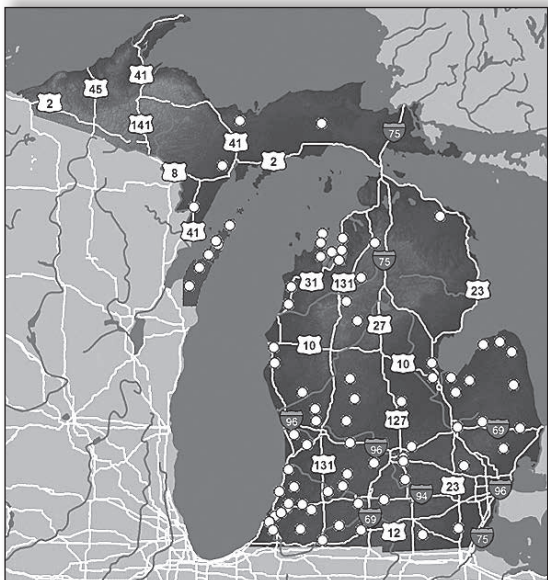


Enviroweather: Tools for Pest, Disease and Production Management



Do you need current weather information for your farm? Would you like to know when to schedule management activities for pests and diseases? Enviroweather can help.

Enviroweather is an online resource that provides Michigan growers, farm managers and crop consultants access to local weather information and a suite of weather-based tools available to help manage a variety of crops. These tools include summaries of weather conditions, models that predict pest, disease and crop development and water-use tools.

Enviroweather maintains a growing network of weather stations throughout the region (currently 100). Each station has sensors that measure basic weather data: air temperature (4 feet above the ground), soil temperature (2 inches and 4 inches), soil moisture (12 inches and 24 inches), relative humidity, solar radiation, wind speed, wind direction, precipitation (at 1 meter above the ground) and leaf wetness. Some stations are also equipped with additional sensors that detect temperature inversions that are known to affect spray drift and frost protection. Every 30 minutes during the growing season, stations transmit their data to a central server at MSU.

New for 2020! Enviroweather has been redesigning our website, and it is scheduled for release in early Spring 2020. The new website will feature multiple changes that will satisfy critical needs that were identified from user surveys. The new Enviroweather website design will be easier to use than the current website, and it will be geared toward viewing on smart phones and tablets. A major change in the new site will allow a user to create an account and save preferences on a dashboard. This will allow faster access to the crop and pest models and weather information that is most important for that user's production operations.

As with any new technology, it may take a little time to get used to a new way of doing things. To help with this, Enviroweather will host several webinars during the spring and summer to demonstrate how to set up an account and a dashboard, save their preferences and help users navigate the new website. Announcements for these will come through MSU Extension News, so if you haven't done so already be sure to sign up for MSUE Newsletters at <https://www.canr.msu.edu/outreach/>.

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