

# 2019 NEWA IMPACT REPORT FOR MASSACHUSETTS

## PROJECT LEADERS

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*This work was supported in part by funding provided by USDA NIFA Extension Implementation Program, Award No. 2017-70006-27137*

## INTRODUCTION

The Network for Environment and Weather Applications (NEWA) is a collection of online insect pest and plant disease management tools build to provide MA growers with short-term crop risk assessments. Each tool or resource uses real-time weather data streamed from 49 weather stations across the state and can be accessed at <http://newa.cornell.edu>. NEWA is made possible in MA through a partnership with University of Massachusetts and the New York State IPM Program at Cornell University. The following sections summarize NEWA digital outreach and impact among online users located within MA for the 2019 calendar year, based on IP address. In 2019, 3106 unique users in MA accessed the NEWA platform, completing 17924 pageviews to achieve 227.0 online contact hours.

## STATION OVERVIEW

<b>Active Stations (as of 12/31/19)</b>	<b>49</b>
Privately-owned	27
Airports	22
Mesonet (None)	0
Stations added	Available in 2020
Stations removed	Available in 2020

## NEWA HELP DESK SUPPORT

Tickets opened	Available in 2020
Tickets resolved	Available in 2020
Touches (email or phone calls supporting MA users)	Available in 2020
<b>Top issues</b>	<b># Tickets</b>
Issue #1	Available in 2020
Issue #2	Available in 2020
Issue #3	Available in 2020

## WEATHER RESOURCES

Resource	Users	Pageviews	Contact hours
Daily Summaries	90	214	2.3
Hourly Data	107	222	1.9
Degree Day Monthly Summaries	138	356	4.8
Degree Day Calculator	96	274	1.4

## APPLE RESOURCES

Resource	Users	Pageviews	Contact hours
Apple Diseases	207	742	7.4
Apple Insects	86	172	2.0
Apple Leaf Wetness Events	5	6	6
Apple Carbohydrate Thinning Model	62	288	1.6
Apple CHO Thinning v2019	35	147	0.1
Apple Irrigation	19	35	0.0
Apple Evapotranspiration	11	15	0.0

## GRAPE RESOURCES

Resource	Users	Pageviews	Contact hours
Grape Diseases, DMCast, and Grape Berry Moth	28	82	1.3

## VEGETABLE RESOURCES

Resource	Users	Pageviews	Contact hours
Cabbage Maggot	58	121	1.7
Onion Diseases	3	7	0.0
Onion Maggot	20	69	0.5
Potato Diseases	4	5	0.0
Tomato Diseases	36	82	0.9
Sweet Corn Stewarts Wilt Map	2	3	0.0

## FIELD CROPS RESOURCES

Resource	Users	Pageviews	Contact hours
Alfalfa Weevil	1	2	0.0