

Potato Disease Advisory #19
July 21, 2008
Cooperative Extension System
University of Delaware

Bob Mulrooney, Extension Plant Pathologist

Disease Severity Value (DSV) Accumulation as of July 20, 2008 is as follows:

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

Greenrow: April 27

Date	LATE BLIGHT			EARLY BLIGHT
	Daily DSV	Total DSV	Spray Recs	Accumulated P days*
6/22-6/23	1	45	10-day interval	418
6/23- 6/25	0	45	10-day interval	435
6/26- 6/30	0	45	10-day interval	466
6/30- 7/2	0	45	10-day interval	482
7/2- 7/3	0	45	10-day interval	489
7/4-7/5	1	46	10-day interval	496
7/5- 7/6	2	48	10-day interval	505
7/6 – 7/7	3	51	7- day interval	514
7/7- 7/9	0	51	7- day interval	536
7/9- 7/10	2	53	7- day interval	544
7/10- 7/13	0	53	10-day interval	566
7/13- 7/14	1	54	10-day interval	575
7/14- 7/16	0	54	10-day interval	589
7/16- 7/20	0	54	10-day interval	608

* **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, **608 P-days** have accumulated at the site.

Maintain fungicide applications. There have been no reports of late blight on either potato or tomato in the region. There was a report on potato from Erie County, PA late last week.

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