



# Newsletter

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## CaroVail

### Agronomy Update

August 19, 2016

#### Locations

##### *Auburn*

55 Columbus St  
Auburn, NY 13021  
315-253-7379

##### *Bernardston*

472 Northfield Road  
Bernardston, MA  
01337  
413-648-9900

##### *Niverville*

831 Route 28  
Niverville, NY 12130  
518-784-9166

##### *Oriskany Falls*

8341 US State Rt 20  
Oriskany Falls, NY  
13425  
315-841-3201

##### *Salem*

4134 State Rt 22  
Salem, NY 12865  
518-854-9446

##### *Tri Valley Crop Ctr*

337 State Hwy 162  
Sprakers, NY 12166  
518-673-5336



## Empire Farm Days

**Meagan Chittenden & Josh Rutherford**

For three long, hot days, us interns; Josh, Melissa and Meagan, explored the Empire Farm Days. While we were there, we were able to sit in on seminars, watch demonstrations and talk with not only growers, but other professionals from whom we can learn.

During the Empire Farm Days, we were able to tour the Seedway plant and learn about how hybrids are produced. None of us had seen the process of how corn was bred to produce inbred parents to eventually create a hybrid. After spending time learning about controlled pollination, we went to the plant where we were able to see where the seeds are germinated, bagged and treated for shipments. We were able to learn tremendously about the lengthy development of hybrids and the course the seed takes before we are able to see it being sold. We would like to thank Pete Carey again for the tour and everyone who was able to tell us a little about what they do.

The Soil Health Center at Empire Farm Days, first established in 2015, was created for presentations from professionals from Cornell University, USDA, and the Soil and Water Conservation Districts. Along with presentations, agencies set up rainfall demonstrations to simulate alternative agricultural soil management practices like conventional, no-till, and cover cropping in order to show the impact on soil health and biology. Panel guests were invited to have open discussions with the audience on their practices and learning outcomes they were willing to share on the different topics such as cover cropping tips and techniques, tillage practices, and soil health.

PRO-DAIRY and DairyBusiness & HolsteinWorld magazine have partnered to create conferences known as Dairy Profit Seminars. Farm Credit East, Pike-Side Enterprises, ASAP Interiors, Lallemand Animal Nutrition, Multimin USA, Dairy Farmers of America, and Farm Family Casualty Insurance sponsored the seminars. One seminar discussed the difficulties in implementing manure storage facilities and the methods Russ Beck, owner of Beck Farms Inc., used to address community concerns as well as on-farm management of manure. Other seminars discussed the changing and response to the agriculture labor environment, and improving herd health and safer foods through the effective development, operation, and assessment of management practices.

**Auburn**

**Bernardston**

**Niverville**

**Oriskany Falls**

**Salem**

**Tri Valley**





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## Weather Update

	Approx. Weekly Rainfall	Avg expected high Temp next week	Avg expected Low Temp next week	GDD (Base 50) since Jan 1	GDD (Base 50) since Mar 1	GDD (Base 50) since Apr 1	GDD (Base 50) since May 1
Auburn	.46	82	62	1933	1933	1908	1872
Bernardston	.27	82	58	1947	1947	1921	1868
Niverville	.42	82	62	1978	1978	1945	1888
Oriskany Falls	.39	79	60	1889	1889	1851	1815
Salem	.49	82	60	1729	1729	1704	1660
TVCC	.60	80	60	2107	2107	2076	2003



United States Department of Agriculture  
National Agricultural Statistics Service



New York

# Crop Progress & Condition

Blair Smith, State Statistician

10B Airline Drive, Albany, NY 12235

Phone: 518-457-5570 Fax: 800-591-3834

[www.nass.usda.gov/ny](http://www.nass.usda.gov/ny)  
Week ending August 14, 2016

Issued weekly on the internet, April - November  
by the Northeastern Regional Field Office of NASS

[nassrfooner@nass.usda.gov](mailto:nassrfooner@nass.usda.gov)  
Released August 15, 2016

**Excellent Week for Field Work:** New York had an average of 5.5 days suitable for field work. Several areas throughout the state reported receiving between 0.39 – 3.0 inches of rain for the second week in August; however, rainfall varied throughout each region and was not evenly disbursed. Although the much needed rainfall improved soil moisture, several areas report still being in a drought. Many regions that experienced thunderstorms reported wind damage to corn, onions and soybeans; however the overall benefits of rainfall outweighed damage in most areas. Pastureland and hay regrowth seems to be improving. Green bean, beat and clingstone peach harvest has begun, and day-neutral strawberry harvest is increasing. Long Island vineyards show veraison is progressing nicely and growers are applying netting to keep birds away. Apple maggots, Spotted Wing Drosophila and mites continue being a challenge for some growers in New York; however, most areas seem to be containing pest issues brought on by the dry season. Field activities for the week included small fruit harvesting, pest control, applying pesticides and manure, irrigation, repair and maintenance of equipment.

