

Potato Disease Advisory #4
May 22, 2008
Cooperative Extension System
University of Delaware

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Late blight Advisory

Disease Severity Value (DSV) Accumulation as of May 21, 2008 is as follows:

Location: Broad Acres, Zimmerman Farm, Rt. 9, Kent County.

Greenrow: April 27

Remember that 18 DSV's is the threshold to begin a spray program

Date	Total DSV	Spray Recommendation
4/27- 5/6	7	None
5/8- 5/10	16	None
5/11- 5/12	21	5-day spray interval
5/12- 5/14	21	5-day spray interval
5/16-5/17	27	7-day spray interval
5/18- 5/21	32	5- day spray interval

The rain event on Tuesday produced another period of favorable conditions for late blight infection. **The DSV threshold of 18 is exceeded and sprays should be initiated if not already done so.** Remember that these values are for potatoes that would have about 50% emergence and made a row that you can see on or before April 27.

Growers who do not want to rely only on the DSV calculations for scheduling fungicide applications should apply at least 1-2 sprays of mancozeb (Dithane, Manzate, Pencozeb, Manex II) or Bravo (chlorothalonil) before plants canopy down the row. At this point weekly fungicide applications would be suggested.

For specific fungicide recommendations, see the 2008 Delaware Commercial Vegetable Production Recommendations Book.