



Newsletter

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CaroVail

Agronomy Update

May 6, 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



Do Soybeans Need Phosphorus?

Mark Avery

It's pretty well established that good yielding soybeans require an ample amount of potassium. But something that isn't discussed as much is the fact that they also like phosphorus. A soybean crop that yields 60 bushels/acre can remove as much as 50 lbs of P₂O₅ from the soil.

Phosphorus is essential for root development and helps with nodulation and nitrogen fixation (by symbiotic bacteria). It also promotes enzymatic activity and is a significant component of reproductive growth and maturation including seed number, seed size and germination.

According to Fred Below, Ph.D., professor of plant physiology at the University of Illinois, pre-season phosphorus applications offer benefits throughout the season. "Phosphorus is critical for root development, seed development and growth. The plants need high amounts of phosphate when they're growing vegetatively early in

the season, but almost half of that phosphorus is actually accumulated during pod fill. We see a four to five bushel yield advantage from soybean fertilization with phosphorus over a range of soil types,” he says.

If a soil test confirms that phosphorus is low, then work with your local CaroVail location to determine the right source and blend to not only meet your P needs, but to also meet your other nutrient and farm requirements.

For further information and discussion on blend ratios and rates, be sure to contact your local CaroVail.

Auburn

Business Corner

Julie Forbes

Bernardston

A reminder that **CaroVail's Ag Finance** program can help growers fund their 2016 CaroVail purchases, most with deferred payment until February 10, 2017. Contact your CaroVail representative to start your application today, or get started today by going to our website www.carovail.com and clicking on “News”, then “Credit Applications” !

Niverville

Oriskany Falls

Additionally, CaroVail is an authorized **John Deere Financial** merchant for your Ag Preferred Special Terms credit line through JDF. Please let our office know that you would like to use your available JDF credit when you place your spring orders.

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	0.94	69	48	60.8	60.8	36.3	0
Bernardston	0.69	65	47	79	79	53.1	0
Niverville	0.67	68	49	89.6	89.6	56.7	0
Oriskany Falls	1.14	64	47	74.5	74.5	37	.5
Salem	0.64	65	47	68.4	68.4	43.9	0
TVCC	0.54	65	47	104.1	104.1	73.8	.4



United States Department of Agriculture
National Agricultural Statistics Service



New York

Crop Progress & Condition

Blair Smith, State Statistician

10B Airline Drive, Albany, NY 12235

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www.nass.usda.gov/ny

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by the Northeastern Regional Field Office of NASS

nassrfoner@nass.usda.gov

Week ending May 1, 2016

Released May 2, 2016

Auburn

Good Week for Field Work: New York had an average of 5 days suitable for field work.

Crop Progress as of May 1, 2016

(in percent)

Bernardston

Dry cold weather this week in New York. Planting is beginning for corn and cabbage. Wheat and rye condition is good. Fruit grower concerns over disease and temperature damage continue to be reported. Field activities for the week include tillage, seeding, applying fertilizer, manure and pesticides, repair and maintenance.

Item	This Week	Last Week	Last Year	5 Year Avg.
SPRING TILLAGE: SINGLE	42	29	25	9
BARLEY: PLANTED	21	5	8	<5
OATS: PLANTED	41	22	22	31
ONIONS DRY: PLANTED	46	22	15	14
POTATOES: PLANTED	10	<5	<5	24
SWEET CORN: PLANTED	6	<5	7	8
APPLES: GREEN TIP	74	71	43	66
APPLES: PINK	38	18	11	44
APPLES: FULL BLOOM	7	N/A	0	22
PEACHES: GREEN TIP	79	69	23	63
PEACHES: PINK	44	23	<5	44
PEACHES: FULL BLOOM	17	N/A	0	21
PEARS: GREEN TIP	84	74	27	66
PEARS: PINK	53	11	9	47
PEARS: FULL BLOOM	32	N/A	0	22
CHERRIES, SWEET: GREEN TIP	70	69	50	70
CHERRIES, SWEET: PINK	26	15	<5	48
CHERRIES, SWEET: FULL BLOOM	11	N/A	0	23
CHERRIES, TART: GREEN TIP	31	21	10	61

Niverville

Soil Moisture for Week Ending May 1, 2016

(in percent)

Item	Very Short	Short	Adequate	Surplus
TOPSOIL	1	8	65	26
SUBSOIL	1	9	68	22

Oriskany Falls

Crop Conditions as of May 1, 2016

(in percent)

Item	Very Poor	Poor	Fair	Good	Excellent
HAY, ALFALFA	0	4	56	34	6
HAY, OTHER	0	2	57	36	5
PASTURE AND RANGE	0	1	43	47	9
WINTER WHEAT	0	3	25	54	18

Salem

Tri Valley

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