

July 8, 2015

Welcome to the NDSU Potato Blightline for July 8 sponsored by Syngenta Crop Protection.

Current recommendations:

No late blight has been reported in our region of ND, MN or MB. Late blight has been reported in potatoes in Morgan County, CO. The genotype is US8, which was first reported in 1995, has been found only rarely in recent years. Late blight severity values in our area continue to accumulate. Most irrigated locations have reached late blight severity values of 15, including Beach, Inkster, Karlsruhe, Leonard, Linton, Mandan, Michigan, Minot, Oakes, Robinson and Tappen. The non-irrigated locations of Ada, Humboldt, Rolla, Sabin, Stephen and Warren have also accumulated 15 severity values. At this threshold value of 15, accumulated conditions are conducive for late blight if inoculum is present; growers are encouraged to apply a protective fungicide such as chlorothalonil or mancozeb.

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

Beach	21	Hofflund	11	Inkster	22
Karlsruhe	22	Leonard	26	Linton	25
Mandan	21	Michigan	29	Minot	20
Oakes	23	Robinson	27	Tappen	21
Williston	1				

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

Ada	16	Cando	12	Cavalier	12
Crary	12	Eldred	10	Forest River	13
Grafton	12	Grand Forks	12	Hillsboro	13
Humboldt	19	Perley	9	Rolla	17
Sabin	16	St. Thomas	14	Stephen	25
Warren	22				

P values, a measure of early blight susceptibility, are accumulating. Most sites are at 300 or approaching p day values of 300. We recommend the first early blight fungicide application when p-values reach 300.

Remember to scout fields for late blight early and all season. Pay particular attention to areas near shelterbelts and low lying areas where moisture persists for longer times. Destroy all cull piles that can act as source of initial late blight inoculum.

Thank you for using the NDSU Blightline.