SeCan
Canada's Seed Partner

AC® Lu   White Hull Milling Oat

AC® Lu is an early maturing, white hulled milling oat with good lodging resistance and high test weight. AC® Lu has a better combination of early maturity and high grain yield than any other variety developed for western Canada. AC® Lu is best adapted to Alberta and Saskatchewan due to susceptibility to crown rust and stem rust.

Strengths:
- High grain yield, 12% higher yield than Ronald and 18.1% higher yield than CDC Dancer in Central Alberta sites
- Very early maturity, 2 days earlier than CDC Dancer, 5 days earlier than Ronald in Central Alberta sites
- Good lodging resistance, similar lodging resistance to CDC Dancer

- High test weight, equal test weight to CDC Dancer and Ronald

Neutral Traits:
- Plant height 7 cm taller than Ronald, 4 cm shorter than CDC Dancer
- Low % thin kernels, similar to CDC Dancer and Ronald

Weaknesses:
- Susceptible to leaf rust and stem rust
- Lower % plump kernels than Ronald and CDC Dancer

Breeder:
Agriculture and Agri-Food Canada
Lacombe, AB

1999-2000 Western Cooperative Oat Test (Black and Grey Wooded Soils of Alberta)

Entry	Yield (%Ronald)	Maturity (days)	Lodging 1 = best 9 = flat	Height (cm)	Test Weight (kg/hL)	% Plump Kernels	% Thin Kernels	Stem Rust	Leaf Rust
Ronald	100	109.2	1.1	98	50.0	63.2	3.6	R	R
CDC Dancer	95	107.6	1.2	109	50.3	70.7	2.1	R	I
AC® Lu	**112**	**105.6**	**1.4**	**104**	**50.9**	**56.8**	**4.2**	**S**	**S**

R=Resistant; I=Intermediate; S=Susceptible

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2011 Saskatchewan Varieties of Grain - Oat Comparison

| Variety | Yield % of CDC Dancer | | Test Weight (g/0.5L) | % Hull | % Plump | Relative Maturity* | Resistance to: | | | |
	Areas 1 & 2	Areas 3 & 4					Lodging	Stem Rust	Leaf Rust	Smut
CDC Dancer	100	100	253	19.8	70	M	G	F	F	VG
AC Morgan	104	108	236	25.1	54	L	VG	VP	VP	F
Ronald	96	99	249	22.4	55	L	VG	F	P	VG
AC® Lu	**102**	**103**	**248**	**25.2**	**47**	**E**	**G**	**VP**	**VP**	**G**

M=Medium; L=Late; VG=Very Good; G=Good; F=Fair; P=Poor; VP=Very Poor; E=Early

*Maturity Rating: M=96 days

For more information, call 1-800-665-7333 or visit www.secan.com