



**Excellent Winter Wheat Yields**

For the week ending Sunday, August 19, 2012, there were 5.5 days suitable for field work. Topsoil moisture was rated at 5% short, 90% adequate, and 5% surplus. Subsoil moisture was rated at 5% short, 90% adequate, and 5% surplus. Pasture and range condition was rated at 50% fair and 50% good.

Occasional rains had helped irrigation. Grain crops looked good with excellent winter wheat yields. Hay is being planted. Corn is being chopped for silage. Harvesting vegetables and planting fall vegetables continued. Tomato disease issues have been reported. Peach and grape crops are maturing early. Milk production was average to slightly lower than average due to weather conditions.

**Climate summary for the week ending 8am 8/20/12**

Temperatures averaged near normal north and central and above normal south, averaging 70 degrees north, 73 degrees central, and 74 degrees south. Extremes were 90 degrees at Downtown on August 18, 2012, and 51 degrees at Charlotteburg on August 19, 2012.

Weekly rainfall averaged 0.76 inches north, 1.28 inches central, and 1.17 inches south. The heaviest 24 hour total reported was 1.92 inches at Long Branch on August 15, 2012 to August 16, 2012.

Estimated soil moisture, in percent of field capacity, this past week averaged 88 percent north, 82 percent central, and 83 percent south.

Four inch soil temperatures averaged 72 degrees north, 75 degrees central, and 75 degrees south.

**Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania  
Issued By Rutgers University- New Brunswick, NJ  
8 am EDT Tuesday August 21, 2012**

Rainfall amounts isolated tenth of an inch today, none tonight and Wednesday winds for spraying northeast then south 5 mph today, southwest 5 mph tonight, northeast 5 mph Wednesday.

Relative humidity in percent 40 to 50 today, 90 to 100 tonight, 45 to 55 Wednesday. Dew points upper 50s to low 60s through Wednesday. Drying conditions fair to good today, fair to good Wednesday. Dew tonight, moderate dew Wednesday night. Percent of possible sunshine 60 today, 70 Wednesday.

There is a 20 percent probability of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain-free period after application. Hay cutting will see fairly good drying conditions through Friday with a slight chance of showers today.

Conditions might be favorable for the occurrence of cranberry scald today but should be unfavorable on Friday. Soil moisture is generally favorable at most locations. Growing degree day totals base 50 continue to run well ahead of normal. The latest 8 to 14 day outlook for the period August 28, 2012 to September 3, 2012 is calling for temperatures to average above normal and precipitation to average above normal.

**Weather Summary for the Week Ending Monday, August 20, 2012**

Weather Stations	Rainfall			Temperatures Last Week				Growing Degree Days <sup>1</sup>		Soil Moisture <sup>2</sup>
	Last Week	Since March 1		Max.	Min.	Avg.	Dept.*	Total	Dept.*	
		Total	Dept.*							
	Inches	Inches	Inches	Degrees	Degrees	Degrees	Degrees	Base 50°F	Base 50°F	Percent
<b>North</b>										
Belvidere Bridge .....	0.23	23.59	90	85	52	70	0	2,374	386	76
Canoe Brook.....	0.75	19.03	-4.79	89	56	72	2	2,653	657	90
Charlotteburg.....	1.06	17.28	-6.76	86	51	69	2	2,350	774	88
Flemington.....	1.44	22.90	-0.08	89	53	71	0	2,594	547	96
Newton .....	0.32	26.50	4.33	84	53	70	2	2,423	608	73
<b>Central</b>										
Freehold .....	1.08	20.81	-1.57	89	55	73	1	2,705	523	80
Long Branch .....	2.06	25.83	3.27	88	60	73	1	2,537	434	79
New Brunswick .....	1.11	21.21	-1.31	89	54	73	0	2,770	501	92
Toms River .....	0.65	18.20	-4.91	89	57	74	3	2,502	415	54
Trenton .....	1.48	20.30	-1.13	87	57	73	0	2,903	530	95
<b>South</b>										
Cape May C.H. ....	0.42	18.09	-1.86	88	56	72	-2	2,329	279	73
Downtown .....	1.18	16.62	-4.48	90	57	75	2	2,812	434	77
Hammonton .....	1.37	20.43	-1.66	89	59	75	2	2,841	482	80
Pomona .....	1.72	22.42	2.14	89	63	76	4	2,724	524	77
Seabrook .....	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
South Harrison.....	1.46	15.46	-6.47	89	60	76	N/ A	2,927	N/ A	N/ A

\* Departure from normal.

<sup>1</sup> Growing degree days since March 1, 2012, total and departure from normal or long term average.

<sup>2</sup> Estimated soil moisture as % of field capacity based on climate data.

<sup>3</sup> Data not available.

**JERSEY FRESH AVAILABILITY FOR AUGUST 20, 2012**

<b>ARRUGULA</b>	Harvesting good quality in fair quantity in this heat.
<b>BABY SPINACH &amp; ARUGULA</b>	Harvesting very good quality in fair quantity.
<b>BASIL</b>	Likes the heat. Harvesting good quality in good volume.
<b>BEETS</b>	Harvesting good quality product in fair to good volume.
<b>CABBAGE</b>	Harvesting excellent quality product in fair volume.
<b>CILANTRO</b>	A light volume of good quality product harvesting.
<b>COLLARDS/KALE</b>	A light to fair volume of good quality products harvesting.
<b>CUCUMBERS</b>	Good quality Pickles & Cukes harvesting in light volume due to past heat. Supply ramping up a bit in September w/ a flush of Fall product.
<b>DANDELIONS</b>	Good quality bunched Spring planted Italian and San Pasquale varieties both harvesting in fair quantity.
<b>DILL</b>	Harvesting very good quality in light volume.
<b>EGGPLANT</b>	Harvesting very good quality product in good supply.
<b>LEEKS</b>	A fair volume of good quality harvesting.
<b>MINT</b>	Likes the heat. Harvesting a good volume of excellent quality product.
<b>NECTARINES</b>	Harvesting a fair to good volume of the excellent quality Fantasia variety. Should be in fair to decreasing supply for the next couple of weeks with decreasing volume through early September.
<b>PARSLEY</b>	Harvesting a fair volume of good quality curly and plain.
<b>PEACHES</b>	Harvesting a good supply of excellent quality Flamin Fury, Cresthaven, Jerseyqueen & Encore varieties, through early September. Klondike, Sugar Giant, & Lady Nancy white peaches harvesting in good volume. Brix levels are high due to our early hot and dry weather, so sweetness is ensured. Sizing and color are good.
<b>PEPPERS</b>	Harvesting a good supply of good quality product.
<b>RADISHES</b>	Harvesting good quality product in light volume. Supply will ramp up a bit in September w/ some Fall product.
<b>SPINACH</b>	A light volume of good quality product harvesting due to past heat. Supply ramping up a bit in September w/ a flush of Fall product.
<b>SQUASH</b>	Very good quality green and yellow squash harvesting in light to fair volume. Supply will ramp up a bit in September w/ some Fall product.
<b>SWEET CORN</b>	Good volume of very good quality corn.
<b>SWISS CHARD</b>	Harvesting a light to fair volume of very good quality product. Supply will ramp up a bit in September w/ a flush of Fall product.
<b>TOMATOES</b>	Harvesting excellent quality in good volume.
<b>TURNIPS</b>	Harvesting very good quality in very light volume due to prolonged past heat. Supply will ramp up a bit in September w/ a flush of Fall product.