

## **Montana Potato Late Blight Weather Data Report**

*August 9, 2010*

Late Blight risk is increasing in the Flathead, Broadwater County and parts of the Gallatin. The increase in severity values indicate disease *could* develop *if* inoculum were present. Fungicide applications for early blight control are recommended after an accumulation of 300 P-Days for early maturing varieties and at 400 P-Days for late maturing varieties.

<b><u>Site</u></b>	<b><u>Accrued Severity Values<sup>1</sup></u></b>	<b><u>P – Days<sup>2</sup></u></b>	<b><u>Fungicide Spray Recommendation</u></b>
<b><i>Churchill West</i></b> <i>(Schutter Seed Farm)</i>	<b>26</b>	<b>285</b>	<b><i>Late Blight Preventative</i></b>
<b><i>Churchill South</i></b> <i>(Kimm Seed)</i>	<b>9</b>	<b>353</b>	<b><i>Early Blight Preventative</i></b>
<b><i>Churchill North</i></b> <i>(Kimm Brothers)</i>	<b>5</b>	<b>257</b>	
<b><i>Townsend</i></b> <i>(Skinner Spuds)</i>	<b>37</b>	<b>372</b>	<b><i>Late Blight and Early Blight</i></b>
<b><i>Dillon</i></b> <i>(Cottom Seed, Inc.)</i>	<b>8</b>	<b>346</b>	<b><i>Late Blight and Early Blight</i></b>
<b><i>Deer Lodge</i></b> <i>(Leo Nicholes)</i>	<b>0</b>	<b>136</b>	
<b><i>Ronan</i></b> <i>(Lake Farms)</i>	<b>23</b>	<b>357</b>	<b><i>Late Blight and Early Blight</i></b>
<b><i>Polson</i></b> <i>(Lake Seed, Inc.)</i>	<b>53</b>	<b>371</b>	<b><i>Late Blight and Early Blight</i></b>
<b><i>Kalispell*</i></b> <i>(Streich &amp; Associates, Inc.)</i>	<b>17</b>	<b>265</b>	
<b><i>Fort Benton*</i></b> <i>(Maughan Farms, Inc.)</i>	<b>5</b>	<b>279</b>	

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<sup>1</sup> ***A threshold of 18 severity values is used for prediction of late blight disease development. Late blight is anticipated 7 to 14 days after 18 severity values have accrued from emergence when inoculum is present.***

<sup>2</sup> ***A threshold of 300 P-Days is used to schedule preventative sprays for Early Blight***

***\* Weather stations at Kalispell, Deer Lodge and Fort Benton were installed after plant emergence and may underestimate the accrued severity units and accumulated P-Days.***