Cereals - Performance Trials

Barley

Yield Data	Yield by Test Yield Category				
Variety	Low	Medium	High	Very High	
	% of test mean				Avg
CDC Cowboy ▲	107*	92*	93*	93*	96.25
CDC Dolly	100	104	103	98	101.25
CDC Helgason	99	99	102	104	101
CDC Trey	101	99	100	100	100
CONLON	91*	91*	95*	90*	91.75
McLeod	105	105	104	105	104.75
Niobe	101	99	103	101	101
Ponoka	99	107	108	106	105
Rivers †	100	101	99	105	101.25
Seebe	100	103	101	97	100.25
XENA	109	111	110	113	110.75
AC Harper †	99	101	105	101	101.50
AC Lacombe †	105	104	106	103	104.50
AC Ranger †	108	111	106	105	107.50
AC Rosser †	109	108	106	107	107.50
CDC YORKTON	99	101	104	98	100.50
Manny	105	106	106	112	107.25
Stander †	101	100	104	102	101.75
Sundre ▲	105*	113*	110*	117*	111.25
Trochu	105	108	105	108	106.50

"…Harry Brook, Crop Specialist with AAFRD, says there are two ways of looking at cereal data - either by geographic area or by management style. While Brook says most producers probably look at the area tables, the test yield category can be useful as well…. " (The above table) summarizes yield date based on the yield category (low, medium, high) of the test sites, regardless of their geographical location. This newer method will allow producers to select the best performing varieties under high yielding conditions. Also, varieties that have consistent performance in both low and high yielding conditions indicate yield stability and thus reduced risk… (Obviously, Sundre has yield stability!)

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barley – *continued*

Other Characteristics

	Row Type	Awn Type	Mat. Days +/-	Te. Wt. lb/bu	Kn. Wt. g/1000	Ht. cm	Resistance to: Ldg.	Loose Smut	Fl. & Cov. Smut	Com Rt. Rot	Scald	Net Blt.	Toler. FHB
general purpose													
CDC Cowboy ▲	2	R	3	52	56	104	G	S	R	XX	S	I	G
CDC Dolly	2	R	0	53	49	75	F	S	R	I	I	S	F
CDC Helgason	2	R	-1	52	46	76	G	R	R	I	S	I	P
CDC Trey	2	R	-1	51	51	80	G	I	R	R	I	I	F
CONLON	2	S	-1	52	53	82	G	XX	S	R	S	I	G
McLeod	2	R	1	50	50	76	G	S	R	I	S	I	P
Niobe	2	R	-1	50	46	76	G	I	R	I	I	I	P
Ponoka	2	R	1	50	48	80	G	R	R	I	I	I	F
Rivers †	2	R	-1	49	49	74	G	R	R	R	S	R	F
Seebe	2	R	4	52	50	87	G	S	R	S	R	S	G
XENA	2	SS	1	52	50	79	G	S	I	R	S	S	G
AC Harper †	6	SS	0	48	40	80	G	S	I	I	I	I	P
AC Lacombe †	6	S	-1	48	42	85	G	S	R	S	I	I	VP
AC Ranger †	6	S	XX	49	43	75	F	XX	XX	XX	S	I	VP
AC Rosser †	6	S	2	48	41	82	F	S	R	I	S	I	VP
CDC YORKTON †	6	S	XX	48	38	85	G	S	R	R	S	I	P
Manny	6	R	-1	47	40	87	G	I	R	S	R	I	P
Stander †	6	SS	XX	51	40	84	G	S	S	I	S	S	VP
Sundre ▲	6	S	1	51	45	88	G	S	R	S	R	I	P
Trochu	6	S	0	49	41	79	G	S	R	R	I	I	P
semi-dwarf													
CDC Bold	2	R	0	53	48	73	VG	S	R	I	I	S	VP
Kasota †	6	R	-2	49	36	72	EX	S	R	I	R	I	VP
Mahigan †	6	SS	XX	50	35	73	EX	S	R	I	R	I	VP
Vivar	6	R	0	49	44	74	VG	I	R	R	I	I	VP
malting													
AC Metcalfe	**2**	**R**	**99**	**52**	**46**	**82**	**F**	**R**	**I**	**I**	**S**	**I**	**F**
Calder	2	R	-1	49	50	78	F	R	R	I	S	I	G
CDC Copeland	2	R	1	50	48	83	F	S	I	I	S	I	F

*** NOTE THE KERNEL WEIGHT AND BUSHEL WEIGHT OF SUNDRE BARLEY -- A 6 ROW BARLEY WITH A 2 ROW GRAIN QUALITY***

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