

July 19, 2016

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

Current recommendations:

Late blight has been reported in western Manitoba according to Vikram Bisht of Manitoba Agriculture. Late blight has not been reported in ND or MN. Late blight severity values have increased the past few days in north central ND and northwestern MN and conditions have been favorable for late blight due to the continuing rains. Many sites have exceeded the threshold value of 15. At this value, the accumulated weather conditions are favorable for late blight infection if inoculum is present. The sites at Crary, Eldred, Grafton, Hofflund, Humboldt, Inkster, Karlsruhe, Michigan Rolla and Warren have reached severity values of 15 or greater and a protective fungicide should be applied to potatoes in that area to protect against late blight. The protective fungicides mancozeb and chlorothalonil provide protection for both late and early blight and are best applied just before or at row closure. We recommend that growers continue to scout often for late blight.

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

Beach	12	Hofflund	17	Inkster	16
Karlsruhe	21	Linton	4	Mandan	4
Michigan	38	Minot	4	Oakes	4
Robinson	0	Tappen	0	Williston	1

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

Ada	7	Cando	12	Cavalier	9
Crary	43	Eldred	29	Forest River	9
Grafton	37	Grand Forks	9	Hillsboro	10
Humboldt	34	Perley	6	Rolla	55
Sabin	11	St. Thomas	11	Stephen	8
Warren	45				

P-day values, an indicator of conditions favorable for early blight, are over threshold values and growers should be applying protectant fungicides for managing early blight. Some blackleg is present in wet fields, and we expect more plants with blackleg and field decay as the weather becomes warmer in the next few days. We will be testing some samples for Dickeya.

Thank you for using the NDSU Blightline.