

## 2007 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							
<b>Cool Season Forage</b>	-----tons/a-----			<b>in</b>	<b>%</b>	<b>d/m</b>	-----% DM basis-----			
Stark (Oat)	4.7	5.5	15.6	47.7	72.4	23-Jul	8.7	56	41	58
Paul (Oat)	4.6	5.4	15.1	49.6	71.4	23-Jul	8.2	50	46	65
Haybet (Barley)	3.4	4	11.3	33.4	51.7	23-Jul	6.4	51	45	64
Hayes (Barley)	4.1	4.8	13.7	33.5	58.2	23-Jul	7.6	62	35	51
Souris (Oat)	4.7	5.6	15.8	46.5	70	23-Jul	8.1	58	39	55
Paul+Arvika (Oat+Pea)	3.9	4.6	13	48.6	73.8	23-Jul	9.6	53	44	61
Mean	4.2	5.0	14.1	43.2	66.2					
C.V. %	10.2	10.5	10.4	2.4	4.7					
LSD 5%	0.7	0.8	2.2	1.6	4.7					

Planting Date: May 27. Harvest date was according to growth stage of approximately late milk/early dough. Barley was in the hard dough stage.

Previous Crop: Fallow

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							
<b>Warm Season Forage</b>	-----tons/a-----			<b>in</b>	<b>%</b>	<b>d/m</b>	-----% DM basis-----			
PP102M (Pearl Millet)	2.5	2.9	8.2	58	76	20-Aug	5.3	57	40	61
Golden German (German Millet)	3.0	3.6	10.1	49	73	20-Aug	4.2	49	47	69
Piper (Sudan Grass)	2.5	2.9	8.2	71	71	20-Aug	4.9	56	41	63
Nutri+BMR (Sorghum+Sudan)	5.0	5.9	16.8	67	69	20-Aug	4.8	60	38	56
Cerise (Red Proso Millet)	1.7	2.1	5.8	36	65	20-Aug	3.3	56	41	60
Mean	2.9	3.5	9.8	56	71					
C.V. %	22.1	21.3	21.4	5.0	4.0					
LSD 5%	1.0	1.1	3.2	4.3	4.4					

Planting Date: June 1. Harvest date was according to growth stage of approximately early heading to headed.

Previous Crop: Wheat