

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

AC Morgan

White Hulled Milling / General Purpose Oat

AC Morgan is a very high yielding white hulled milling oat with excellent straw strength. In addition, AC Morgan also has excellent forage yield potential and nutrient composition. AC Morgan is susceptible to leaf rust and stem rust. AC Morgan is ideally suited to the lower rust risk areas of Alberta and northern Saskatchewan.

Strengths:

- Excellent grain yield potential
- Most widely-grown oat variety in Alberta and Saskatchewan
- Very good lodging resistance
- High percentage of plump kernels, low percentage of thin kernels

Neutral Traits:

- No longer a "preferred" milling oat due to lower Beta Glucan but still accepted.
- Medium maturity

Weaknesses:

- Susceptible to leaf rust and stem rust

Breeder:

Dr. Solomon Kibite
Lacombe Research Centre
Agriculture and Agri-Food Canada
Lacombe, AB

2017 Alberta Regional Silage Variety Trials

Variety	# of overall station years	Overall Yield (% of CDC Baler)	Yield Category (% of CDC Baler)			Nutritional Data (% of CDC Baler)					
			Low <8.0 t/ac	Medium 8.0-11.0 t/ac	High >11.0 t/ac	CP %	TDN %	Ca %	P %	K %	Mg %
CDC Baler (t/ac)		9.9	5.9	9.9	13.3	9.5	61.4	0.3	0.2	1.8	0.2
CDC Baler	39	100	100	100	100	100	100	100	100	100	100
CDC Haymaker	34	100	105	97	98	98	100	98	101	103	98
AC Morgan	38	101	105	96	101	98	101	100	111	100	97

VG = Very Good ; G = Good ; F = Fair; P = Poor; VP = Very Poor;