/ac	at Harvest %			
Ehmke Seed	T Tall	T	9-May	5.6 ***	15.9 ***	78.4	0.334 *	3049	16912 ***
Ehmke Seed	T Tall II	T	9-May	5.4 *	15.4 *	78.1	0.324 *	2945	15899 *
Curtis & Curtis, Inc.	SmoothGrazer	W/T	9-May	5.4 *	15.4 *	75.3	0.324 *	2865	15464 *
Curtis & Curtis, Inc.	Maximizer Plus	T/W	9-May	5.4 *	15.3 *	76.9	0.322 *	2729	14648
Curtis & Curtis, Inc.	SmoothGrazer Plus	T/W	9-May	5.3 *	15.1 *	77.4	0.318 *	2665	14110
Curtis & Curtis, Inc.	X2 Triticale	T	9-May	5.1	14.7 *	78.0	0.309	2896	14799
Curtis & Curtis, Inc.	Maximizer	W/T	2-May	5.1	14.5	75.2	0.352 *	2953	14944
Watley Enterprises, Inc.	SlickTrit II	T	2-May	5.1	14.4	77.9	0.351 *	2993	15113 *
Watley Enterprises, Inc.	SlickTrit	T	5-May	5.0	14.3	76.8	0.325 *	3103	15547 *
Agricultural Development Co.	Elite	T	5-May	4.8	13.9	78.4	0.315	2896	14089
Curtis & Curtis, Inc.	X3 Triticale	T	9-May	4.8	13.7	77.6	0.289	2796	13458
Curtis & Curtis, Inc.	X4 Wheat	W	2-May	4.8	13.7	74.4	0.333 *	2999	14386
Curtis & Curtis, Inc.	X5 Triticale	T	2-May	4.4	12.6	75.5	0.307	3071	13561
Curtis & Curtis, Inc.	Eldorado	W	5-May	4.3	12.4	75.5	0.282	3302	14320
Ehmke Seed	T Cale V	T	25-Apr	4.3	12.3	80.7	0.353 ***	3498 *	15019 *
Ehmke Seed	T Cale	T	25-Apr	4.2	11.9	80.4	0.343 *	3348	13918
Barkley Seed Co., Inc.	8-4 A	T	28-Apr	4.2	11.9	82.2 *	0.316	3207	13339
Curtis & Curtis, Inc.	Scout 66	W	25-Apr	4.2	11.9	79.5	0.342 *	3444 *	14319
Barkley Seed Co., Inc.	108 Childeric	T	28-Apr	4.1	11.6	81.8 *	0.308	3169	12844
Ehmke Seed	T Cale & Less	T	25-Apr	4.0	11.5	79.7	0.331 *	3676 *	14797
Barkley Seed Co., Inc.	103-A Brisk	T	25-Apr	3.9	11.1	78.7	0.318 *	3163	12241
Ehmke Seed	T Cale K	T	25-Apr	3.7	10.6	80.3	0.306	3684 ***	13735
Barkley Seed Co., Inc.	116-Winteriris	T	28-Apr	3.5	10.0	83.8 ***	0.266	3198	11163
Agricultural Development Co.	Jumbo	T	28-Apr	3.5	9.9	82.0 *	0.263	3594 *	12418
Barkley Seed Co., Inc.	Blizzard	T	5-May	3.4	9.7	79.9	0.222	3023	10267
Trial Mean				4.5	13.0	78.6	0.314	3130	14052
LSD (0.05)				0.5	1.4	2.1	0.036	301	1918
CV				6.8	6.8	1.6	6.9	5.9	8.3
F Test				<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

[†]B=barley; T=triticale; W=wheat

Plots were harvested at Feekes stage 10.0-10.3; 10.0=shath of flag leaf completely grown out, ear not visible; 10.3= half of heading process complete.

*** Highest numerical value in the column.

* Not significantly different from the highest numerical value in the column based on the 5% LSD.

