

**Plumley Farm Research Site, Raleigh County, WV**  
**37° 48' N latitude; 80° 59' W longitude; 890 m (2920 ft) elevation**

Day	Reba Date	Total Precip (in.)	Min Temp (°C)	Max Temp (°C)	Ave Temp (°C)	Min RH (%)	Max RH (%)	Max PAR ( $\mu\text{mol/s/m}^2$ )	Ave PAR ( $\mu\text{mol/s/m}^2$ )	Total PAR Flux ( $\text{mmol/m}^2$ )	Min Wind (MPH)	Max Wind (MPH)	Ave Wind (MPH)	Max Solar Radiation (W/M2)	Ave Solar Radiation (W/M2)	Total Solar Radiation (MJ)	Total DETo (mm)
92	4/1/2008	0.03	3.392	21.4	13.87	39.45	93	2461	396.5	34257	2.372	24.85	9.96	1213	198.2	17.121	2.925
93	4/2/2008	0	-0.363	10.95	4.931	29.05	83.5	2049	520.1	44934	0	19.07	7.48	1070	270.2	23.347	2.665
94	4/3/2008	0.68	-0.1	6.504	2.104	46.55	100	347.9	74.7	6456.3	6.963	25.99	14.8	162	33.16	2.8655	0.288
95	4/4/2008	0.11	1.815	15.44	8.6	70	100	2632	205.9	17785	0	19.43	8.87	1236	98.2	8.4839	1.165
96	4/5/2008	0.87	5.097	10.26	7.31	82.7	100	1349	210.5	18187	0	15.55	5.7	687.1	102.5	8.8589	0.954
97	4/6/2008	0.23	5.214	11.7	7.52	73	100	2352	273.8	23658	2.67	20.38	8.56	1202	138.6	11.975	1.356
98	4/7/2008	0	4.966	17.59	9.79	48.04	100	2270	510.6	44115	2.789	24.91	12.26	1099	262.3	22.664	2.952
99	4/8/2008	0	4.817	18.05	9.5	44.62	100	2179	494.4	42714	0	22.65	12.29	998	256.2	22.132	2.85
100	4/9/2008	0	5.231	20.27	12.02	51.02	94.2	1698	352	30412	0	19.61	7.13	867	169.9	14.68	2.081
101	4/10/2008	0	11.38	23.71	16.97	37.1	88.5	1946	564.8	48799	0	22.23	8.88	978	281.5	24.326	4.426
102	4/11/2008	0.32	12.74	25.67	17.49	35.27	98.2	2346	370.6	32021	1.775	18.59	8.77	1169	180.6	15.607	3.372
103	4/12/2008	0	4.421	20.08	13.63	22.61	88	2142	556.2	48050	0	22.11	8.17	1083	283.4	24.486	4.157
104	4/13/2008	0.15	-0.15	5.462	1.955	64.01	100	2345	249.8	21580	2.073	12.33	5.799	1207	127.5	11.014	1.033
105	4/14/2008	0.04	-0.33	3.253	0.927	80	100	1319	136.5	11795	1.716	12.69	5.654	625.4	68.9	5.9535	0.502
106	4/15/2008	0	-1.794	10.92	4.815	24.68	88.3	1904	613.1	52971	1.894	15.91	5.865	1018	326.7	28.231	3.356
107	4/16/2008	0	2.664	19.04	10.77	14.01	45.36	1919	622.5	53787	0	12.21	4.576	999	324.4	28.026	4.423
108	4/17/2008	0	8.68	23.4	15.71	17.35	43.6	1965	599.2	51769	0	11.26	4.105	1012	308.1	26.619	4.696
109	4/18/2008	0	13.05	24.79	18.88	16.14	46.94	1923	575.8	49747	0	17.52	5.557	974	294.7	25.467	5.231
110	4/19/2008	0.71	6.632	18.11	12.96	33.39	99.8	2709	242.1	20920	0	25.99	8.69	1332	117.5	10.152	2.101
111	4/20/2008	0.35	5.247	13.33	8.04	58.45	100	2216	301.3	26032	0	12.21	4.55	1178	152.1	13.138	1.69
112	4/21/2008	0.03	7.16	17.73	11.15	51.84	99.1	2994	340	29376	0	11.67	5.178	1455	169	14.6	2.18
113	4/22/2008	0	9.36	16.74	12.39	61.43	94.9	2627	226.9	19601	1.119	15.31	5.159	1088	109.7	9.4812	1.549
114	4/23/2008	0	10.01	23.54	15.77	35.94	95.8	2394	558.7	48269	0	16.8	6.158	1190	277.6	23.988	3.892
115	4/24/2008	0	11.71	25.36	18.17	25.14	88	2171	586	50632	0	14.12	5.321	1111	294.2	25.419	4.713
116	4/25/2008	0	14.1	23.84	18.37	40.05	77.8	2473	417.3	36051	0	11.26	5.556	1239	204.2	17.642	3.396
117	4/26/2008	0	11.45	25.01	18.05	37.34	82.6	2560	490.7	42395	0	17.22	7.06	1260	240.7	20.8	4
118	4/27/2008	0.38	9.31	22	13.8	37.36	100	2071	479.3	41411	0	19.07	6.386	1066	244.8	21.155	3.587
119	4/28/2008	0.5	3.481	11.89	8.72	72.9	100	1214	119.9	10356	0	13.22	5.201	710	59.94	5.179	0.488
120	4/29/2008	0.05	-0.726	3.548	1.053	84.1	98	820	122.7	10603	1.477	14.06	5.799	433.8	62.11	5.3663	0.478
121	4/30/2008	0.01	-1.085	15.35	7.29	32.28	98.5	2121	598.6	51721	0	10.84	2.998	1113	313.8	27.116	3.443
	Apr-08	4.46	-1.794	25.67	10.75	14.01	100	2994	393.68	1020404.3	0	25.99	7.08	1455	199.02	515.89	79.95