

Potato Disease Management

5/15/2007 through 8/30/2007

Plover

| Mid emergence weather station | Max. Temp. | Min. Temp. | Avg. Temp. | Hours High RH | Precipitation | Severity | Accum. Severity | PDays | Accum. PDays |
|-------------------------------|------------|------------|------------|---------------|---------------|----------|-----------------|-------|--------------|
| 2007 May 15 | 68.22 | 46.51 | 57.36 | 0 | 0.03 | 0 | 0 | 6.45 | 6.45 |
| May 16 | 57.92 | 44.38 | 51.15 | 0 | 0.14 | 0 | 0 | 3.93 | 10.39 |
| May 17 | 70.00 | 34.67 | 52.33 | 0 | 0.00 | 0 | 0 | 4.35 | 14.74 |
| May 18 | 73.45 | 36.04 | 54.75 | 0 | 0.00 | 0 | 0 | 5.07 | 19.80 |
| May 19 | 82.87 | 53.46 | 68.16 | 0 | 0.00 | 0 | 0 | 7.95 | 27.75 |
| May 20 | 58.30 | 39.16 | 48.73 | 0 | 0.00 | 0 | 0 | 2.89 | 30.64 |
| May 21 | 78.71 | 44.39 | 61.55 | 0 | 0.34 | 0 | 0 | 6.48 | 37.12 |
| May 22 | 87.01 | 50.94 | 68.97 | 0 | 0.00 | 0 | 0 | 7.00 | 44.12 |
| May 23 | 86.52 | 61.14 | 73.83 | 0 | 0.21 | 0 | 0 | 7.64 | 51.76 |
| May 24 | 81.79 | 47.62 | 64.71 | 0 | 0.40 | 0 | 0 | 7.09 | 58.84 |
| May 25 | 72.59 | 43.50 | 58.04 | 0 | 0.00 | 0 | 0 | 6.18 | 65.02 |
| May 26 | 66.40 | 44.45 | 55.43 | 0 | 0.07 | 0 | 0 | 5.58 | 70.61 |
| May 27 | 70.59 | 44.57 | 57.58 | 0 | 0.01 | 0 | 0 | 6.15 | 76.76 |
| May 28 | 75.60 | 42.42 | 59.01 | 0 | 0.38 | 0 | 0 | 6.21 | 82.97 |
| May 29 | 87.12 | 58.53 | 72.82 | 0 | 0.00 | 0 | 0 | 7.55 | 90.52 |
| May 30 | 89.06 | 59.07 | 74.07 | 0 | 0.00 | 0 | 0 | 7.28 | 97.80 |
| May 31 | 79.47 | 57.61 | 68.54 | 10 | 0.03 | 1 | 1 | 8.87 | 106.67 |
| Jun 1 | 82.36 | 54.59 | 68.48 | 0 | 0.00 | 0 | 1 | 8.16 | 114.83 |
| Jun 2 | 79.29 | 60.64 | 69.96 | 13 | 0.49 | 2 | 3 | 9.11 | 123.95 |
| Jun 3 | 65.34 | 54.88 | 60.11 | 28 | 0.27 | 4 | 7 | 8.21 | 132.16 |
| Jun 4 | 74.19 | 55.94 | 65.07 | 0 | 0.00 | 0 | 7 | 8.95 | 141.10 |
| Jun 5 | 69.33 | 46.26 | 57.79 | 0 | 0.04 | 0 | 7 | 6.51 | 147.62 |
| Jun 6 | 76.17 | 43.91 | 60.04 | 0 | 0.17 | 0 | 7 | 6.42 | 154.03 |
| Jun 7 | 82.89 | 59.14 | 71.02 | 0 | 0.00 | 0 | 7 | 8.43 | 162.47 |
| Jun 8 | 73.78 | 46.11 | 59.95 | 0 | 0.00 | 0 | 7 | 6.84 | 169.31 |
| Jun 9 | 83.28 | 41.57 | 62.43 | 0 | 0.42 | 0 | 7 | 5.97 | 175.28 |
