

June 22, 2015

Welcome to the NDSU Potato Blightline for June 22 sponsored by Syngenta Crop Protection.

Current recommendations:

No late blight has been reported in our region. As you all know, our potato planting and emergence are ahead of normal, and late blight severity values are accumulating due to the wet and cool conditions in June. Several locations have reached late blight severity values of 15, including Beach, Leonard and Oakes. At this threshold value, accumulated conditions are conducive for late blight if inoculum is present, growers are encouraged to apply a protective fungicide such as chlorothalonil or mancozeb. Chlorothalonil is in short supply this year and may be difficult to find.

The accumulated late blight severity values as of today for the irrigated sites are:

Beach	16	Hofflund	5	Inkster	12
Karlsruhe	7	Leonard	15	Linton	13
Mandan	9	Michigan	14	Minot	6
Oakes	17	Robinson	14	Tappen	12
Williston	9				

The accumulated late blight severity values as of today for the non-irrigated sites are:

Ada	12	Cando	4	Cavalier	5
Crary	2	Eldred	8	Forest River	5
Grafton	6	Grand Forks	7	Hillsboro	9
Humboldt	4	Perley	5	Rolla	2
Sabin	9	St. Thomas	7	Stephen	13
Warren	12				

P values, a measure of early blight susceptibility, are accumulating, with several sites at 250+. We recommend the first early blight fungicide application when p-values reach 300.

Preventing first sources of late blight is a critical part of late blight management. These sources of initial inoculum are culls, volunteers and seed. Remember to destroy all cull piles as they can be a source of late blight and other diseases. It is important to scout fields for late blight early and all season.

Thank you for using the NDSU Blightline.