

July 1, 2015

Welcome to the NDSU Potato Blightline for July 1 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 Adams County, and more recently in Waushara County, WI. Late blight has been reported in potatoes in Franklin County, WA. The genotypes have not yet been identified. Late blight severity values in our area have stabilized somewhat are accumulating slower. Several irrigated locations have reached late blight severity values of 15, including Beach, Inkster, Leonard, Linton, Michigan, Oakes and Robinson. 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.

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

| | | | | | |
|-----------|----|----------|----|---------|----|
| Beach | 18 | Hofflund | 7 | Inkster | 17 |
| Karlsruhe | 11 | Leonard | 21 | Linton | 15 |
| Mandan | 13 | Michigan | 21 | Minot | 10 |
| Oakes | 18 | Robinson | 17 | Tappen | 14 |
| Williston | 9 | | | | |

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

| | | | | | |
|----------|----|-------------|---|--------------|----|
| Ada | 14 | Cando | 5 | Cavalier | 6 |
| Crary | 4 | Eldred | 8 | Forest River | 7 |
| Grafton | 7 | Grand Forks | 8 | Hillsboro | 11 |
| Humboldt | 9 | Perley | 8 | Rolla | 7 |
| Sabin | 13 | St. Thomas | 7 | Stephen | 14 |
| Warren | 14 | | | | |

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.

Have a safe and happy Independence Day. Thank you for using the NDSU Blightline.