| Jun 10 | 85.86 | 52.65 | 69.25 | 0 | 0.00 | 0 | 7 | 7.30 | 182.58 |
| Jun 11 | 85.19 | 52.20 | 68.69 | 0 | 0.44 | 0 | 7 | 7.38 | 189.96 |
| Jun 12 | 86.59 | 53.87 | 70.23 | 0 | 0.43 | 0 | 7 | 7.35 | 197.30 |
| Jun 13 | 88.83 | 51.71 | 70.27 | 0 | 0.00 | 0 | 7 | 6.94 | 204.25 |
| Jun 14 | 92.53 | 56.03 | 74.28 | 11 | 0.00 | 1 | 8 | 6.70 | 210.94 |
| Jun 15 | 87.57 | 57.42 | 72.49 | 15 | 0.43 | 2 | 10 | 7.46 | 218.41 |
| Jun 16 | 84.15 | 60.94 | 72.55 | 13 | 0.60 | 2 | 12 | 8.20 | 226.61 |
| Jun 17 | 85.21 | 58.24 | 71.73 | 0 | 0.00 | 0 | 12 | 7.87 | 234.48 |
| Jun 18 | 83.16 | 63.46 | 73.31 | 14 | 1.00 | 2 | 14 | 8.43 | 242.91 |
| Jun 19 | 74.95 | 50.86 | 62.91 | 0 | 0.01 | 0 | 14 | 8.03 | 250.94 |
| Jun 20 | 82.74 | 46.74 | 64.74 | 0 | 0.20 | 0 | 14 | 6.80 | 257.75 |
| Jun 21 | 82.18 | 57.22 | 69.70 | 0 | 0.02 | 0 | 14 | 8.45 | 266.19 |
| Jun 22 | 81.72 | 49.86 | 65.79 | 0 | 0.00 | 0 | 14 | 7.54 | 273.73 |
| Jun 23 | 83.52 | 47.95 | 65.73 | 11 | 0.47 | 1 | 15 | 6.97 | 280.70 |
| Jun 24 | 85.87 | 53.17 | 69.52 | 14 | 0.40 | 2 | 17 | 7.35 | 288.05 |
| Jun 25 | 85.37 | 56.93 | 71.15 | 13 | 0.00 | 2 | 19 | 7.77 | 295.82 |
| Jun 26 | 89.55 | 61.23 | 75.39 | 0 | 0.40 | 0 | 19 | 7.15 | 302.97 |
| Jun 27 | 83.57 | 60.33 | 71.95 | 0 | 0.00 | 0 | 19 | 8.33 | 311.30 |
| Jun 28 | 73.15 | 51.17 | 62.16 | 0 | 0.00 | 0 | 19 | 8.05 | 319.35 |
| Jun 29 | 82.44 | 44.40 | 63.42 | 0 | 0.43 | 0 | 19 | 6.31 | 325.66 |
| Jun 30 | 85.32 | 48.25 | 66.79 | 0 | 0.44 | 0 | 19 | 6.76 | 332.42 |
| Jul 1 | 80.96 | 50.09 | 65.53 | 0 | 0.00 | 0 | 19 | 7.66 | 340.08 |
| Jul 2 | 80.11 | 51.04 | 65.58 | 19 | 0.51 | 4 | 23 | 7.90 | 347.98 |
| Jul 3 | 81.27 | 59.02 | 70.14 | 18 | 1.09 | 3 | 26 | 8.72 | 356.70 |

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|-------------------------------|-----|----|--|------------|------------|------------|---------------|---------------|----------|-----------------|-------|--------------|
| 2007 | Jul | 4 | | 89.04 | 60.40 | 74.72 | 12 | 0.00 | 1 | 27 | 7.27 | 363.97 |
| | Jul | 5 | | 85.91 | 55.38 | 70.65 | 14 | 0.11 | 2 | 29 | 7.54 | 371.51 |
| | Jul | 6 | | 88.95 | 52.30 | 70.63 | 15 | 0.41 | 2 | 31 | 6.99 | 378.50 |
