Table 1. Weather Data for the Malt Barley Research Trials at the University of Massachusetts Agricultural Research Farm, South Deerfield, MA*

Year	Month	Avg. Temp (F)	Departure from avg.	Max Temp (F)	Departure from avg.	Min Temp (F)	Departure from avg.	Total Rain (in)**	Departure from avg.	GDD 32***	Departure from avg.
2014	September	61.4	0.1	87.3	1.5	38.6	4.2	1.6	-2.6	921.8	3.3
	October	52.8	4.1	75.8	-0.6	31.3	7.4	6.3	2.0	638.3	97.4
	Nov	37.7	-1.3	63.9	-1.8	13.7	-0.1	3.5	0.5	196.6	-52.7
	Dec	32.8	3.4	53.2	-5.1	10.6	9.0	4.6	1.3	87.1	1.3
2015	January	20.0	-2.7	39.9	-11.6	-5.7	4.1	3.3	0.6	1.1	-39.1
	February	13.4	-12.0	38.6	-13.0	-17.6	-13.6	1.5	-1.1	0.1	-37.2
	March	29.4	-4.3	54.9	-9.5	-4.5	-7.8	1.7	-1.8	52.4	-111.9
	April	45.8	-0.1	73.6	-7.4	20.4	-0.9	2.0	-1.1	406.0	-45.7
	May	63.6	6.6	88.6	1.4	35.0	5.3	1.0	-2.3	975.2	166.2
	June	64.3	-1.2	86.2	-4.0	43.2	2.3	7.6	3.0	989.6	-49.8
	July	69.9	-0.6	90.8	-0.6	52.3	4.0	3.3	-0.3	1217.3	-10.6
	August	70.0	1.2	90.5	0.6	52.3	6.8	2.5	-1.1	1222.9	39.1
	September	65.0	3.7	91.4	5.6	40.8	6.4	6.4	2.2	1044.9	126.5
	October	48.6	-0.1	73.9	-2.5	18.7	-5.2	2.2	-2.0	520.3	-20.6
	November	43.1	4.1	73.6	7.9	15.9	2.1	2.0	-1.1	348.7	99.5
	December	39.2	9.8	61.6	3.3	22.1	20.5	4.7	1.4	250.3	164.4
2016	January	27.1	4.4	51.8	0.3	4.1	13.9	1.5	-1.2	34.4	-5.7
	February	28.6	3.2	58.9	7.3	-15.0	-11.0	4.1	1.6	100.1	62.7
	March	40.5	6.8	77.9	13.5	17.6	14.3	3.3	-0.2	310.7	146.4
	April	45.4	-0.5	79.2	-1.8	12.2	-9.1	2.1	-1.0	414.0	-37.6
	May	57.5	0.5	90.6	3.4	29.0	-0.7	2.6	-0.8	807.5	-1.5
	June	66.3	0.8	87.7	-2.5	41.6	0.7	1.4	-3.2	1039.1	-0.3
	July	72.2	1.7	93.9	2.5	49.9	1.6	1.7	-2.0	1263.9	36.0

*Averages of weather data were obtained from the airport weather station in Orange, MA 23 mi from the South Deerfield location due to increased number of years available

**Rain data were obtained from the airport weather station in Orange, MA

***GDD: Growing degree days are calculated using the following formula: $\text{GDD}\left(\Sigma \frac{(T_{max}+T_{min})}{2}\right) - T_b$, where T_{max} and T_{min} = maximum and minimum daily temperatures and $T_b = T_{base}$ (32°F)