

Potato Disease Advisory
July 30, 2007
Cooperative Extension System
University of Delaware

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Disease Severity Value (DSV) Accumulation as of July 29, 2007 is as follows:

Location: Broad Acres, Zimmerman Farm, Rt 9, Greenrow: May 2

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

Date	LATE BLIGHT			EARLY BLIGHT
	Daily DSV	Total DSV	Spray Recs	Accumulated P days*
7/9-7/10	2	22	10 days	552
7/10- 7/11	0	22	10 days	558
7/11 – 7/15	0	22	10 days	589
7/15 -7/18	0	22	10 days	607
7/18- 7/19	1	23	10 days	622
7/19- 7/24	0	23	10 days	657
7/25- 7/26	2	25	10 days	673
7/26 – 7/27	1	26	10 days	679
7/27 -7/28	1	27	10 days	686
7/28 7/29			10 days	

P days- We use the predictive model WISDOM to determine the first fungicide application for prevention of early blight as well. The model predicts the first seasonal rise in the number of spores of the early blight fungus based on the accumulation of 300 physiological days (a type of degree-day unit, referred to as P-days) from green row. To date, **589 P-days** have accumulated at the site.

There have been no reports of late blight in the region on potatoes or tomatoes. Continue preventative fungicide applications for early blight and late blight until vine kill.

For specific fungicide recommendations, see the 2007 Delaware Commercial Vegetable Production Recommendations Book.