FORAGE CROPS

Annual Forages

Main Characteristics of Varieties

Variety[1]	Site Years	Days to Heading	Lodging Score[2]	Forage DM Yield (kg/ha)	Nutritional Data[3] (%)					
					CP	ADF	NDF	TDN	Ca	P
Barley										
AB Advantage	12	59	2	7941	9.7	30.4	49.3	66.2	0.29	0.19
CDC Austenson	12	61	1	7517	9.8	29.6	49.6	67.0	0.22	0.18
AB Cattelac	12	60	1	7284	9.3	28.7	49.0	67.9	0.30	0.18
CDC Copeland	12	62	1	7610	9.0	30.3	50.2	66.3	0.28	0.17
CDC Renegade	8	60	1	8631	9.3	28.2	46.2	68.5	0.22	0.17
AB Wrangler	8	61	1	7598	9.1	27.3	48.0	69.4	0.28	0.18
Oat										
CDC Arborg	12	56	1	7767	10.0	32.8	52.8	63.6	0.22	0.19
CDC Baler	12	61	1	8044	9.6	35.2	58.5	61.0	0.24	0.18
CDC Haymaker	12	59	2	8085	9.5	35.7	58.1	60.5	0.23	0.18
Wheat										
AC Andrew	8	56	1	7746	8.8	29.1	49.4	67.6	0.11	0.18
AAC Awesome VB[4]	12	58	1	9313	8.6	31.4	50.3	65.1	0.11	0.17
AAC Chiffon VB[4]	12	57	1	8869	8.3	30.6	49.1	66.5	0.10	0.17
AAC Innova	8	58	1	7431	9.2	30.1	48.5	66.3	0.10	0.18
Triticale										
AB Stampeder	12	54	1	8241	9.7	29.3	49.6	67.4	0.14	0.18

[1] Early spring seeding at recommended rates for cereal crops. Barley harvested at soft dough stage, oats harvested at late milk stage, wheat harvested at early dough stage and triticale harvested at soft dough stage.

[2] Lodging Score: 1 = upright to 9 = flat

[3] CP = crude protein; ADF = acid detergent fiber; NDF = neutral detergent fiber; TDN = total digestible nutrient; Ca = calcium; P = phosphorus. The values are based on dry matter basis.

[4] VB = varietal blend. Information on refuge varieties on Page VR13.

ADDITIONAL INFORMATION

For information on more annual forage varieties please refer to the table and interim report on the Wheatlands Conservation Inc. website at *www.wheatlandconservation.ca/research*. This project is funded through the Saskatchewan Ministry of Agriculture Strategic Field Program and includes some of the more common annual forage types and a few forage mixtures. A final report will be available once the three year project has been competed in 2022.

Perennial Forages

Variety trials for select forage perennials varieties were initiated in 2017. The project compared new varieties of economically important grass and legume species against check varieties. The goal was to provide reliable and independent regional performance information for Saskatchewan producers, seed companies and plant breeders. Plots were seeded at Swift Current (Brown Soil Zone), Saskatoon (Dark Brown Soil Zone), Melfort (Black Soil Zone) and Scott (Dark Brown Soil Zone) in the spring of 2017 and data was collected from 2018 to 2020. 48 forage entries of grasses and legumes (including check varieties) were assessed for hay yield and nutritive value. A full report is available within the resources section of the Saskatchewan Forage Council website.