

Table 2. Available soil water by foot increments to six feet and rainfall between dates of soil water measurements on Azure barley, 1990.

						Planted	April 24	
						Emerge	May 7	
						Harvest (m ²)	July 20	
						Harvest (combine)	July 27	
	Soil Depth (feet)							
Date mo/day	DS ^a	0-1 inches water	1-2 inches water	2-3 inches water	3-4 inches water	4-5 inches water	5-6 inches water	Rain Inches
5/03	-	0.85	0.60	1.08	1.24	1.43	1.59	0.04
5/15	1.5	0.80	0.67	1.13	1.34	1.47	1.60	0.16
5/23	2.7	1.02	0.69	1.13	1.32	1.48	1.57	0.79
5/29	4.0	1.33	0.70	1.18	1.36	1.50	1.66	0.95
6/04	5.3	1.66	0.68	1.16	1.35	1.50	1.63	0.94
6/11	7.0	0.32	0.54	1.17	1.39	1.51	1.62	0.16
6/20	9.0	1.5	0.32	1.01	1.32	1.49	1.60	1.85
6/26	10.5	0.19	0.24	0.91	1.29	1.49	1.61	0.00
7/05	11.7	-0.06	0.12	0.64	1.14	1.45	1.60	1.22

7/09	12.5	-0.18	0.02	0.49	1.06	1.51	1.65	0.00
7/16	13.8	-0.24	-0.03	0.39	0.91	1.46	1.62	0.71
7/23	14.2	-0.29	-0.05	0.37	0.85	1.46	1.63	0.04
7/30	15.0	-0.32	-0.05	0.36	0.86	1.48	1.62	0.00
	"used"	1.17	0.65	0.72	0.38	-0.05	-0.03	6.86

^a Development stage, expanded Haun scale, estimated from regression of growing degree days.

Rain - 6.86 inches
(7/30 - 5/03) Soil water use (4 ft) - 2.92 inches
9.78 inches