

2006 Annual Forage Trials - Langdon Research Extension Center

Crop (Variety)	Yield			Height	Harvest Moisture	Harvest Date	Crude Protein	Total Digestible Nutrients	Acid Detergent Fiber	Neutral Detergent Fiber
	DM Basis	15% Moisture	70% Moisture							
Cool Season Forage	-----tons/a-----			in	%	d/m	-----% DM basis-----			
Haybet (barley)	4.3	5.1	14.3	37	57	25-Jul	6.6	53	43	69
Hays (barley)	5.0	5.9	16.7	36	58	25-Jul	8.7	63	35	58
Stark (oat)	4.6	5.4	15.1	48	63	25-Jul	8.1	60	37	60
Paul (oat)	4.4	5.2	14.6	50	65	25-Jul	7.5	57	40	63
Mean	4.6	5.4	15.2	43	61					
C.V. %	9.9	9.8	9.9	2.0	2.8					
LSD 5%	NS	NS	NS	1.4	2.7					

Planting Date: May 9. Harvest date was according to growth stage of approximately late milk/early dough. Barley was in the soft dough stage.

Crop (Variety)	Yield			Height	Harvest Moisture	Harvest Date	Crude Protein	Total Digestible Nutrients	Acid Detergent Fiber	Neutral Detergent Fiber
	DM Basis	15% Moisture	70% Moisture							
Warm Season Forage	-----tons/a-----			in	%	d/m	-----% DM basis-----			
Cerise (red proso millet)	2.6	3.0	8.5	41	69	10-Aug	9.9	63	35	57
PP102M (pearl millet)	2.3	2.7	7.6	55	78	10-Aug	11.7	62	36	63
GrazexII (sorghum-sudan)	4.1	4.8	13.5	71	75	10-Aug	10.0	63	34	58
Piper (sudangrass)	3.5	4.1	11.6	77	71	10-Aug	8.6	57	40	67
Mean	3.1	3.6	10.3	61	73					
C.V. %	17.4	18.2	17.4	9.3	3.9					
LSD 5%	0.9	1.1	2.9	9.1	4.6					

Planting Date: May 31. Harvest date was according to growth stage of approximately early heading to headed.