

Manitoba Potato News:

Monday, September 15, 2008

From the Crops Knowledge Centre, Manitoba Agriculture, Food and Rural Initiatives

Late Blight Forecast
Irrigation Information

Potato Late Blight Forecast

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Freezing Temperatures!

On Sunday morning at about 6 a.m., the weather stations at Harte and Melbourne recorded temperatures of -0.2 C.

Harvest activity will be in full swing this week, and disease management will shift from the field, to storage. Remember that the same principles apply in storage- humidity and temperature are critical risk factors for the development of rots. These factors are also important factors for tuber quality, so it may be a difficult balance to achieve, depending on the end use, variety, and disease risk of the crop.

The simple rule of thumb to remember is that rot will progress more quickly at warmer temperatures and higher humidity and never let free moisture or water films develop in storage as this provides ideal conditions for rot.

All the best for a safe and rewarding harvest!

If there is a weather station in your field that will need to be removed within the coming days prior to harvest, please call 745-5646 or email andy.nadler@gov.mb.ca. Thanks.

Yesterday's Conditions: September 14

Prepared by: Andrew Nadler, Ag-Meteorologist
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Location	date	Temperature			RH	Precipitation		Season*	P - Days		Disease Risk			Water Demand	
		max	min	avg	avg	(mm / inch)	Accum		%Norm	Daily	Total	7-Day	(mm / inch)		
Region: Southwest															
Shilo (i)	9-14	19.9	1.5	10.3	71%	0.2	0.01 "	15.8"	678	102	0	41	1	2.9	0.11
Forrest	9-14	16.2	2.0	9.3	69%	0.0	0.00 "	9.7"	681	103	0	34	1	2.2	0.09
Carberry CMCDC	9-14	17.6	0.2	9.0	74%	0.0	0.00 "	14.2"	668	101	0	44	2	2.5	0.10
Glenboro (i)	9-14	17.7	2.8	10.0	80%	0.0	0.00 "	14.8"	704	103	0	77	3	1.8	0.07
Harte (i)	9-14	18.3	-0.2	8.5	80%	0.0	0.00 "	16.7"	673	98	0	62	3	2.4	0.09
Gregg	9-14	17.6	1.4	9.1	78%	0.0	0.00 "	13.8"	679	100	0	38	2	2.1	0.08
Carberry South	9-14	18.0	1.5	9.3	81%	0.0	0.00 "	13.3"	664	100	0	54	2	2.1	0.08
Melbourne	9-14	19.2	-0.2	9.7	76%	0.0	0.00 "	12.3"	635	96	0	48	2	3.0	0.12
Wellwood (i)	9-14	17.2	0.8	9.3	73%	0.0	0.00 "	12.1"	480	100	0	14	0	2.7	0.11
Region: Central															
Treherne	9-14	17.4	5.4	10.5	73%	0.2	0.01 "	14.3"	710	104	0	33	3	2.4	0.09
Gladstone	9-14	18.4	6.0	11.2	72%	0.2	0.01 "	15.3"	718	103	0	56	2	2.1	0.08
Portage East	9-14	16.8	6.4	11.2	76%	0.0	0.00 "	11.9"	731	104	0	36	2	2.1	0.08
Elm Creek	9-14	16.5	7.7	11.9	74%	0.0	0.00 "	12.8"	727	106	0	49	3	2.0	0.08
Portage CMCDC (i)	9-14	18.4	7.4	11.9	75%	0.4	0.02 "	14.7"	772	103	0	41	1	2.1	0.08
SW Portage (i)	9-14	18.5	5.3	11.1	70%	0.0	0.00 "	9.6"	770	100	0	43	1	2.2	0.08
NW Portage (i)	9-14	18.7	7.4	11.9	75%	1.0	0.04 "	15.4"	785	103	0	33	1	2.0	0.08
Region: South															
Winkler CMCDC	9-14	16.5	5.1	10.8	81%	0.2	0.01 "	8.6"	711	98	1	55	5	2.1	0.08
Plum Coulee	9-14	18.1	5.8	11.5	82%	0.4	0.02 "	10.3"	684	94	1	46	4	2.4	0.09
Rosetown	9-14	19.3	5.4	11.4	80%	2.0	0.08 "	8.7"	704	93	1	49	4	2.6	0.10
Region: East															
St Pierre	9-14	17.6	4.3	11.4	76%	0.4	0.02 "	13.0"	706	103	0	44	2	2.7	0.11
Selkirk	9-14	16.7	5.6	11.2	74%	0.0	0.00 "	14.0"	721	101	0	56	4	1.8	0.07
Steinbach	9-14	16.6	3.4	10.8	72%	0.0	0.00 "	8.0"	706	103	0	24	2	2.2	0.09

(i) denotes a weather station under irrigation. Temperature RH sensors are located at canopy height.

*Since June 1 For more information, please visit the Manitoba Potato News Website: www.mbpotatonews.ca

The potato Late blight forecasting program is operated by KPPA, CMCDC, and MAFRI