## Soil Moisture for Week Ending August 14, 2016 (in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	24	25	38	13
SUBSOIL	24	27	39	10

## Crop Conditions as of August 14, 2016 (in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
BARLEY	0	2	25	71	2
CHERRIES, SWEET	52	38	4	6	0
CORN	7	11	22	43	17
GRAPES	0	7	30	62	1
HAY, ALFALFA	6	7	35	44	8
HAY, OTHER	9	9	36	42	4
OATS	2	2	21	70	5
PASTURE AND RANGE	6	14	41	33	6
PEARS	12	6	6	76	0
SOYBEANS	8	16	26	44	6
WINTER WHEAT	0	3	22	56	19

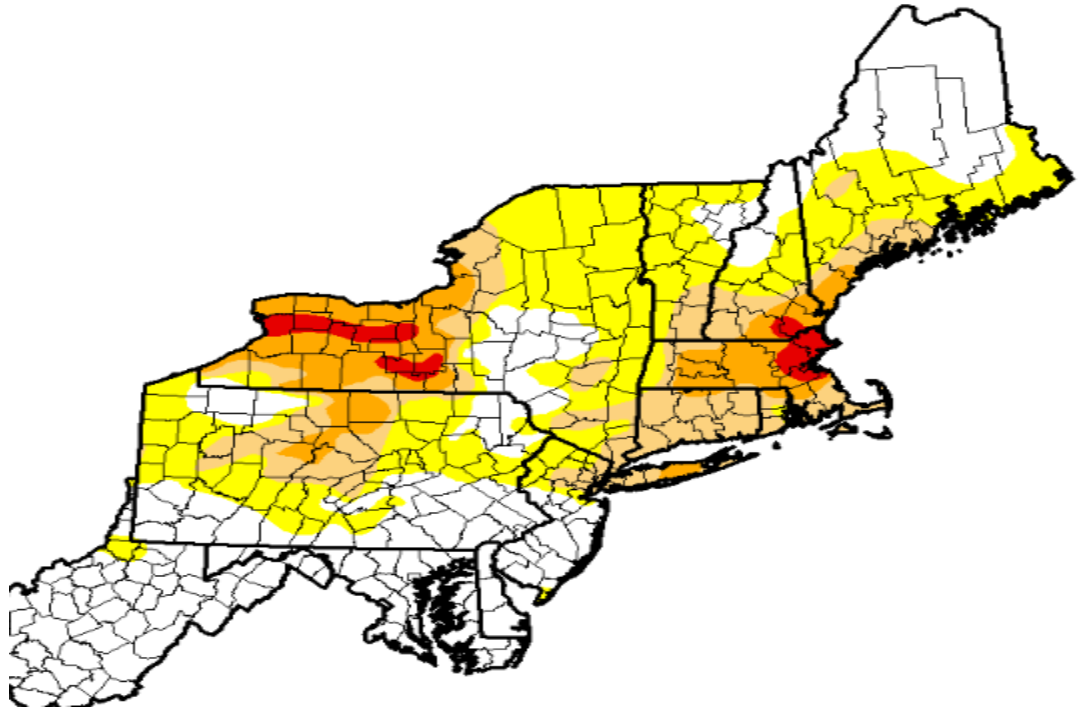
## Crop Progress as of August 14, 2016 (in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
BARLEY: HEADED	89	87	95	N/A
BARLEY: HARVESTED	42	32	70	N/A
CABBAGE: HARVESTED	41	23	42	N/A
CORN: SILKING	71	57	80	N/A
CORN: DOUGH	25	9	33	N/A
CORN AVERAGE HEIGHT: (IN.)	66	64	81	N/A
HAY, ALFALFA: SECOND CUTTING	89	86	84	92
HAY, ALFALFA: THIRD CUTTING	36	23	42	N/A
HAY, OTHER: SECOND CUTTING	85	82	81	N/A
HAY, OTHER: THIRD CUTTING	30	21	31	N/A
OATS: HARVESTED	76	63	56	56
ONIONS DRY: HARVESTED	38	26	39	26
POTATOES: HARVESTED	27	16	17	19
SNAP BEANS: HARVESTED	38	21	31	30
SOYBEANS: BLOOMING	78	67	86	N/A
SOYBEANS: SETTING PODS	55	43	56	N/A
SWEET CORN: HARVESTED	45	26	50	39
WINTER WHEAT: HARVESTED	97	93	95	97
APPLES: HARVESTED	12	7	14	11
PEACHES: HARVESTED	59	38	46	42
PEARS: HARVESTED	30	12	29	21
CHERRIES, SWEET: HARVESTED	88	83	91	97

For a complete nationwide weekly weather and crop bulletin, please visit [www.usda.gov/oce/weather](http://www.usda.gov/oce/weather) and click on "Weekly Weather and Crop Bulletin."

# U.S. Drought Monitor

## Northeast



**August 16, 2016**  
 (Released Thursday August 18, 2016)  
 Valid 8 a.m. EDT

Statistics type:

Traditional Percent Area

Export table:



Week	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current <a href="#">2016-08-16</a>	42.57	57.43	26.80	12.02	2.32	0.00
Last Week <a href="#">2016-08-09</a>	40.04	59.96	28.57	12.96	0.15	0.00
3 Months Ago <a href="#">2016-05-17</a>	67.19	32.81	1.00	0.00	0.00	0.00
Start of Calendar Year <a href="#">2015-12-29</a>	62.10	37.90	6.60	0.00	0.00	0.00
Start of Water Year <a href="#">2015-09-29</a>	42.41	57.59	9.00	0.00	0.00	0.00
One Year Ago <a href="#">2015-08-18</a>	77.79	22.21	2.34	0.00	0.00	0.00

Estimated Population in Drought Areas: **32,768,454**

[View More Statistics](#)

### Intensity:

- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying [text summary](#) for forecast statements.