



**RE - INTRODUCING**



# AC MUSTANG



\*AC Mustang is a dual purpose (grain/silage) oat cultivar developed by Agriculture and Agri-Food Canada, Lacombe Research Centre, Lacombe, Alberta. It was registered on December 15, 1994 and is recommended for Alberta, Saskatchewan and the Peace Region of British Columbia.

AC Mustang was selected from a Cascade/Fraser cross made in 1984.

AC Mustang is one of the highest yielding cultivars in Alberta (yields about 10% more than Cascade), and is equal to Cascade in lodging resistance. It also has a higher test weight, higher % plump kernels, and a lower % thin kernels than Cascade. It has high hull content and is not suitable for milling.\*

Years after its original release, AC Mustang is still very competitive, with the second highest grain yield in Saskatchewan areas 3 & 4 and the highest yield in the Peace River region of Alberta & BC, and its also the highest yielder or near the top in most test categories throughout Alberta and always a top forage producer in all regions.

With many outstanding features such as high grain and forage yield, good lodging resistance, short plump kernels (which aid in wild oat cleanout), high bushel weight and high % plump plus a low levy rate of 3% and *no membership fees*, AC Mustang should be re-considered by most oat growers.

Please visit [www.mastinseeds.com](http://www.mastinseeds.com) for more information and to find a grower / retailer near you. You may also contact us at

Mastin Seeds  
RR 1  
Sundre, AB T0M 1X0

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email: [info@mastinseeds.com](mailto:info@mastinseeds.com)

\*Original description by Dr. Solomon Kibite - breeder of AC Mustang, one of the top plant breeders in Canada and the world.



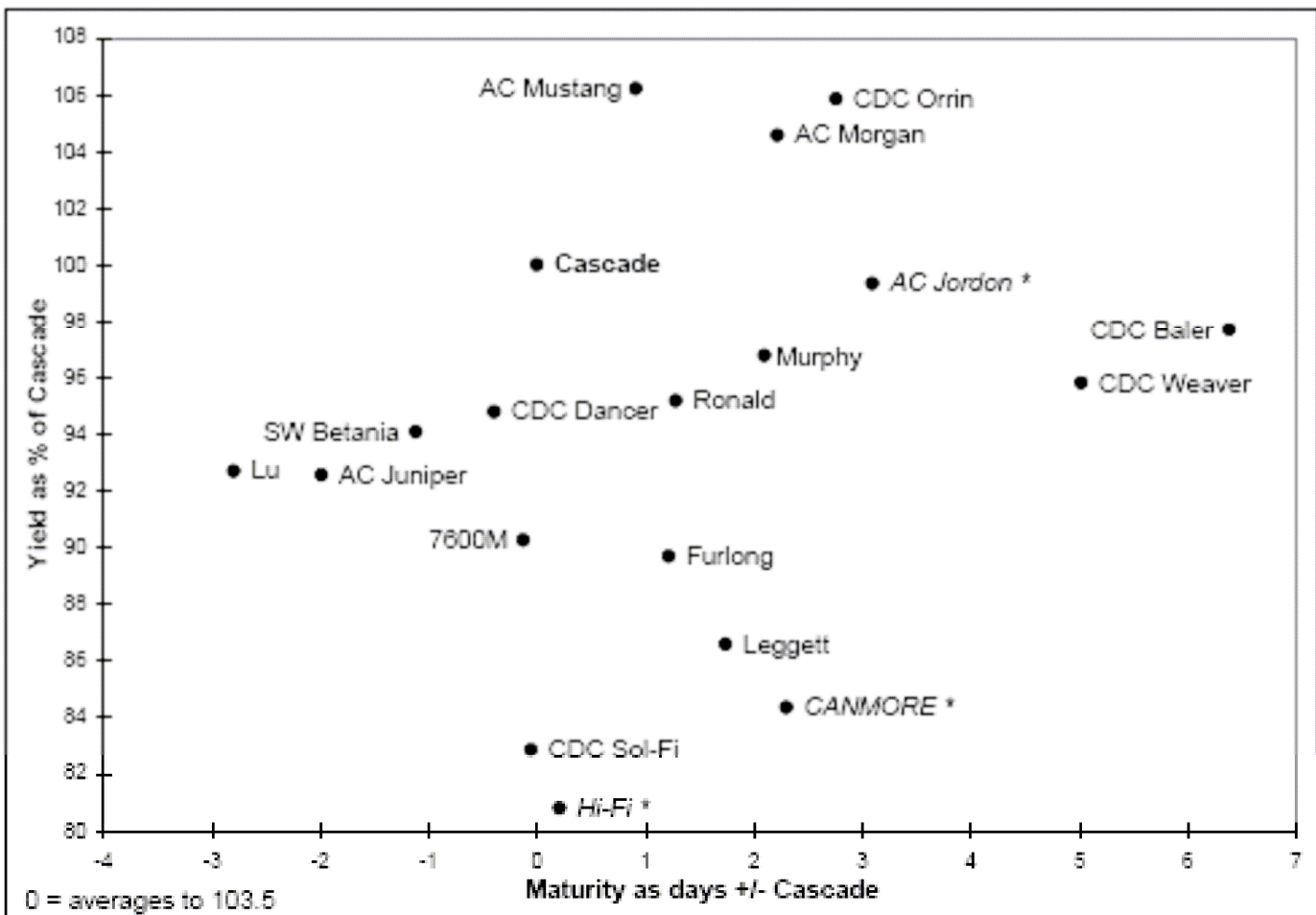
Dr. Solomon Kibite (1949-2003)  
visiting my farm August 2002



