

**Potato Disease Advisory #14**  
**June 29, 2009**  
**Cooperative Extension System**  
**University of Delaware**

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**Disease Severity Value (DSV) Accumulation as of June 28, 2009 is as follows:**

*Location: Shadybrook Farms, Little Creek, DE in Kent County.*

*Greenrow: May 1*

Date	LATE BLIGHT			EARLY BLIGHT
	Daily DSV	Total DSV	Spray Recs	Accumulated P- days*
6/10	0	84	7- day interval	332
6/10-6/12	10	94	7- day interval	350
6/13-6/14	0	94	7- day interval	360
6/15-6/16	2	96	7-day interval	396
6/17-18	10	106	7-day interval	406
6/19	4	110	7-day interval	410
6/20-6/21	1	111	5-day interval	434
6/22- 6/23	0	111	7- day interval	462
6/24	1	112	7-day interval	470
6/25- 6/28	0	112	10-day interval	495

**Late blight was reported in south-central PA, and Long Island, NY in addition to the discovery here in DE last week. Late blight on tomato has been reported from NJ, MD, PA, VA and, NY. Just as a comparison, last year at this time we had only accumulated 45 DSV's compared to the 112 accumulated this season. What a year!**

It looks like we are going to get a break in the weather in that it will not be favorable for late blight again for the next few days but will continue to be favorable for early blight. If several sprays of a late blight targeted fungicide have been made, the next spray could be a preventative spray of Bravo or mancozeb at the highest labeled rate. None of the targeted late blight fungicides such as Previcur Flex, Curzate, Ranman and now Revus should ever be used more than twice in a row to prevent resistance development in the fungus. When they are used read the label for mixing partners with a protectant fungicide and possible need for adjuvants.

**Note:** As of last Friday Syngenta announced that Revus (mandipropamid) received a supplemental label to add potatoes and tomatoes to its label for late blight control at 5.5- 8.0 fl oz/A on a 7-10 day interval. Addition of a non-ionic surfactant is recommended. It is another late blight specific fungicide that can be used.

Remember if you sprayed Curzate it has a short residual activity period especially when the temperatures are above 80 so you will need to make another fungicide application 5 days later at the maximum.

**If the fields are dry enough and you have the ability to ground-apply fungicides now would be a good time to get good coverage of any areas that an aerial application may not have covered well or at all (under power lines, next to buildings, fence rows, etc.**