

PLANT & PEST ADVISORY

FIELD CROPS/LIVESTOCK EDITION \$1.50

AUGUST 21, 1997



Field & Forage Research on Display

The following research sites are available for viewing at the Rutgers Snyder Research and Extension Farm, Pittstown, NJ, Hunterdon County. To arrange a tour, contact the research farm at (908) 730-9419.

- ❖ Weed Control Strategies in Forages
- ❖ New Forage Grasses for New Jersey
- ❖ Alfalfa Varieties Resistant to Leafhoppers
- ❖ Influence of Manure on Corn Yields and Soil Pest Populations
- ❖ Weed Control in Field Corn
- ❖ Soybean and Corn Variety Trials

Weekly Weather Summary

Keith Arnesen, Agricultural Meteorologist

Temperatures averaged much above normal. Extremes were 100 degrees at Woodstown on the 17th, and 54 degrees at Newton and Charlotteburg on the 15th. Weekly rainfall averaged 1.48 inches North, 0.86 inches Central, and 0.56 inches South. The heaviest 24 hour total was 2.27 inches at Charlotteburg on the 17th to 18th. Estimated soil moisture, in percent of field capacity, this past week averaged 74 percent North, 64 percent Central and 52 percent South. Four inch soil temperatures averaged 72 degrees North, 75 degrees Central and 76 degrees South.

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Weekly Weather Summary 1

Weather Summary for the Week Ending 8 a.m. Monday 8/18/97

WEATHER STATIONS	RAINFALL			TEMPERATURE				GDD BASE50		MON
	WEEK	TOTAL	DEP	MX	MN	AVG	DEP	TOT	DEP	%FC
BELVIDERE BRIDGE	1.63	20.33	-2.04	94	54	74.	4	1803	-145	99
CANOE BROOK	.64	21.75	-1.75	96	59	77.	6	2164	209	70
CHARLOTTEBURG	3.16	22.84	-0.88	92	54	73.	5	1702	161	100
FLEMINGTON	.49	21.56	-1.12	94	58	75.	4	1872	-133	77
LONG VALLEY	1.40	22.50	-1.95	90	55	73.	5	1665	-69	90
NEWTON	1.57	18.78	-3.09	90	54	72.	3	1563	-216	87
FREEHOLD	missing									
LONG BRANCH	.69	19.67	-2.56	95	67	77.	5	2059	0	55
NEW BRUNSWICK	.38	27.44	5.23	95	61	77.	4	2072	-151	74
PEMBERTON	1.64	20.74	-1.75	98	71	82.	9	2359	177	75
TOMS RIVER	.70	19.18	-3.61	95	65	78.	7	2098	53	50
TRENTON	.87	22.74	1.60	96	60	76.	2	2051	-275	70
CAPE MAY COURT HOUSE	.10	16.05	-3.62	98	63	78.	4	2184	-18	28
DOWNTOWN	.22	17.62	-3.18	98	60	78.	5	2189	-143	40
GLASSBORO	1.69	21.99	.23	95	67	79.	5	2343	34	70
HAMMONTON	.98	19.68	-2.11	97	60	78.	4	2172	-140	61
POMONA	.59	22.04	2.06	98	65	79.	7	2190	34	53
SEABROOK	.07	18.94	-1.02	99	67	80.	6	2341	-3	27
ATLANTIC CITY MARINA	.28	19.18	.03	97	71	79.	6	2196	118	36
WOODSTOWN	.00	17.98	-3.69	100	60	80	NA	2363	NA	NA
WES KLINE — GDD BASE 40 PINEY HOLLO										
				Last Week	226 (Ending 08/11/97)	This Week	266 (Ending 08/18/97)			

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