

July 17, 2017

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

Current recommendations:

No late blight has been reported in ND, MN or MB. Late blight has been reported in central WA (US8) and in MI (US23).

Late blight severity values accumulated in the northern half of the Red River Valley in both MN and ND. Many areas have reached or exceeded the late blight threshold value of 15. This indicates that conditions have been favorable for late blight infection if inoculum is present. A protectant fungicide should be applied when the threshold value reaches 15 or just prior to row closure, whichever occurs first. It continues to be important to scout for late blight in those areas where the threshold has been reached concentrating on areas of the field that stay wet longer such as along tree lines and low areas where water accumulates.

Early blight is endemic in our area and protective fungicides are recommended before disease occurs. The p-value threshold of 300 that indicates conditions have been favorable for early blight infection has been reached in all production areas and protective fungicides for early blight should be applied. The protectant fungicides mancozeb and chlorothalonil provide protection for both early blight and late blight.

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

Beach	0	Hofflund	0	Inkster	16
Karlsruhe	4	Linton	3	Mandan	1
Michigan	13	Minot	1	Oakes	3
Robinson	3	Tappen	4	Williston	0

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

Ada	19	Cando	8	Cavalier	19
Crary	7	Eldred	20	Forest River	19
Grafton	15	Grand Forks	19	Hillsboro	22
Humboldt	16	Perley	20	Rolla	15
Sabin	12	St. Thomas	13	Stephen	19
Warren	27				

Thank you for using the NDSU Blightline.