Some of the 2007 awards for AC Mustang

## Oats

## Regional Variety Performance 2003-2006



Oats for Feed

\*first year tested, very limited data available.



# Mustang roams prairies again

By Michael Raine  
Saskatoon newsroom

EDMONTON — Mustang came charging back this month.

The 13-year-old oat variety that was dropped by Agricore United has found a new home and a new life as a seed show winner and popular forage and grain oat.

Picked up by Mastin Seeds of Sundre, Alta., the oat won grand aggregate cereal and top oat awards at the Northlands Pedigreed Seed Show in Edmonton earlier this month and top oat at the Olds College Seed Fair and Hay Show in Olds, Alta.

“We were lucky to get Mustang,” Bob Mastin said. “Oats were at a low price, along with other feeds, the last few years and I guess Agricore decided they no longer needed it or didn’t want to market the variety.”

He said Mustang is a dual purpose variety with 107 percent of the Calibre yield and 122 percent of AC Assiniboia.

“It’s taller than Assiniboia as well. Early enough to be both a seed and a forage oat but late enough for good seed yields. It was also well timed for our planting as a silage crop with our Sundre barley. So it was good fit for our products.”

Mastin said the variety has been in demand since he reintroduced it to seed growers this winter.

Mustang came from Agriculture Canada’s breeding programs at Lacombe, Alta., and delivers a relatively heavy test weight, similar to Dumont.

“I’ve got a lot calls from the Peace River district (of northern British Columbia and Alberta), but seed growers from Manitoba and across Saskatchewan are asking for it again this spring too.”

In Alberta’s regional variety trials Mustang was the highest yielding oat from 2003 through 2006, with a maturity of one day over the 103.5 maturity of the standard Cascade.

Mustang performs particularly

well on the northern Prairies, scoring an average bushel weight of 42 pounds and 85 centimetre height in Peace River regional trials.

Mastin said an expected late spring in the Peace River district and higher feed prices should put Mustang seed sales into a steady gallop this season.

The crop is susceptible to crown and stem rust and has moderate resistance to smut and medium resistance to lodging.

“This was just a variety looking for a home and I happened to have one,” Mastin said.

Like Sundre barley, Mastin is keeping the seed premiums low on the variety, with a three percent flat charge for every bushel sold to commercial growers.

“It’s a concept that should keep brown bagging to a minimum,” he said. “If we as seed growers can offer commercial producers higher quality seed at a small premium we should get higher volumes of sales that make up for lost higher premiums in the short term. Over the long haul that encourages commercial growers to buy their seed from certified sources.”

