



**Cornell Cooperative Extension** Southwest New York Dairy, Livestock & Field Crops Program  
 A partnership between Cornell University and the CCE Associations in these five counties:  
 Allegany, Cattaraugus, Chautauqua, Erie, and Steuben.

# Field Crop Finds

Compiled by Katelyn Miller (Field Crops Specialist) & John Pirrung (Field Support Specialist)

August 17th, 2026

## Growing Degree Days

Growing Degree Days (GDD) is calculated by taking the average daily temperature and subtracting it from the base temperature of a specified plant ((High + Low)/2 - base temp = GDD). For corn, we use base 86/50, as corn development starts at 50°F and stops at 86°F.

**Check your location and planting date:**

| Location     | Geography      |              | Cumulative GDD since May 1 |             | Cumulative GDD since May 15 |             | Cumulative GDD since June 1 |             | Cumulative GDD since June 15 |             |
|--------------|----------------|--------------|----------------------------|-------------|-----------------------------|-------------|-----------------------------|-------------|------------------------------|-------------|
| Town         | Elevation (ft) | Latitude (N) | Current Year               | 15 Year Avg | Current Year                | 15 Year Avg | Current Year                | 15 Year Avg | Current Year                 | 15 Year Avg |
| Alden        | 860            | 42.91        | 1709                       | 1757        | 1651                        | 1644        | 1450                        | 1420        | 1200                         | 1226        |
| East Aurora  | 906            | 42.76        | 1698                       | 1734        | 1641                        | 1618        | 1446                        | 1395        | 1203                         | 1204        |
| Eden         | 830            | 42.65        | 1726                       | 1758        | 1673                        | 1643        | 1483                        | 1421        | 1236                         | 1228        |
| East Concord | 1430           | 42.55        | 1563                       | 1574        | 1533                        | 1490        | 1337                        | 1272        | 1111                         | 1099        |
| Angola       | 667            | 42.63        | 1724                       | 1761        | 1667                        | 1651        | 1480                        | 1433        | 1234                         | 1239        |
| Fredonia     | 725            | 42.44        | 1767                       | 1778        | 1709                        | 1669        | 1515                        | 1449        | 1262                         | 1249        |
| Mayville     | 1356           | 42.25        | 1601                       | 1607        | 1551                        | 1506        | 1376                        | 1302        | 1140                         | 1122        |
| Panama       | 1539           | 42.07        | 1529                       | 1537        | 1482                        | 1439        | 1314                        | 1243        | 1091                         | 1071        |
| Jamestown    | 1372           | 42.09        | 1580                       | 1626        | 1526                        | 1517        | 1343                        | 1306        | 1115                         | 1121        |
| Cherry Creek | 1346           | 42.29        | 1570                       | 1637        | 1521                        | 1530        | 1340                        | 1321        | 1108                         | 1138        |
| Randolph     | 1286           | 42.16        | 1531                       | 1593        | 1483                        | 1487        | 1301                        | 1280        | 1077                         | 1101        |
| Cattaraugus  | 1395           | 42.33        | 1449                       | 1523        | 1409                        | 1425        | 1241                        | 1230        | 1024                         | 1062        |
| Machias      | 1673           | 42.41        | 1491                       | 1529        | 1442                        | 1429        | 1267                        | 1232        | 1044                         | 1063        |
| Olean        | 1445           | 42.07        | 1597                       | 1640        | 1539                        | 1526        | 1351                        | 1311        | 1116                         | 1126        |
| Perrysburg   | 1311           | 42.45        | 1701                       | 1761        | 1643                        | 1644        | 1448                        | 1418        | 1195                         | 1222        |
| Belfast      | 1287           | 42.34        | 1602                       | 1621        | 1541                        | 1510        | 1348                        | 1297        | 1109                         | 1115        |
| Wellsville   | 1506           | 42.12        | 1484                       | 1485        | 1432                        | 1386        | 1253                        | 1193        | 1034                         | 1026        |
| Alfred       | 1804           | 42.25        | 1465                       | 1534        | 1408                        | 1432        | 1233                        | 1228        | 1010                         | 1057        |
| Canaseraga   | 1255           | 42.46        | 1487                       | 1538        | 1436                        | 1439        | 1260                        | 1240        | 1035                         | 1071        |
| Cuba         | 1496           | 42.21        | 1472                       | 1514        | 1421                        | 1412        | 1245                        | 1214        | 1024                         | 1046        |
| Hornell      | 1146           | 42.32        | 1536                       | 1597        | 1482                        | 1490        | 1296                        | 1281        | 1063                         | 1102        |
| Woodhull     | 1333           | 42.07        | 1489                       | 1549        | 1437                        | 1446        | 1256                        | 1244        | 1034                         | 1073        |
| Corning      | 931            | 42.14        | 1452                       | 1439        | 1402                        | 1349        | 1225                        | 1165        | 1015                         | 1009        |
| Bath         | 1106           | 42.33        | 1516                       | 1583        | 1463                        | 1477        | 1281                        | 1271        | 1055                         | 1097        |
| Hammondsport | 754            | 42.41        | 1566                       | 1625        | 1511                        | 1517        | 1325                        | 1307        | 1092                         | 1127        |

