

VARIETY PERFORMANCE

2007 Saskatchewan Seed Guide Field Pea Comparison

Variety - Silage	Years Tested	Yield (% of Cutlass)			Leaf Type	Relative Maturity	Vine Length (cm)	Resistance to:						Seed Weight (g/1000)
		1,2 & South 3	North 3 & 4	Irri.				Mycophae-rella Blight	Powdery Midew	Seed Coat Breakage	Lodging	Seed Coat Dimpling	Green Seed Coat	
Cutlass	7	100	100	100	SL	M	75	F	VG	F	G	F	G	220
40-10	2	83	94	-	N	L	100	P	P	F	P	G	n/a	170
Trapper	7	68	68	-	N	L	95	P	P	F	P	-	-	140
Victoria	7	74	72	-	N	M	85	P	P	F	P	G	-	170

Summary of Pea and Cereal Silage Mixtures - Barrhead 2001

Variety	Dry Matter (tonnes/ha)	Protein (%)	Protein (tonne/ha)	ADF (%)	NDF (%)	Ca (%)	P (%)
Swing Peas	5.85	17.12	1.00	28.92	38.97	1.98	0.23
40-10 Peas	6.31	21.66	1.37	32.66	41.59	1.94	0.31
Seebe Barley 2bu/ac	7.79	16.77	1.26	31.11	57.67	0.78	0.30
Triticale 2bu/ac	7.99	15.76	1.25	28.24	47.15	0.94	0.25
Seebe Barley 0.5 bu/ac & 40-10 Peas	7.06	19.72	1.40	30.71	43.30	1.92	0.29
Seebe Barley 1.0 bu/ac & 40-10 Peas	7.79	17.84	1.38	31.63	48.17	1.40	0.28
Seebe Barley 2.0 bu/ac & 40-10 Peas	8.02	17.19	1.38	30.03	50.58	1.12	0.28
Triticale 0.5bu/ac & 40-10 Peas	7.12	17.64	1.26	32.91	45.80	1.61	0.26
Triticale 0.5bu/ac & 40-10 Peas	7.60	17.63	1.33	29.72	45.05	1.49	0.26
Triticale 0.5bu/ac & 40-10 Peas	7.70	16.58	1.26	31.25	49.21	1.05	0.26
AC Ranger Barley	5.50	16.18	0.88	32.05	59.87	0.96	0.28
AC Ranger Barley & 40-10 Peas	7.08	19.31	1.36	29.31	43.32	1.76	0.30
Oats	6.99	17.33	1.21	32.85	54.35	0.70	0.27
Oats & 40-10 Peas	5.89	18.89	1.11	34.80	48.34	1.65	0.28

Nutritional Content of Silage Pea & Triticale Forage

Silage Peas	Dry Basis
Crude Protein (Dry)	15.00-20.00%
ADF	32.00-38.00%
NDF	52.00-58.00%
Crude Fibre	22.00-28.00%
TDN	56.00-62.00%
Calcium	0.40-0.80%
Phosphorus	0.32-0.42%
Magnesium	0.32-0.40%
Potassium	3.00-3.40%