Mastin said that should translate into higher yields for commercial producers and good long-term markets for seed growers.

“This old horse still has a few tricks in it.”



Bob Mastin says Mustang oats performs well on the northern Prairies. (Photo courtesy of Bob Mastin)

**Yield Data**

Variety	Areas					Test Yield Category				Comp. Mat. Days	Te. Wt. lb/bu	Kn. Wt. g/1000	Resistance to:		
	1	2	3	4	5&6	Low	Med	High	Very High				Ldg.	Smuts	
	Yield as % of Cascade					Yield as % of test mean									
<b>MILLING</b>															
7600m ▲	XX	103	92	98	92	98	91	95	91	1	40	45	F	R	
AC Morgan	107	124	114	105	107	110	112	111	114	2	40	41	VG	R	
CDC Boyer	97	110	99	98	97	103	102	102	102	1	39	42	G	S	
CDC Dancer ☼	83	109	107	97	96	100	100	101	102	-2	41	36	G	R	
CDC Orrin ☼	XX	110*	116	108	106	112	109	107	101	2	41	41	G	R	
CDC Sol-Fi ▲†	XX	116*	88	95	80	90	87	86	XX	0	40	38	F	R	
CDC Weaver ☼	XX	127*	114	108	97	106	108	102	101	2	40	44	F	R	
Derby	102	100	94	96	96	100	103	99	102	2	41	39	G	S	
Furlong ☼	XX	98*	100	101	90	98	97	96	XX	1	40	47	G	R	
Hi Fi	XX	98*	100	95	88	91	86	89	94	1	40	34	XX	XX	
Jordan ☼	XX	134*	103	121	109	109	104	114	110	4	39	45	G	R	
Leggett ☼	XX	113	97	101	90	95	95	96	99	4	41	39	G	R	
Ronald ☼	89	99	94	93	94	97	94	99	101	2	41	37	VG	R	
SW Betania ☼	XX	115*	111	107	97	106	104	101	100	0	40	40	G	R	
<b>SEED</b>															
<b>Cascade</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>103</b>	<b>104</b>	<b>104</b>	<b>101</b>	<b>105</b>	<b>40</b>	<b>37</b>	<b>G</b>	<b>S</b>	
AC Mustang ▲	109	111	109	112	108	119	113	112	115	1	42	38	G	I	
Lu	XX	XX	103	108	95	101	100	102	107	-3	41	40	G	R	
Waldern	XX	XX	XX	109*	109	XX	108	112	118	1	40	48	G	S	
<b>AC Mustang Ranking:</b>	<b>1<sup>st</sup></b>	<b>7<sup>th</sup></b>	<b>4<sup>th</sup></b>	<b>2<sup>nd</sup></b>	<b>3<sup>rd</sup></b>	<b>1<sup>st</sup></b>	<b>1<sup>st</sup></b>	<b>2<sup>nd</sup></b>	<b>1<sup>st</sup> or 2<sup>nd</sup></b>	<b>*</b>	<b>#1</b>	<b>Comp</b>	<b>2<sup>nd</sup> Best Rating</b>	<b>Comp</b>	

\*Very limited data for Waldern. AC Mustang can be ranked second only because of this limited data. Otherwise, it would be first.

Note: Test yield categories based on small plot data for hulled oats would be as follows: Low < 90 bu/ac; Medium = 90 to 135 bu/ac; High = 135 to 180 bu/ac; and Very High > 180 bu/ac. Yield % are based on test means for all varieties in the trial.