Table 3. Forage Harvest - Winter Annual Small Grain Forages - 2010-2011 Various Dates - NMSU Agricultural Science Center at Clovis

Company Name	Variety Name	Species [†]	Harvest Date	CP	ADF	NDF	dNDF	Non-Fiber	TDN	RFQ
				% of DM	% of DM	% of DM	Dig. 48h % of NDF	Carb. % of DM	% of DM	% of DM
Ehmke Seed	T Tall	T	9-May	11.9	34.4 *	55.0	63.5	24.5	63.9	142
Ehmke Seed	T Tall II	T	9-May	11.8	35.7 *	56.7 *	62.0	23.0	62.6	132
Curtis & Curtis, Inc.	SmoothGrazer	W/T	9-May	11.8	34.4 *	55.8 *	59.2	24.5	61.9	128
Curtis & Curtis, Inc.	Maximizer Plus	T/W	9-May	10.9	37.6 *	59.3 *	58.0	22.4	60.1	117
Curtis & Curtis, Inc.	SmoothGrazer Plus	T/W	9-May	10.2	38.2 ***	59.7 ***	58.4	21.9	59.2	115
Curtis & Curtis, Inc.	X2 Triticale	T	9-May	12.9	35.9 *	56.0 *	60.8	22.8	62.1	132
Curtis & Curtis, Inc.	Maximizer	W/T	2-May	11.8	34.7 *	55.9 *	60.8	24.4	62.9	132
Watley Enterprises, Inc.	SlickTrit II	T	2-May	12.6	35.2 *	55.3 *	62.2	23.9	63.3	136
Watley Enterprises, Inc.	SlickTrit	T	5-May	12.5	33.2	54.4	62.9	25.6	64.8	142
Agricultural Development (Elite)		T	5-May	11.8	35.9 *	56.3 *	60.8	23.5	62.1	131
Curtis & Curtis, Inc.	X3 Triticale	T	9-May	11.3	36.5 *	58.1 *	59.1	23.4	60.9	122
Curtis & Curtis, Inc.	X4 Wheat	W	2-May	11.9	32.9	53.5	60.2	27.0	63.6	138
Curtis & Curtis, Inc.	X5 Triticale	T	2-May	12.6	33.0	53.2	61.8	26.6	64.4	143
Curtis & Curtis, Inc.	Eldorado	W	5-May	13.7	29.6	48.5	65.5	28.8 *	67.2	167
Ehmke Seed	T Cale V	T	25-Apr	14.2 *	30.1	49.5	69.6 *	27.7 *	69.5 *	176 *
Ehmke Seed	T Cale	T	25-Apr	13.2	31.2	51.5	67.0	27.1	67.7	163
Barkley Seed Co., Inc.	8-4 A	T	28-Apr	14.5 *	33.0	53.0	65.1	24.6	65.9	152
Curtis & Curtis, Inc.	Scout 66	W	25-Apr	15.4 *	29.5	49.3	67.6	27.4 *	69.0 *	172
Barkley Seed Co., Inc.	108 Childeric	T	28-Apr	14.3 *	33.5	54.1	65.0	23.8	65.4	147
Ehmke Seed	T Cale & Less	T	25-Apr	14.0 *	27.4	47.3	72.0 *	30.5 ***	71.7 *	192 *
Barkley Seed Co., Inc.	103-A Brisk	T	25-Apr	13.1	33.1	53.5	63.6	25.7	65.5	147
Ehmke Seed	T Cale K	T	25-Apr	15.9 *	27.8	46.3	73.0 ***	28.8 *	71.8 ***	197 ***
Barkley Seed Co., Inc.	116-Winteriris	T	28-Apr	15.1 *	33.7	53.0	65.8	23.6	65.8	152
Agricultural Development (Jumbo)		T	28-Apr	16.2 ***	28.4	45.7	71.9 *	28.4 *	70.6 *	194 *
Barkley Seed Co., Inc.	Blizzard	T	5-May	13.5	33.8	54.1	60.7	25.5	63.9	138
	Trial Mean			13.1	33.1	53.4	63.9	25.4	65.0	148
	LSD (0.05)			2.2	3.9	4.6	4.0	3.1	3.8	24
	CV			10.1	7.2	5.2	3.8	7.4	3.5	10.0
	F Test			<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001

[†]B=barley; T=triticale; W=wheat

Plots were harvested at Feekes stage 10.0-10.3; 10.0=sheath of flag leaf completely grown out, ear not visible; 10.3=half of heading process complete.

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