| Location     | Cumulative GDD since July 15 |             | Cumulative GDD since Aug 1 |             |
|--------------|------------------------------|-------------|----------------------------|-------------|
| Town         | Current Year                 | 15 Year Avg | Current Year               | 15 Year Avg |
| Alden        | 617                          | 631         | 303                        | 278         |
| East Aurora  | 625                          | 620         | 309                        | 274         |
| Eden         | 636                          | 635         | 313                        | 281         |
| East Concord | 575                          | 564         | 284                        | 247         |
| Angola       | 633                          | 646         | 313                        | 286         |
| Fredonia     | 652                          | 651         | 325                        | 288         |
| Mayville     | 580                          | 577         | 288                        | 253         |
| Panama       | 553                          | 550         | 278                        | 240         |
| Jamestown    | 567                          | 576         | 285                        | 253         |
| Cherry Creek | 561                          | 586         | 279                        | 257         |
| Randolph     | 544                          | 564         | 254                        | 230         |
| Cattaraugus  | 515                          | 545         | 258                        | 238         |
| Machias      | 536                          | 544         | 262                        | 237         |
| Olean        | 561                          | 578         | 276                        | 254         |
| Perrysburg   | 609                          | 632         | 299                        | 278         |
| Belfast      | 561                          | 571         | 276                        | 250         |
| Wellsville   | 514                          | 527         | 252                        | 230         |
| Alfred       | 508                          | 541         | 245                        | 236         |
| Canaseraga   | 522                          | 549         | 253                        | 240         |
| Cuba         | 514                          | 536         | 253                        | 235         |
| Hornell      | 536                          | 566         | 259                        | 248         |
| Woodhull     | 521                          | 550         | 256                        | 240         |
| Corning      | 516                          | 520         | 250                        | 223         |
| Bath         | 536                          | 563         | 264                        | 246         |
| Hammondsport | 555                          | 580         | 271                        | 253         |

\*GDDs accumulated as of 8/14

| Hybrid Relative Maturity | GDD's (86/50)                        |
|--------------------------|--------------------------------------|
| 101-110                  | 800                                  |
| 96-100                   | 750                                  |
| <96                      | 750 or slight less<br>(extrapolated) |

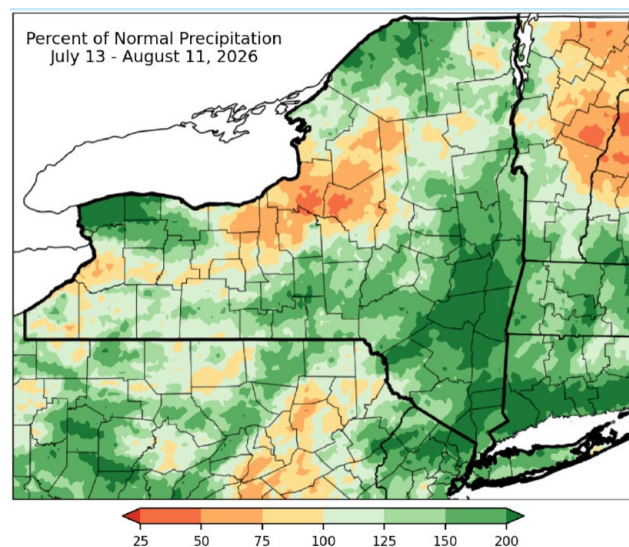
For silage, we track GDD from silking to help get you in the ballpark for harvest. You still should check your crop DM to determine harvest timing.

### **Pheromone Traps**

|                     | WBCW<br><i>Farmersville</i> | WBCW<br><i>Arkport</i> | FAW<br><i>Farmersville</i> | FAW<br><i>Arkport</i> |
|---------------------|-----------------------------|------------------------|----------------------------|-----------------------|
| Week of July 20th   | 12                          | 17                     |                            |                       |
| Week of July 27th   | 1                           | 32                     |                            |                       |
| Week of August 3rd  | 10                          | 15                     | 0                          |                       |
| Week of August 10th | 3                           | 4                      | 0                          | 1                     |

### **Field Observations**

Much of the region has been getting some rain over the past week, but rainfall totals are all over the board. While much of the region is right on track with normal 30-day precipitation percentages, some much needed rainfall has missed Southern Erie County (per the Northeast Regional Climate Center).



For many, the warm, humid weather has resulted in many reports of white mold this week. If you have a history of white mold in any fields, it's highly likely that you are going to find it.

If fields are at or below R3, and not yet canopied, a fungicide can still be used to protect the beans. Otherwise, it is not recommended to spray and the window for control has been missed.

Last week, I mentioned Corn Rootworm issues in Central/Eastern NY, and you should still be on the lookout. While out scouting last week in Chautauqua County, I was finding lots of CRW beetle activity in the silks, and I got a report today from Erie. I got a few questions last week asking how serious an issue this is and what the end result could be. With CRW feeding on the silks, the most damage will occur if clipping occurs before the corn pollinates, as it will impact kernel set. Additionally, the beetles will lay eggs, like the female



in the picture to the left, which will overwinter and feed on roots next year, which results in the characteristic goosenecking. With our current issue out East, much of that corn contains multiple Bt traits for CRW protection, which is concerning. If you are finding damage, let me know, as I would like to check it out. Also, let your seed representatives know, as many of them are required to report issues.

*Photo: K. Miller, SWNYDLFC*