The following information taken from  
 SaskSeed 2008 Guide, page VR10  
 "Varieties of Grain Crops 2008" section

Oat

Main Characteristics of Varieties

Variety	Years Tested	Yield as % of CDC Dancer		Test Weight (g/0.5L)	% Hull	% Plump	Relative Maturity*	Lodging	Resistance to:		
		Area 1 & 2	Area 3 & 4						Stem Rust	Leaf Rust	Smut
CDC Dancer	8	100	100	253	19.8	70	M	G	F	F	VG
Calibre	8	97	99	246	23.6	39	M	F	VP	VP	P
7600M	6	96	97	261	22.0	69	L	F	F	VP	VG
SW Betania	5	105	106	245	22.0	67	L	G	VP	F	G
CDC Boyer	8	99	100	232	23.3	71	M	G	F	F	P
Derby	8	98	102	247	22.9	65	M	G	VP	VP	P
Furlong	6	102	104	245	21.6	76	L	G	F	P	VG
HiFi	4	99	98	253	22.4	55	M	G	F	VG	P
Jordan	5	109	118	238	22.4	76	VL	G	F	F	VG
Leggett	6	103	104	256	22.0	71	L	G	F	VG	VG
Lu	6	102	103	248	25.2	47	E	G	VP	VP	G
AC Morgan	8	104	108	236	25.1	54	L	VG	VP	VP	F
AC Mustang	8	105	111	244	29.9	62	L	G	VP	VP	P
CDC Orrin	6	108	109	253	23.2	74	L	G	VP	VP	VG
Pinnacle	8	113	109	244	23.6	70	VL	F	F	P	VG
CDC ProFi	3	100	92	245	19.8	72	M	G	F	P	VG
Ronald	7	96	99	249	22.4	55	L	VG	F	P	VG
CDC Sol-Fi	5	93	93	246	22.2	50	M	F	VP	VP	G
Triactor	3	113	110	240	22.8	66	L	G	P	G	VG
CDC Weaver	6	107	111	245	19.2	71	L	F	F	P	VG

\* Maturity Rating M = 96 days



AC Mustang	8	105	111	244	29.9	62	L	G	VP	VP	P
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# Promotional Resources Available:

**Sundre Barley Postage Stamp:** contact us for current pricing

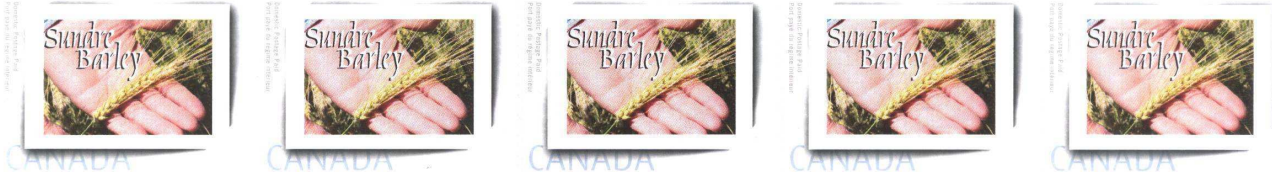
Picture Postage



10031915



Timbres-photos



**Field Signs:** \$10 each plus shipping



## Brochures

### INTRODUCING SUNDRE BARLEY



Sundre is a top yielding, smooth awned conventional barley with class leading grain and forage yields, distributed in a new and unique way. Between the outstanding traits of this barley and quality approaching 2-row standards, plus the unique method of distribution, Sundre should become the dominant feed barley in Western Canada.

It has the highest grain yield of any barley ever developed at Lacombe, and has one of the highest forage yields, outperforming AC Lacombe and Vivar by a huge margin of 12%.

Sundre has excellent multiple gene disease resistance and was found to be resistant to diseases in Canada, the United States and Mexico. It is susceptible to some diseases, which are controlled with seed treatments, and could be susceptible to lodging under very high fertility conditions.

Yields have exceeded 160 bushels/acre with very little lodging. The attached pictures are from one such field. Even more amazing, this field was hit with three small late season hailstorms and over 25 bushels/acre (as per crop insurance estimate) was knocked out of the heads and laying on the ground at harvest time.

Sundre exhibits a high level of competitiveness, making it ideal in a multiple grain forage blend or for arazino.

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### AC MUSTANG



**Canadian Wheat Board Calendar.**



Copies can be obtained from Roberta Rockell, at the CWB; contact her at (204) 984-1473.

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Probably the most important resource is my website at [www.mastinseeds.com](http://www.mastinseeds.com) which is continually being updated.