

2025 ANNUAL FORAGE - YIELD COMPARISONS

The 2025 annual forage trial combined all crops and varieties in one trial with three replicates per site.

Quality is highly dependent on plant maturity at harvest. Barley was harvested in mid dough stage; oats & triticale at milk- early dough stage; peas at early pod wrinkle; millet and sorghum at heading.

Crop	Variety	2025 Dry Matter Yield (tonnes/acre) ¹				Manitoba Average
		Arborg	Carberry	Melita	Roblin	
Oats	CDC Arborg ☺	2.0	2.7	5.5	5.6	3.95
Oats	ORe RUMINATOR ☺ VUA	2.1	3.2	4.7	5.4	3.85
Oats	ORe BOOST ☺ VUA	2.0	2.6	5.5	5.1	3.80
Oats	CDC Westgate ☺	2.1	4.2	6.2	6.3	4.70
Oat Average						4.08
Barley	AB Advantage ☺	3.1	4.0	5.8	6.8	4.93
Barley	AB Tofield ☺	3.1	3.5	4.2	6.5	4.33
Barley	CDC Renegade ☺	3.3	4.3	5.2	6.7	4.88
Barley	CDC Harness ☺	3.3	4.3	5.5	6.9	5.00
Barley Average						4.78
Peas/Barley	CDC Lewochko ☺ - AB Advantage ☺	3.1	4.0	4.0	6.3	4.35
Peas/Oats	DL Delicious ☺ VUA - CDC Arborg ☺	1.4	3.5	4.3	4.8	3.50
Pea/cereal Average						3.93
Spring Triticale	WCI Widdicombe ☺	2.4	4.0	5.3	5.6	4.33
Proso Millet	Crown ²	2.5	2.8	4.5	4.5	3.58
Foxtail Millet	Siberian ²	1.8	3.9	4.4	4.8	3.73
Millet Average						3.65
Sorghum Sudangrass	common ²	2.6	3.9	12.6	6.9	6.50
Forage Sorghum	common ²		2.5	10.1	9.9	7.50
Sorghum Average						7.00
Cover crop	Cover crop blend	1.6	3.2	4.5	5.8	3.78
Grand Mean (tonnes/acre)		2.4	3.6	5.8	6.1	
CV %		18.9	3.5	9.5	18.6	
LSD (0.05)		0.8	0.2	1.2	1.9	
Sig Diff		Yes	Yes	Yes	Yes	
Seeding Date		May 6 & 27	May 8	June 4	May 26	
Harvest Date		24-Jul	Aug 7,11 & 12	Aug 12,13 & 20	Aug 12 & Sept 23	

¹ Dry matter yields measured under a one-cut system.

² Due to lack of availability, common seed was used.

Sorghum and millet were harvested later at most of the sites due to their later maturity.

Sorghum and millet were seeded later in Arborg.