

2003 Summer Annual Alternative Forage Production - Silage and Winter Forage Trial- Richfield, UT

Planted June 7, 2003. Silage plots in 30-inch rows, winter forage 6-inch rows. Plot size: 2 rows X 25 ft. RCBD with 2 replications. Seeding rate: Silage-sorghums 5lbs/acre, corn 34,000 plts/acre. Winter forage-10 lbs/acre. Previous Crop: Alfalfa. 60 lbs N applied at planting. Sprinkler irrigation to germinate and 2 furrow irrigations. Harvested in Oct.-Nov. for Silage and May for winter forage both at a 6-inch stubble height. Fall harvested crude protein and in vitro true dry matter digestibility (IVTDMD) data from Whitney, ID trial courtesy of T. Griggs. BMR = brown midrib MS = male sterile DS = dry stalk RR = Roundup Ready WX = waxy endosperm

Brand/Source	Hybrid/Species	Silage DM tons/acre	W. Forage tons/acre	% Crude Protein	Fall Har. IVTDMD
Dekalb	FS 25E Forage Sorghum	5.34	2.57	7.1	77.6
Production + Plus	Redtop + Plus BMR MS For. Sorghum	5.22	3.48	6.5	77.2
Dekalb	SX17 SorghumXSudan	5.13	3.18	-	-
FFR	211A SorghumXSudan	4.80	2.29	-	-
Dekalb	DK 607RR 110 day Corn	4.20	-	-	-
Western & Wheatland	Sweet Bites SorghumXSudan	4.18	2.8	-	-
Dekalb	DKC 64-10 114 day Corn	4.15	-	-	-
IFA (Cedar City)	SS-333/SS-222 SorghumXSudan	4.14	2.2	-	-
Pioneer	39G12 Corn	4.04	-	-	-
Croplan	Greentreat BMR SorghumXSudan	3.98	3.39	11.3	78.6
Production + Plus	Nutri + Plus BMR SorghumXSudan	3.87	2.38	11.1	82.2
Dekalb	FS 5 Forage Sorghum	3.83	-	-	-
Pioneer	33J56 113 day Corn	3.76	-	-	-
Dekalb	DK 641 114 day Corn	3.65	-	-	-
Dekalb	DK 604WX 110 day Corn	3.59	-	-	-
Pioneer	3211 117 day Corn	3.52	-	-	-
NK	N48-V8MF-B6 Corn	3.14	-	8.3	82.7
NK	NK300 Forage Sorghum	3.12	2.38	-	-
NK	N09-A4 74 day Corn	3.10	-	11.7	81.6
Grand Valley	SX1190RR 95 day Corn	3.02	-	-	-
Croplan	Greentreat IV SorghumXSudan	2.95	2.02	13.6	83.6
Wheatland Seed	Hiyield Choice SorghumXSudan	2.93	1.83	7.3	83.2
UAP	Dannyboy BMR SorghumXSudan	2.85	2.38	7.3	80.6
Wheatland Seed	HT110 BMR SorghumXSudan	2.74	3.48	11.5	77.5
UAP	Dynagraze 222 SorghumXSudan	2.57	3.03	8.6	75
Production + Plus	MS 505 DS BMR SorghumXSudan	2.51	2.11	8.0	84.6
Production + Plus	Special Effort SorghumXSudan	2.05	3.12	10.0	73.3
Croplan	Trudan 8 Sudan	1.85	2.75	6.6	70.9
Production + Plus	Silo + Plus BMR SorghumXSudan	1.78	-	8.4	78.9
Average		3.52	2.67	9.15	79.17