



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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June 22nd, 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 ($(\text{High} + \text{Low})/2 - \text{base temp} = \text{GDD}$). 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	559	603	514	507	313	284	62	90
East Aurora	906	42.76	567	618	509	503	311	280	71	107
Eden	830	42.65	571	620	517	505	323	283	67	90
East Concord	1430	42.55	516	556	469	455	289	253	52	81
Angola	667	42.63	564	612	505	502	316	285	68	90
Fredonia	725	42.44	596	620	537	511	335	291	75	91
Mayville	1356	42.25	526	569	477	467	297	264	58	84
Panama	1539	42.07	497	546	450	448	280	252	54	80
Jamestown	1372	42.09	519	589	464	480	282	269	57	83
Cherry Creek	1346	42.29	516	584	467	477	287	267	56	84
Randolph	1286	42.16	508	574	459	468	278	261	55	81
Cattaraugus	1395	42.33	477	539	438	441	269	246	51	78
Machias	1673	42.41	503	543	455	444	277	246	51	78
Olean	1445	42.07	539	596	481	483	292	268	58	82
Perrysburg	1311	42.45	566	630	509	512	313	287	61	90
Belfast	1287	42.34	550	588	490	476	297	263	59	82
Wellsville	1506	42.12	504	532	452	433	273	240	54	74
Alfred	1804	42.25	504	553	449	450	276	247	56	76
Canaseraga	1255	42.46	508	544	458	446	283	247	59	77
Cuba	1496	42.21	503	545	452	443	276	245	55	76
Hornell	1146	42.32	534	574	480	467	294	258	62	79
Woodhull	1333	42.07	511	552	459	449	279	246	58	75
Corning	931	42.14	502	499	452	409	275	225	66	69
Bath	1106	42.33	525	563	472	457	291	251	64	77
Hammondsport	754	42.41	537	577	482	469	298	258	66	79

*GDDs accumulated as of 6/19

Pheromone Traps

	AMW <i>Farmersville</i>	AMW <i>Arkport</i>	AMW <i>Brant</i>	AMW <i>Randolph</i>
Week of April 20	0	3	4	X
Week of April 27	0	8	16	2
Week of May 4	1	11	19	5
Week of May 11	1	10	28	17
Week of May 18	1	7	56	8
Week of May 25	4	6	17	5
Week of June 1	0	15	2	0
Week of June 8	0	0	0	0
Week of June 15	0	0	1	0

Field Observations

Most of our corn and soybeans are in the ground, but there is some remaining for heavier soils. Corn looks great and some earlier planted fields will likely be side dressed soon. Soybeans, however, are in their ugly phase, with many fields just sitting at V1. Once they start establishing nodules, we'll see them grow quickly. Penn State has an article on evaluating nodulation: <https://extension.psu.edu/evaluating-nodulation-in-soybeans>. I have been seeing some uneven emergence, especially with fields planted just before heavy rains. Replant decisions are based on multiple factors like population, plant health, consistency throughout stand and economics. Our technician John wrote an article on making replant decisions in soybeans that was in June's edition of our newsletter: https://nydairyadmin.cce.cornell.edu/pdf/swny_newsletter/pdf470_pdf.pdf (p. 4).

In the past few weeks, I have been getting reports of high moisture levels for dry hay. High moisture compromises the quality of the forage and is also a higher risk for combustion. When in doubt, store these bales separate from others to reduce your risk, or preserve them through other means such as plastic wrap.