

NEW JERSEY CROP WEATHER

Week ending May 28, 2001

Issue
NJ-CW2001

In Cooperation With:

U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

Agricultural Summary

Days suitable for field work 3.7. Topsoil moisture supplies were rated 9% short, 53% adequate and 38% surplus. Wheat and barley were rated in mostly fair to good condition. Some producers reported stunted growth in some small grain fields and late development due to recent dry weather. Corn planted 76%. Soybeans planted 45%. Several days of showers and thunderstorms replenished soil moisture levels allowing producers to resume planting of summer row and vegetable crops. Some producers reported uneven germination and growth in early planted corn and soybean fields. Hay producers continued their first cutting as weather permitted with many reporting lower than expected yields. Activities included equipment repair and maintenance, herbicide application, fertilizing, weeding, irrigating, and pest management. Range and pasture condition was rated 9% poor, 39% fair, 45% good and 3% excellent. Vegetable producers continued planting summer crops. Some producers reported uneven germination and slow growth in early planted sweet corn due to recent dry weather conditions. Spring spinach and asparagus harvest continued on schedule in central and southern Jersey with crop condition rated as mostly good. Producers also made good progress harvesting boston and romaine lettuce, and cilantro. Crop condition was rated as mostly good. Blueberries were rated in mostly good condition. Cranberry producers continued to irrigate bogs and reported minor frost damage in some fields. Wet weather delayed strawberry harvest and producers reported problems with rot in some fields. Fruit producers continued thinning peach and apple trees. Fruit quality is rated as mostly good.

Weather Summary

Temperatures averaged below normal. Extremes were 80 degrees at Pemberton on the 25th and 49 degrees at Charlotteburg on the 22nd. Weekly rainfall averaged 3.89 inches north, 2.20 inches central, and 2.11 inches south. The heaviest 24 hour total reported was 2.02 inches at Long Valley on the 26th to 27th. Estimated soil moisture, in percent of field capacity, this past week averaged 98 percent north, 89 percent central and 79 percent south. Four inch soil temperatures averaged 60 degrees north, 60 degrees central and 63 degrees south.

WEATHER STATIONS	R A I N F A L L			TEMPERATURE			GDD BASE50		MON	
	WEEK	TOTAL	DEP	MX	MN	AVG	DEP	TOT		DEP
BELVIDERE BRIDGE	4.90	11.91	.88	71	51	60.	-3	407	114	100
CANOE BROOK	2.43	9.16	-3.03	74	52	59.	-4	453	186	100
CHARLOTTEBURG	3.48	10.88	-1.13	74	49	59.	-1	346	167	100
LONG VALLEY	4.11	9.28	-3.16	70	52	58.	-3	323	110	100
NEWTON	4.53	12.61	1.93	75	50	58.	-3	405	188	100
FREEHOLD	1.24	11.38	-.14	71	52	59.	-5	526	184	87
LONG BRANCH	1.51	12.57	.68	68	52	59.	-4	392	94	88
NEW BRUNSWICK	2.98	11.78	.45	74	52	60.	-5	454	82	100
PEMBERTON	2.05	9.40	-1.56	80	50	62.	-3	513	145	100
TOMS RIVER	.87	10.12	-1.37	73	54	62.	-1	471	150	69
TRENTON	4.54	12.30	1.88	76	54	61.	-5	501	89	100

ATLANTIC CITY MARINA	.59	5.97	-3.49	77	57	63.	0	451	127	50
CAPE MAY COURT HOUSE	1.17	7.46	-2.64	79	55	65.	1	488	123	60
DOWNTOWN	2.32	9.91	-.46	77	52	64.	-2	505	80	100
GLASSBORO	3.97	11.64	.62	77	53	64.	-2	559	151	100
HAMMONTON	1.90	9.35	-1.38	78	52	64.	-2	517	117	91
POMONA	1.17	8.38	-1.63	76	54	64.	0	471	130	70
SEABROOK	3.66	11.87	2.37	79	55	65.	-1	553	123	100
SOUTH HARRISON	4.48	12.78	1.96	76	52	64	NA	520	NA	NA

Contact Information

New Jersey Agricultural Statistics Service

E-mail: nass-nj@nass.usda.gov