

July 23, 2018

Welcome to the NDSU Potato Blightline for 2018 sponsored by Syngenta Crop Protection.

Current recommendations:

Late blight had been found in tomatoes in Ottertail county MN, no other late blight has been reported in our region. Late blight has also been reported in the Columbia Basin in Washington. Late blight severity values continue to increase and all locations except for Hofflund and Williston- have reached the late blight severity threshold value of 15. At this value, conditions for late blight have been favorable and disease is expected to occur if inoculum is present. Protectant fungicides should be applied to fields in areas that have reached the threshold value of 15 or greater.

The threshold value for early blight has also been reached and all growers should be applying fungicides for early blight. Early application of fungicides before symptoms are present provides the best protection for early blight. The protectant fungicides mancozeb and chlorothalonil will protect leaves from both early and late blight infection.

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

Beach	16	Hofflund	14	Inkster	27
Karlsruhe	19	Linton	17	Mandan	15
Michigan	32	Minot	20	Oakes	34
Robinson	29	Tappen	19	Williston	13

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

Ada	34	Cando	20	Cavalier	24
Crary	30	Eldred	35	Forest River	30
Grafton	28	Grand Forks	27	Hillsboro	28
Humboldt	23	Perley	28	Rolla	41
Sabin	32	St. Thomas	23	Stephen	26
Warren	35				

It is important to scout fields for late blight early and all season concentrating on areas that remain wet longer such as next to tree lines and around wellheads. Remember that late blight is a community disease that needs to be reported for community management.

Thank you for using the NDSU Blightline.