

Can I have a NEWA weather station on my farm?

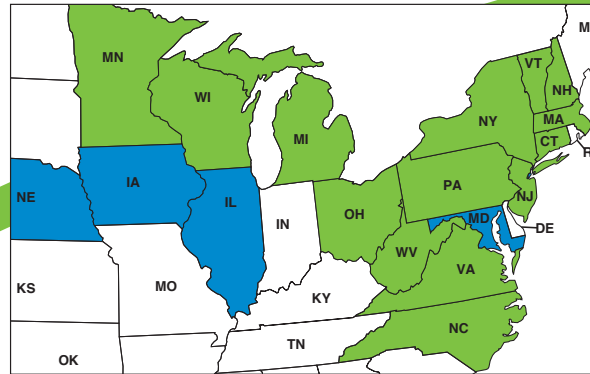
Yes! NEWA interfaces with Onset's HOBO weather stations. Learn more at:

ONSET
onsetcomp.com

Learn more about NEWA

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NEWA participating states



Partner states (green) and states with individual grower partners (blue) in the NEWA network.

NEWA is part of the New York State Integrated Pest Management Program
nysipm.cornell.edu

NEWA's partners:
New York State Integrated Pest Management Program
Northeast Regional Climate Center,
Cornell University
Participating land-grant universities



Network for Environment and
Weather Applications



Onset's
HOBOnet Field
Monitoring System

newa.cornell.edu

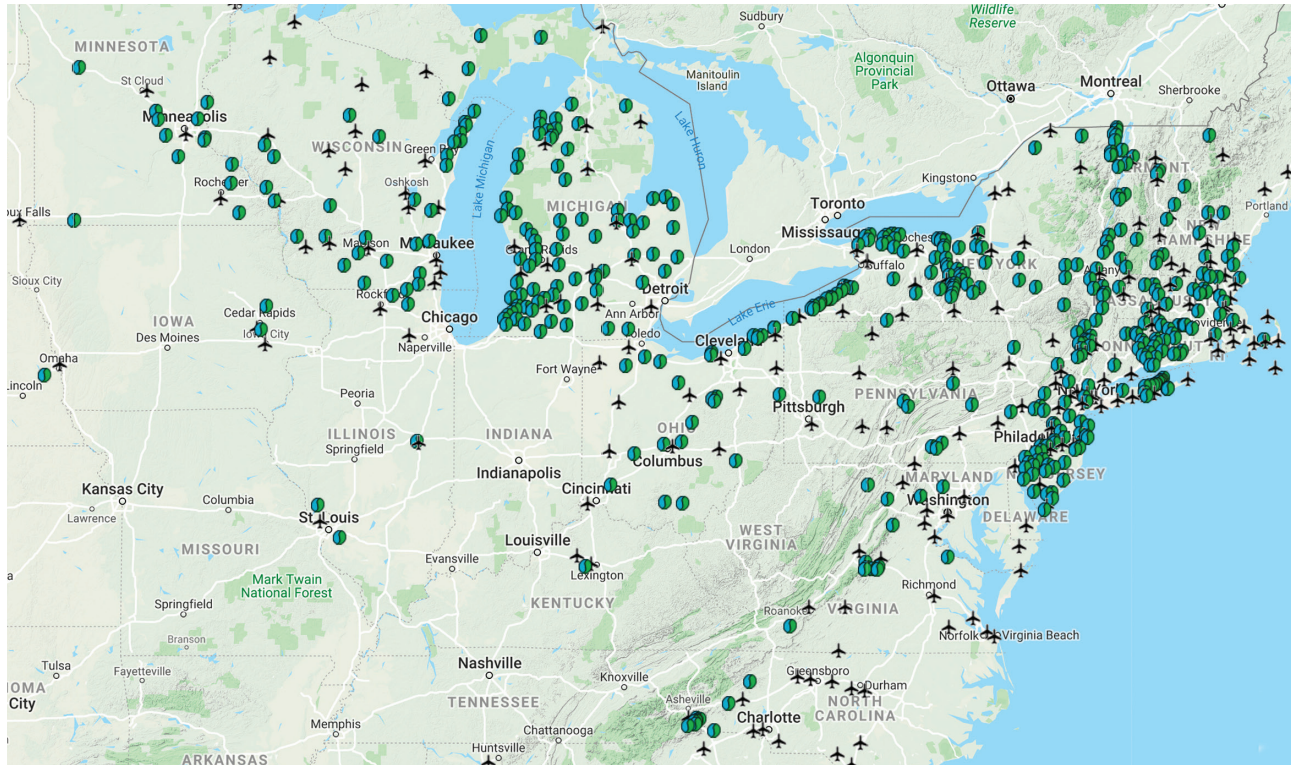
What is NEWA?

The Network for Environment and Weather Applications connects you with data from weather stations across the Northeast, Mid-Atlantic, and Upper Midwest United States.

National Weather Service forecasts on the NEWA website make it a handy place to find weather information.

NEWA was created in 1995 by the New York State IPM Program and continues to evolve to stay current with advances in IPM and weather forecasting.

NEWA access is free in member states!



How does NEWA help?

Interactive forecast models automatically compute and display results to inform crop production and precision IPM practices.

What does NEWA provide?

- Hourly and daily weather summaries
- Degree day summaries
- Plant disease forecasts
- Insect pest development models
- Crop production models
- Weather forecasts

What types of weather-driven models are on NEWA?

Crop production models:

- Apple fruit thinning
- Apple evapotranspiration
- Apple irrigation
- Growing degree days

IPM FORECAST MODELS			
Production area	Commodity	Insect pests	Diseases
Fruit	Apples	Apple maggot Codling moth Obliquebanded leafroller Oriental fruit moth Plum curculio San Jose scale Spotted tentiform leafminer	Apple scab Fire blight Sooty blotch Fly speck
	Grapes	Grape berry moth	Black rot Downy mildew Phomopsis Powdery mildew
Vegetable	Cabbage	Cabbage maggot	
	Onions	Onion maggot	Alternaria blight Botrytis blight Downy mildew
	Potatoes & tomatoes		Early blight Late blight
	Sweet corn	Western bean cutworm*	Stewart's wilt
Field crops	Alfalfa	Alfalfa weevil	
Horticulture	Turf		Turf diseases

*New in 2019