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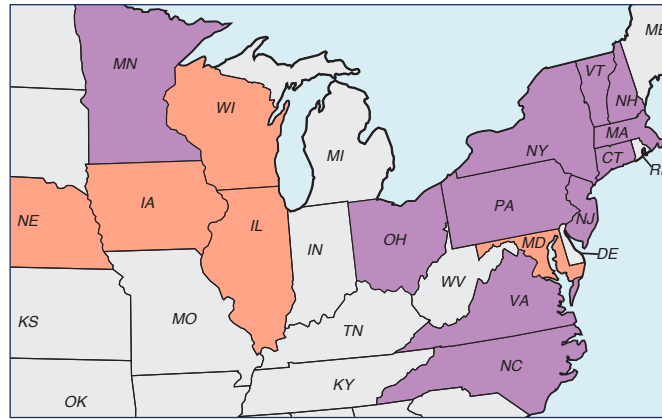
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Partner states (purple) and states with individual grower partners (orange) in the NEWA network.

A product of the New York State Integrated Pest Management Program
nysipm.cornell.edu

Find this brochure online at:
http://hdl.handle.net/1813/44645

Visit NEWA: newa.cornell.edu

NEWA
Network for Environment and Weather Applications

Weather Information You Can Use
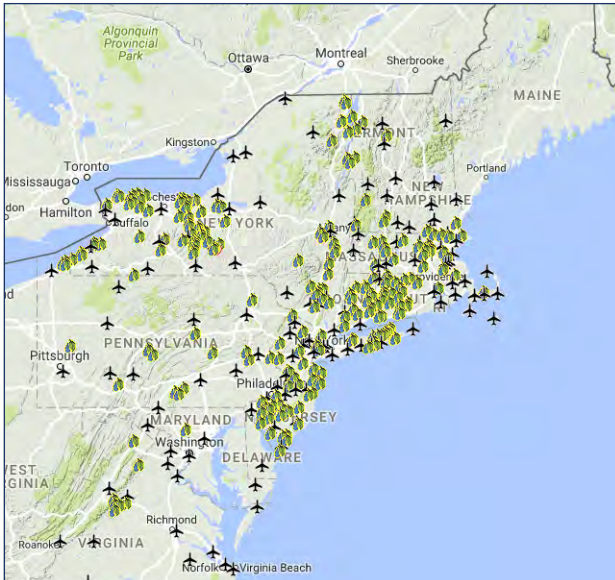
newa.cornell.edu

What is NEWA?

The Network for Environment and Weather Applications connects you with data from weather stations across the Northeast.

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

Weather station locations at the NEWA website.

How does NEWA help?

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

NEWA provides ...

- hourly and daily weather summaries
- degree day tables
- plant disease forecasts
- insect models
- crop production models
- National Weather Service forecasts

Can I have a NEWA weather station on my farm?

Yes! NEWA interfaces with RainWise stations. Find out under "About Weather Stations" at newa.cornell.edu. Contact us to learn more.

PHOTO: MARY CONCKLIN, UCONN

A Rainwise Weather Station

What types of weather-driven models are on NEWA?

Crop Production Models:

apple fruit thinning • evapotranspiration

apple irrigation • growing degree days (GDD)

IPM Forecast Models:

APPLES

apple scab • obliquebanded leafroller

fire blight • spotted tentiform leafminer

codling moth • plum curculio

oriental fruit moth • apple maggot

sooty blotch & fly speck • San Jose scale

GRAPES

black rot • powdery mildew

Phomopsis • downy mildew

grape berry moth

ONIONS

Botrytis blight • Alternaria blight

downy mildew • onion maggot

POTATOES & TOMATOES

late blight • early blight

OTHER CROPS

cabbage maggot • turf diseases

Stewart's wilt of sweet corn • alfalfa weevil