

Soybean Aphid Population Trends, 2002 to 2009
ISU Extension Soybean Aphid Research Site, Decorah

| Planting date: | May 3 | May 13 | May 5 | May 4 | May 5 | May 3 | May 16 | May 4 |
|----------------|--------|----------|---------|--------|--------|--------|----------|--------|
| % Infestation | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| June 1 | -- | -- | 0 V1 | 6 V1 | 0 V1 | 4 V1 | -- | 1 VC |
| June 7 | -- | -- | 0 | 15 | 2 | 16 | -- | 13 V1 |
| June 14 | -- | 37 V2 | 0 | 33 | 6 | 52 | 0 V1 | 24 |
| June 21 | 1 V3 | 90 | 0 | 31 | 12 | 68 | 0 | 70 |
| June 28 | 4 | 100 | 0 | 85 | 13 | 95 | 4 | 70 |
| July 5 | 12 R1 | 100 R1 | 4 R1 | 99 R1 | 24 R1 | 100 R1 | 3 | 68 R1 |
| July 12 | 52 | 100 | 8 | 100 | 71 | 100 | 7 R1 | 60 |
| July 19 | 80 | 100 | 14 | 100 | 98 | 100 | 45 | 95 |
| July 26 | 96 | 100 | 29 | 100 | 100 | 100 | 98 | 100 R3 |
| Aug. 2 | 96 | 100 | 41 | 100 | 100 | 100 | 100 | 100 |
| Aug. 9 | 100 R5 | 100 R5 | 66 R5 | 100 R5 | 100 R5 | 100 R5 | 100 | 100 R5 |
| Aug. 16 | 100 | 100 | 87 | 100 | 100 | 100 | 100 R5 | |
| Aug. 23 | 100 | 100 | 78 | 100 | 100 | -- | 100 | |
| Aug. 30 | 100 R6 | -- | 71 R6 | 100 R6 | 100 R6 | -- | 100 | |
| Sept. 6 | -- | -- | -- | 100 | -- | -- | 100 R6 | |
| Sept. 13 | -- | -- | -- | 100 | -- | -- | 100 | |
| Aphids/plant | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
| June 1 | -- | -- | 0 V1 | 0.1 V1 | 0 V1 | 0.4 V1 | -- | 0.1 VC |
| June 7 | -- | -- | 0 | 1.4 | 0.4 | 2.4 | -- | 0.9 V1 |
| June 14 | -- | 10 V2 | 0 | 2.5 | 0.3 | 5.0 | 0 V1 | 1.3 |
| June 21 | 0.1 V3 | 115 | 0 | 4.0 | 0.8 | 6.8 | 0 | 5.5 |
| June 28 | 0.2 | 341 | 0 | 48 | 0.7 | 25 | 0.6 | 3.6 |
| July 5 | 1.4 R1 | 745 R1 | 0.5 R1 | 179 R1 | 1.8 R1 | 507 R1 | 0.5 | 2.8 R1 |
| July 12 | 5.9 | 2,803 | 1 | 713 | 6.6 | 1,085 | 1.3 R1 | 2.9 |
| July 19 | 11 | 2,450 | 2 | 200 | 21 | 4,177 | 5.7 | 13 |
| July 26 | 29 | 3,179 | 3.5 | 128 | 72 | 6,647 | 60 | 26 R3 |
| Aug. 2 | 24 | 2,750 | 8.2 | 74 | 310 | 2,974 | 393 | 99 |
| Aug. 9 | 35 R5 | 2,623 R5 | 16.6 R5 | 289 R5 | 420 R5 | 291 R5 | 683 | 584 R5 |
| Aug. 16 | 63 | 387 | 20.5 | 294 | 340 | 39 | 1,222 R5 | |
| Aug. 23 | 28 | 62 | 10.2 | 272 | 188 | -- | 1,752 | |
| Aug. 30 | 6.7 R6 | -- | 3.1 R6 | 190 R6 | 58 R6 | -- | 1,358 | |
| Sept. 6 | -- | -- | -- | 90 | -- | -- | 988 R6 | |
| Sept. 13 | -- | -- | -- | 11 | -- | -- | 162 | |