



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

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September 8th, 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	
	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	2079	2139	2020	2025	1820	1802	1570	1608
East Aurora	906	42.76	2061	2111	2004	1996	1808	1772	1566	1581
Eden	830	42.65	2101	2145	2048	2030	1858	1809	1611	1615
East Concord	1430	42.55	1895	1930	1834	1813	1657	1612	1430	1440
Angola	667	42.63	2114	2155	2057	2045	1870	1828	1624	1633
Fredonia	725	42.44	2174	2177	2116	2068	1923	1848	1670	1647
Mayville	1356	42.25	1957	1955	1907	1853	1732	1650	1496	1470
Panama	1539	42.07	1866	1868	1819	1769	1651	1573	1428	1401
Jamestown	1372	42.09	1928	1977	1874	1868	1691	1656	1463	1471
Cherry Creek	1346	42.29	1923	1993	1874	1886	1693	1676	1462	1493
Randolph	1286	42.16	1870	1936	1821	1830	1640	1623	1416	1443
Cattaraugus	1395	42.33	1768	1853	1729	1755	1560	1560	1343	1392
Machias	1673	42.41	1814	1858	1765	1758	1590	1561	1367	1392
Olean	1445	42.07	1933	1993	1875	1880	1686	1665	1452	1479
Perrysburg	1311	42.45	2071	2143	2013	2026	1818	1800	1565	1604
Belfast	1287	42.34	1936	1967	1875	1855	1682	1642	1443	1461
Wellsville	1506	42.12	1798	1802	1747	1703	1567	1510	1348	1344
Alfred	1804	42.25	1774	1856	1717	1754	1542	1551	1319	1379
Canaseraga	1255	42.46	1792	1865	1741	1766	1565	1567	1340	1398
Cuba	1496	42.21	1783	1839	1732	1737	1556	1539	1335	1371
Hornell	1146	42.32	1854	1937	1800	1830	1614	1621	1381	1442
Woodhull	1333	42.07	1793	1876	1741	1772	1560	1570	1338	1399
Corning	931	42.14	1730	1742	1680	1651	1503	1467	1293	1311
Bath	1106	42.33	1823	1917	1770	1811	1588	1605	1362	1431
Hammondsport	754	42.41	1884	1969	1829	1861	1643	1650	1410	1471

Location	Cumulative GDD since July 15		Cumulative GDD since Aug 1		Cumulative GDD since Aug 15		Cumulative GDD since Sep 1	
	Current Year	15 Year Avg	Current Year	15 Year Avg	Current Year	15 Year Avg	Current Year	15 Year Avg
Alden	998	1013	676	660	372	382	90	72
East Aurora	994	997	688	651	378	377	91	71
Eden	1018	1023	705	669	392	387	93	73
East Concord	904	905	628	588	344	341	86	64
Angola	1026	1040	708	680	395	394	94	74
Fredonia	1058	1050	736	686	411	399	95	74
Mayville	936	925	651	601	362	348	91	66
Panama	893	880	621	571	344	330	89	63
Jamestown	915	926	632	603	348	351	92	66
Cherry Creek	909	941	624	612	346	355	91	66
Randolph	882	907	610	589	337	343	91	64
Cattaraugus	835	875	578	568	321	330	85	62
Machias	861	873	590	566	328	329	86	63
Olean	897	932	614	608	338	354	90	66
Perrysburg	979	1014	670	660	372	382	93	72
Belfast	895	917	610	596	336	346	88	65
Wellsville	829	844	568	547	315	317	87	59
Alfred	815	863	552	558	303	323	79	61
Canaseraga	827	876	558	567	303	327	80	62
Cuba	825	861	563	559	310	325	84	61
Hornell	854	906	577	588	318	340	83	64
Woodhull	825	877	561	567	306	327	82	61
Corning	795	822	530	525	283	302	75	56
Bath	843	897	569	581	309	334	80	63
Hammondsport	873	924	590	597	321	344	81	64

*GDDs accumulated as of 9/4

Hybrid Relative Maturity	GDD's (86/50)
101-110	800
96-100	750
<96	750 or slight less (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	WBCW	FAW	FAW
	<i>Farmersville</i>	<i>Arkport</i>	<i>Farmersville</i>	<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
Week of August 17th	0	0	0	0
Week of August 24th	0	0	0	0
Week of August 31st	0	0	0	0

Field Observations

Labor Day has passed and the solstice is right around the corner which means it's go time for corn silage harvest. With planting dates stretched throughout the spring that may result in variability, delayed maturity, and different crop stages, check out these applicable articles from years past from Joe Lawrence, PRO-DAIRY.

[Corn silage 2019: Two different crops](#)

[Corn silage harvest: An exercise in patience \(2023\)](#)

[Corn silage harvest toolkit: 2023 edition](#)

[Forage shrink costs more when inputs are high \(2022\)](#)

A few weeks ago I mentioned corn rootworm pressure east of here. Based on grower reports, 22 fields and over 2,000 acres have been impacted over 4 counties by root injury and goosenecking. Pest pressure was found here in the southern tier as well but no thresholds were identified. Below is an aerial photograph of Western Corn Rootworm damage from Tully (Onondaga Co.) during the 2026 season.



Photo: Ben Rogers, Pioneer

Lastly, last week brought some damaging storms to the area. The last I read; there were 8 confirmed tornadoes in Western NY and a plethora of wind related damages. While it seems as though SWNY avoided the brunt of damage, I was seeing some lodged crops on my travels. If you experienced damage, please see the below reporting resources.

Recovery Resources:

- Disaster Recovery Resources: <https://eden.cce.cornell.edu/preparedness-recovery/>
- Flooding Resources: <https://eden.cce.cornell.edu/natural-hazards/flooding/>

Ag Land Damage Reporting:

If agricultural lands, crops, livestock operations, buildings, or other agricultural facilities sustained damage, please report impacts through the New York State Department of Agriculture & Markets Agriculture Sector Disaster Damage Portal:

<https://survey123.arcgis.com/share/8c5bf33f24c8432e9d6550dabb18c207>

NYS Agriculture & Markets uses information from this survey to help assess impacts, deploy available resources, and support consideration of requests for state and federal assistance for affected agricultural communities.