| | Jul | 7 | | 91.24 | 52.84 | 72.04 | 0 | 0.00 | 0 | 31 | 6.77 | 385.27 |
| | Jul | 8 | | 91.76 | 65.32 | 78.54 | 11 | 0.35 | 1 | 32 | 6.25 | 391.52 |
| | Jul | 9 | | 89.42 | 64.35 | 76.88 | 12 | 0.29 | 1 | 33 | 6.93 | 398.45 |
| | Jul | 10 | | 83.98 | 57.99 | 70.99 | 0 | 0.29 | 0 | 33 | 8.15 | 406.60 |
| | Jul | 11 | | 76.17 | 49.12 | 62.65 | 0 | 0.31 | 0 | 33 | 7.65 | 414.25 |
| | Jul | 12 | | 75.45 | 48.36 | 61.91 | 0 | 0.09 | 0 | 33 | 7.47 | 421.72 |
| | Jul | 13 | | 74.95 | 45.84 | 60.40 | 0 | 0.00 | 0 | 33 | 6.82 | 428.54 |
| | Jul | 14 | | 76.39 | 50.94 | 63.66 | 0 | 0.05 | 0 | 33 | 8.04 | 436.58 |
| | Jul | 15 | | 79.47 | 48.78 | 64.12 | 14 | 0.38 | 2 | 35 | 7.49 | 444.07 |
| | Jul | 16 | | 77.94 | 56.03 | 66.98 | 14 | 0.38 | 2 | 37 | 8.83 | 452.90 |
| | Jul | 17 | | 86.58 | 57.11 | 71.84 | 11 | 0.00 | 1 | 38 | 7.56 | 460.47 |
| | Jul | 18 | | 89.04 | 59.50 | 74.27 | 12 | 0.06 | 1 | 39 | 7.28 | 467.75 |
| | Jul | 19 | | 76.80 | 51.22 | 64.01 | 0 | 0.34 | 0 | 39 | 8.09 | 475.84 |
| | Jul | 20 | | 79.81 | 47.17 | 63.49 | 0 | 0.30 | 0 | 39 | 7.12 | 482.95 |
| | Jul | 21 | | 80.80 | 48.06 | 64.43 | 0 | 0.00 | 0 | 39 | 7.26 | 490.21 |
| | Jul | 22 | | 82.08 | 49.73 | 65.90 | 11 | 0.35 | 1 | 40 | 7.48 | 497.69 |
| | Jul | 23 | | 84.00 | 55.85 | 69.93 | 13 | 0.36 | 2 | 42 | 8.00 | 505.69 |
| | Jul | 24 | | 87.06 | 61.30 | 74.18 | 12 | 0.00 | 1 | 43 | 7.56 | 513.24 |
| | Jul | 25 | | 89.55 | 63.46 | 76.51 | 0 | 0.00 | 0 | 43 | 7.00 | 520.24 |
| | Jul | 26 | | 88.45 | 63.54 | 75.99 | 15 | 1.49 | 2 | 45 | 7.21 | 527.45 |
| | Jul | 27 | | 84.24 | 59.85 | 72.04 | 11 | 0.01 | 1 | 46 | 8.16 | 535.61 |
| | Jul | 28 | | 83.91 | 55.62 | 69.76 | 10 | 0.00 | 1 | 47 | 7.99 | 543.60 |
| | Jul | 29 | | 87.93 | 54.90 | 71.41 | 10 | 0.00 | 1 | 48 | 7.30 | 550.90 |
| | Jul | 30 | | 87.49 | 56.05 | 71.77 | 10 | 0.35 | 1 | 49 | 7.41 | 558.32 |
| | Jul | 31 | | 90.43 | 58.26 | 74.35 | 11 | 0.31 | 1 | 50 | 7.06 | 565.38 |
| | Aug | 1 | | 90.99 | 60.40 | 75.70 | 0 | 0.00 | 0 | 50 | 6.92 | 572.30 |
| | Aug | 2 | | 87.42 | 57.45 | 72.44 | 0 | 0.01 | 0 | 50 | 7.48 | 579.78 |
| | Aug | 3 | | 85.80 | 50.23 | 68.02 | 12 | 0.26 | 1 | 51 | 6.99 | 586.77 |
| | Aug | 4 | | 75.52 | 51.91 | 63.72 | 0 | 0.00 | 0 | 51 | 8.24 | 595.01 |
