

Potato Disease Advisory #11
June 28, 2010
Cooperative Extension System
University of Delaware

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Disease Severity Value (DSV) Accumulation as of June 27, 2010 is as follows:

Location: Art and Keith Wicks Farm, Rt 9, Little Creek, Kent County.

Green row: May 6

Date	LATE BLIGHT			EARLY BLIGHT
	Daily DSV	Total DSV	Spray Recs	Accumulated P- days*
6/11- 6/12	1	37	7-days	292
6/13 -6/14	2	39	7-days	305
6/15-6/16	0	39	7- days	315
6/16- 6/17	2	41	7-days	325
6/18- 6/20	0	41	7-10 days	354
6/21	0	41	10 days	360
6/22- 6/23	1	42	10-days	371
6/24- 6/25	0	42	10-days	381
6/26- 6/27	0	42	10-days	391

There have been new reports of late blight on tomatoes from central and northern PA, Long Island NY and CT last week. These have been home gardens for the most part. The weather has not been favorable for late blight recently. There have been no reports from eastern shore VA, NJ or DE to date.

Early blight and black dot. Many fields are flowering or have flowered and this is a good time to consider switching to an application or two of Gem, Headline, Quadris, or Evito (no black dot label) for early blight **susceptible** varieties. This can also be helpful for late season varieties including russets if stress makes plants susceptible to black dot later. Make one or two applications at the end of flowering and repeat 14 days later. Apply mancozeb or chlorothalonil 7-days later between the two applications. Another product that is labeled for early blight is Revus Top from Syngenta. Revus Top is a combination product of Revus (mandipropamid, Group 40) plus difenoconazole which is triazole fungicide (Group 3). Difenconazole has been used in Europe very successfully for early blight control. Since it is a different mode of action than the strobilurin fungicides (Group 11) it would be a good alternative if resistance is an issue if Gem, Quadris, or Headline are not controlling early blight. Revus Top will also control late blight.

For specific fungicide recommendations, see the 2010 Delaware Commercial Vegetable Production Recommendations Book.