

Annual Cool Season Forage Trial - 2008

Williston Research Extension Center

Variety	Crop	Plant Height in	Forage Moist. %	2006	2007	2008	3 yr avg	Crude Protein	ADF	Forage Quality			RFV
				DM Yield tons/a	DM Yield tons/a	DM Yield tons/a				NDF	TDN	-----%-----	
Haybet	Barley	13.7	56.8	1.6	3.2	0.7	1.8	16.9	23.9	43.2	70.3	152	
Hays	Barley	12.4	56.9	1.7	3.2	0.7	1.9	16.7	23.9	43.3	70.3	151	
Stark	Oat Hulless	21.0	61.2	1.3	3.1	0.5	1.6	15.7	26.8	46.0	68.0	138	
Paul	Oat Hulless	18.7	60.2	1.3	2.9	0.5	1.6	15.4	26.9	45.9	67.9	139	
Everleaf	Forage Oat	13.0	65.7	--	--	0.4	--	18.6	23.0	42.3	71.0	156	
2700	Triticale	16.9	56.1	1.6	3.0	0.7	1.7	17.2	25.9	46.6	68.7	138	
Arvika	Pea	16.0	65.9	0.8	1.9	0.4	1.0	NA	NA	NA	NA	NA	
2700 + Arvika	Triticale/Pea	20.8	55.5	--	2.8	0.6	--	17.5	25.8	44.0	68.8	146	
Paul + Arvika	Oat/Pea	20.4	58.4	1.3	2.7	0.6	1.5	16.4	26.7	42.4	68.1	150	
Haybet + Arvika	Barley/Pea	12.9	54.3	1.6	3.4	0.6	1.9	17.0	24.8	43.0	69.6	150	
EXP MEAN		16.6	59.1	1.1	2.7	0.6	--	16.8	25.3	44.1	69.2	146	
C.V. %		20.1	3.9	16.3	9.8	15.5	--	3.5	2.3	3.0	0.7	4	
LSD 5%		4.8	3.3	0.3	0.4	0.13	--	1.0	1.0	2.3	0.8	9	

Variety	Crop	Harvest	
		Date	Growth Stage and comments
Haybet	Barley	7/18/08	Mid Dough
Hays	Barley	7/18/08	Mid Dough
Stark	Oat Hulless	7/18/08	Late Milk
Paul	Oat Hulless	7/18/08	Late Milk
Everleaf	Forage Oat	7/18/08	15% Headed
2700	Triticale	7/18/08	Full Flower
Arvika	Pea	7/18/08	Early Dough
2700 + Arvika	Triticale/Pea	7/18/08	Flower + Hard Dough
Paul + Arvika	Oat/Pea	7/18/08	Late Milk + Hard Dough
Haybet + Arvika	Barley/Pea	7/18/08	Mid Dough (no visible pea pods)

Planting Date May 8 into durum stubble.