| | Aug | 5 | | 73.06 | 59.50 | 66.28 | 27 | 0.39 | 4 | 55 | 9.42 | 604.43 |
| | Aug | 6 | | 90.39 | 64.80 | 77.59 | 12 | 0.00 | 1 | 56 | 6.66 | 611.09 |
| | Aug | 7 | | 91.87 | 68.20 | 80.03 | 0 | 0.00 | 0 | 56 | 5.69 | 616.78 |
| | Aug | 8 | | 85.32 | 59.27 | 72.29 | 0 | 0.34 | 0 | 56 | 7.88 | 624.66 |
| | Aug | 9 | | 90.07 | 63.64 | 76.86 | 11 | 0.00 | 1 | 57 | 6.87 | 631.53 |
| | Aug | 10 | | 94.77 | 61.36 | 78.06 | 0 | 0.31 | 0 | 57 | 5.99 | 637.52 |
| | Aug | 11 | | 89.35 | 61.05 | 75.20 | 22 | 0.18 | 2 | 59 | 7.19 | 644.72 |
| | Aug | 12 | | 90.57 | 60.22 | 75.40 | 0 | 0.13 | 0 | 59 | 7.00 | 651.72 |
| | Aug | 13 | | 88.14 | 55.38 | 71.76 | 0 | 0.00 | 0 | 59 | 7.30 | 659.02 |
| | Aug | 14 | | 83.61 | 63.39 | 73.50 | 0 | 0.18 | 0 | 59 | 8.32 | 667.34 |
| | Aug | 15 | | 76.60 | 59.63 | 68.12 | 22 | 0.30 | 2 | 61 | 9.32 | 676.66 |
| | Aug | 16 | | 83.34 | 54.70 | 69.02 | 0 | 0.00 | 0 | 61 | 8.01 | 684.68 |
| | Aug | 17 | | 77.65 | 46.49 | 62.07 | 0 | 0.09 | 0 | 61 | 7.01 | 691.69 |
| | Aug | 18 | | 63.07 | 44.39 | 53.73 | 77 | 0.58 | 23 | 84 | 5.01 | 696.70 |
| | Aug | 19 | | 60.66 | 56.05 | 58.35 | 0 | 1.33 | 0 | 84 | 7.83 | 704.54 |
| | Aug | 20 | | 62.87 | 58.44 | 60.66 | 0 | 1.95 | 0 | 84 | 8.60 | 713.14 |
| | Aug | 21 | | 74.44 | 60.17 | 67.31 | 14 | 0.17 | 2 | 86 | 9.47 | 722.60 |
| | Aug | 22 | | 78.80 | 63.46 | 71.13 | 16 | 0.19 | 3 | 89 | 9.28 | 731.89 |

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|-------------------------------|------------|------------|------------|---------------|---------------|----------|-----------------|-------|--------------|
| 2007 Aug 23 | 79.65 | 63.41 | 71.53 | 19 | 0.01 | 4 | 93 | 9.15 | 741.04 |
| Aug 24 | 72.54 | 62.33 | 67.43 | 0 | 0.01 | 0 | 93 | 9.69 | 750.73 |
| Aug 25 | 79.47 | 52.20 | 65.83 | 0 | 0.00 | 0 | 93 | 8.15 | 758.88 |
| Aug 26 | 83.14 | 47.35 | 65.25 | 0 | 0.00 | 0 | 93 | 6.89 | 765.78 |
| Aug 27 | 79.21 | 55.74 | 67.48 | 12 | 0.41 | 1 | 94 | 8.69 | 774.47 |
| Aug 28 | 94.28 | 66.42 | 80.35 | 17 | 0.23 | 3 | 97 | 5.34 | 779.81 |
| Aug 29 | 79.75 | 56.93 | 68.34 | 0 | 0.04 | 0 | 97 | 8.77 | 788.58 |
| Aug 30 | | | | 0 | | 0 | 97 | 0.00 | 788.58 |