



Field Crop Finds

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July 14th, 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	1008	1039	950	926	749	702	497	509
East Aurora	906	42.76	1000	1029	942	914	744	690	494	499
Eden	830	42.65	1019	1036	965	922	770	700	514	506
East Concord	1430	42.55	923	932	876	830	696	629	460	457
Angola	667	42.63	1009	1029	950	919	761	701	514	507
Fredonia	725	42.44	1051	1040	994	931	792	711	532	511
Mayville	1356	42.25	945	952	896	851	717	647	479	467
Panama	1539	42.07	894	913	848	815	680	619	455	447
Jamestown	1372	42.09	924	973	868	863	688	652	464	467
Cherry Creek	1346	42.29	923	972	873	865	693	655	463	472
Randolph	1286	42.16	928	969	859	845	677	638	453	459
Cattaraugus	1395	42.33	858	902	819	804	650	608	432	441
Machias	1673	42.41	885	909	837	809	658	612	433	443
Olean	1445	42.07	953	982	895	868	707	653	472	468
Perrysburg	1311	42.45	1000	1044	943	927	747	701	495	504
Belfast	1287	42.34	957	972	895	860	702	647	464	465
Wellsville	1506	42.12	887	885	836	786	656	593	437	426
Alfred	1804	42.25	880	917	823	815	650	612	426	440
Canaseraga	1255	42.46	888	912	837	813	662	614	436	445
Cuba	1496	42.21	883	904	832	802	655	604	434	436
Hornell	1146	42.32	925	953	871	845	684	636	452	457
Woodhull	1333	42.07	892	922	840	819	659	616	437	445
Corning	931	42.14	865	845	815	754	638	570	427	414
Bath	1106	42.33	907	941	854	835	672	629	445	455
Hammondsport	754	42.41	955	984	881	857	695	646	462	467

*GDDs accumulated as of 7/10

Field Observations

The growing season is moving along quickly. I continue to see dry hay be made with this sunny weather, saw some of the first wheat coming off, soybeans starting to flower, and even saw a corn field that was starting to tassel.

It's been warm and humid over the last few weeks, which is perfect conditions for white mold development. It's important to get fungicide on before canopy closes for good control. Focus on fields that have a history of the disease. Soybean aphids are starting to be found on plants, but no reports have come through for threshold concerns. I am hearing reports about potato leafhopper (PLH) thresholds in third cutting regrowth. Be sure to get out there with a sweep net and monitor populations.

We're about a week away from our Risk Assessment Field Day in Hamburg on July 23rd. Don't miss out on a free lunch and 2.25 DEC credits! Register at <https://tinyurl.com/IPMFieldDayHamburg> or give me a call. Hope to see you there!

Stay cool!