



Newsletter

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CaroVail

Agronomy Update

June 24, 2016

June is National Dairy Month

Thanks to all of America's dairy producers for providing the world with healthy dairy products



The Potato Leafhopper-You Annual Reminder

Frank Flis

As Southerly winds have brought back warmer temperatures, they unfortunately have also brought some undesirable hitchhikers – potato leafhoppers. The potato leafhopper feeds on over 100 cultivated and wild plants including alfalfa, clover, eggplant, potatoes, soybeans, snap beans, apples, and grapes. The adults arrive in the north at the end of April / early May on the winds and weather currents from their usual overwintering areas in the south.

The adults lay eggs on the stems of host plants. They lay 3 to 4 eggs per day per individual with a life expectancy of one month. How many eggs is that? Let's just say – that's a lot of eggs.

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

The nymphs emerge and begin their feeding frenzy and that is when we see the damage. Aside from just feeding on the plant, the nymphs also inject a toxin into the plant, decreasing the plants ability to produce photosynthate, which is a crucial sugary energy source made during photosynthesis.

Through our field scouting program, we have started to see leafhoppers and leafhopper damage manifesting in local fields. Also, if dry conditions persist (the area is on the border of being in a mild, short-term drought according to some drought monitors), then this will be another stress to the regrowth of alfalfas and clovers (or any other host plants). The one-two punch of leafhoppers and dry conditions could spell trouble.

Please try to take the time to ensure that your fields are scouted. Scouting will allow you to determine if a control is required. Sweeping regrowth and new seedings to determine thresholds, along with close examination of leaves on impacted crops will help you to make the right treatment decisions. Contact your local CaroVail office to discuss potential control measures if needed.

Auburn

Bernardston

Niverville

Oriskany Falls

Salem

Tri Valley



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	0.29	87	61	666	666	641.5	605.2
Bernardston	0.0	84	58	685	685	659.1	606
Niverville	0.11	86	61	714	714	681.1	624.4
Oriskany Falls	0.46	80	59	651	651	613.5	577
Salem	0.10	83	59	609.8	609.8	585.3	541.3
TVCC	0.22	82	58	792.4	792.4	762.1	688.7



United States Department of Agriculture
National Agricultural Statistics Service



New York

Crop Progress & Condition

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www.nass.usda.gov/ny

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Week ending June 19, 2016

Released June 20, 2016

Excellent Week for Field Work: New York had an average of 6.5 days suitable for field work. Weather was hot and dry with the need for more rainfall reported by several areas in the state. Dry conditions are making it difficult for crops such as corn and soybean. As a result of the dry weather, germination has become an issue in certain areas, causing farmers to re-plant some corn and soybean crops. More areas are reporting fire blight being observed and impacting apple growers in more areas. This has been a great week for hay, with the ground being very dry many farmers are able to bale, wrap and chop their hay crops; some areas have even reported a few farmers as having started their second round of cutting. Grapes are reported as being in their early blooming stages, however more rain would improve the crops. Field activities for the week included weed control, tillage, seeding, applying fertilizer, manure, pesticides, irrigation, repair and maintenance; additionally, progress of small fruits such as blueberries and strawberries have been strong for the past week.

Crop Progress as of June 19, 2016

(in percent)

Item	This Week	Last Week	Last Year	5 Year Avg.
SPRING TILLAGE: SINGLE	96	94	99	91
BARLEY: EMERGED	86	82	85	71
BARLEY: HEADED	42	29	28	14
CABBAGE: PLANTED	86	73	64	66
CORN: PLANTED	95	90	97	94
CORN: EMERGED	84	75	88	67
CORN AVERAGE HEIGHT: (IN.)	10	8	12	N/A
HAY, ALFALFA: FIRST CUTTING	83	67	69	75
HAY, ALFALFA: SECOND CUTTING	6	0	0	<5
HAY, OTHER: FIRST CUTTING	75	60	56	59
OATS: EMERGED	88	82	88	84
OATS: HEADED	50	24	10	9
POTATOES: PLANTED	84	79	80	92
SNAP BEANS: PLANTED	52	40	43	51
SOYBEANS: PLANTED	93	84	79	80
SOYBEANS: EMERGED	71	60	61	50
SWEET CORN: PLANTED	84	79	78	80
WINTER WHEAT: HEADED	95	91	83	73
APPLES: FULL BLOOM	97	93	100	98
PEACHES: PINK BLOOM	99	94	100	100
PEACHES: FULL BLOOM	94	88	99	95
PEARS: FULL BLOOM	96	94	99	93
CHERRIES, SWEET: FULL BLOOM	96	92	99	97

Soil Moisture for Week Ending June 19, 2016

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	12	30	44	14
SUBSOIL	12	23	53	12

Crop Conditions as of June 19, 2016

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
BARLEY	0	2	31	64	3
CORN	0	3	20	58	19
GRAPES	0	1	25	73	1
HAY, ALFALFA	0	4	32	53	11
HAY, OTHER	1	6	35	47	11
OATS	0	0	23	72	5
PASTURE AND RANGE	0	4	39	50	7
SOYBEANS	0	6	21	55	18
WINTER WHEAT	0	3	24	54	19

For a complete nationwide weekly weather and crop bulletin, please visit www.usda.gov/oc/e/weather and click on "Weekly Weather and Crop Bulletin."

Auburn

Bernardston

Niverville

Oriskany Falls

Salem

Tri Valley