

Potato Disease Advisory #5
May 31, 2010
Cooperative Extension System
University of Delaware

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Late blight Advisory

We are using the E-WEATHER SERVICE from SkyBit, Inc as we have in the past. The service determines specific requested weather parameters (temperature, relative humidity and rainfall) based on calculations of data from the nearest National Weather Service stations. This weather data is used in the WISDOM software program for predicting late blight and early blight and making spray recommendations.

Location: Art and Keith Wicks Farm, Rt 9, Little Creek, Kent County.
Green row: May 6

Date	DSV	Total DSV	Spray Recommendation
5/1 – 5/10	0	0	none
5/11-12	3	3	none
5/12 - 5 /13	1	4	none
5/14- 17	0	4	none
5/17- 5/19	7	11	None
5/20	0	11	none
5/21-5/23	0	11	none
5/23- 5/25	18	29	5-7 days
5/26	0	29	7-days
5/27- 5/28	1	30	10-days
5/29-5/30	1	31	10- days

Growers opting not to use the forecast system should put the first late blight fungicide application on when the plants are 6 inches tall, and repeat every 7 days. There are numerous fungicides now labeled for late blight control; however, use of mancozeb (Manzate, Penncozeb, or Dithane), chlorothalonil or Polyram are still very effective early season protective fungicides to use.

Fungicide sprays should be initiated if not done so already. We have accumulated 31 DSV's to date