Potato Disease Advisory #18
July 17, 2008
Cooperative Extension System
University of Delaware

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Disease Severity Value (DSV) Accumulation as of July 16, 2008 is as follows:

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

Greenrow: April 27

	LATE BLIGHT			EARLY BLIGHT
Date	**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

*** 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.

Maintain fungicide applications. There have been no reports of late blight on either potato or tomato in the region.

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