



A partnership between Cornell University and the CCE Associations in these five counties:
Allegany, Cattaraugus, Chautauqua, Erie, and Steuben Counties.

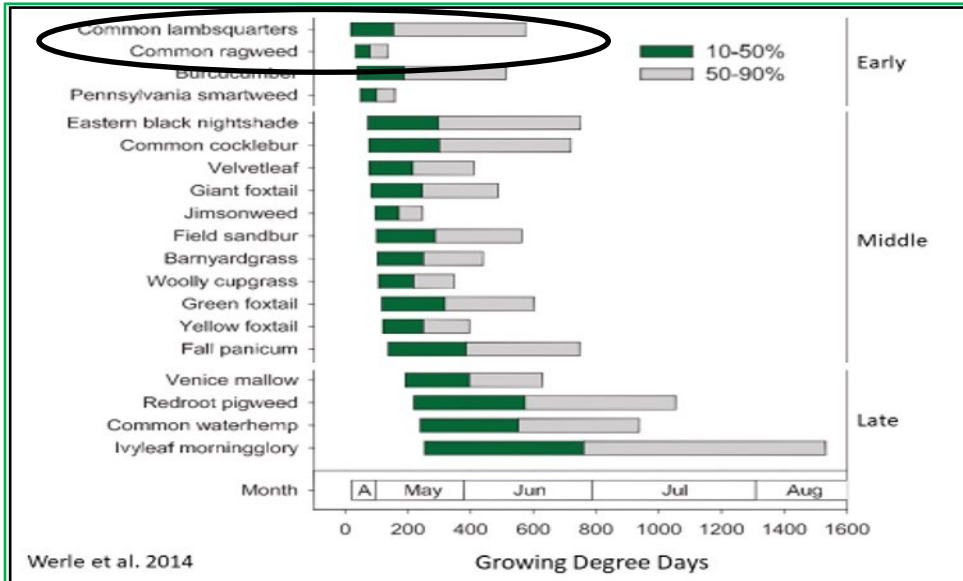
SOUTHWEST NEW YORK FIELD CROP CHRONICLE

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Weed Emergence Update in SWNY

Soil temperatures remain cool as nighttime temperatures fluctuate in the 30's. In Steuben County, soil temperatures have averaged 42-52F depending on the time of day (photo of late morning soil temps). With these cooler temperatures, weed emergence has been slow, especially in the field that contains Palmer amaranth. As of 5/12/21, no Palmer amaranth was evident in the field.

Some weed species, like common lambsquarters and common ragweed, begin emerging early in the year (photo of common ragweed in Cattaraugus County). As you can see in the graph, both of these species can begin to emerge in early may and complete their emergence cycle by early June. Other weed species, like common waterhemp and Palmer amaranth, can emerge throughout the growing season. I suspect that with the warm weather forecasted for this week, weed species will really take off!

-Photos by Josh Putman-



Black Cutworm and Armyworm Moths Being Caught in SWNY

For the week of 5/10/21, we had a significant number of moths caught in Steuben County. In our armyworm trap, we had 2 moths and in the black cutworm trap we had 20 moths. Egg hatch occurs around 100 growing degree days (GDD) and cut plants can begin to appear at 300 GDD's. Reports from around the state also show that we have a high number of black cutworm captures.

-Photos by Josh Putman-

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