

# MODEL 919 MOISTURE METER CHART

Sample Size     **225 GRAMS**     Calibrate at     **53**

**BARLEY, TWO-ROWED**

7 - 17%

$$\% \text{ MOISTURE} = 10.4887 + (0.25714 * \text{MR}) - (0.00012263 * \text{MR}^2) - (2.11\text{E-}05 * \text{MR}^3) - (0.045090 * \text{T})$$

## METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0	7.02	17	11.25	34	14.79	51	17.01				
1/2	7.15	17 1/2	11.37	34 1/2	14.88	51 1/2	17.05				
1	7.27	18	11.48	35	14.96	52	17.09				
1 1/2	7.40	18 1/2	11.60	35 1/2	15.05	52 1/2					
2	7.53	19	11.71	36	15.13	53					
2 1/2	7.66	19 1/2	11.83	36 1/2	15.21	53 1/2					
3	7.79	20	11.94	37	15.29	54					
3 1/2	7.91	20 1/2	12.05	37 1/2	15.37	54 1/2					
4	8.04	21	12.17	38	15.45	55					
4 1/2	8.17	21 1/2	12.28	38 1/2	15.53	55 1/2					
5	8.30	22	12.39	39	15.61	56					
5 1/2	8.42	22 1/2	12.50	39 1/2	15.68	56 1/2					
6	8.55	23	12.61	40	15.76	57					
6 1/2	8.68	23 1/2	12.72	40 1/2	15.83	57 1/2					
7	8.80	24	12.83	41	15.90	58					
7 1/2	8.93	24 1/2	12.93	41 1/2	15.97	58 1/2					
8	9.06	25	13.04	42	16.04	59					
8 1/2	9.18	25 1/2	13.14	42 1/2	16.10	59 1/2					
9	9.31	26	13.25	43	16.17	60					
9 1/2	9.43	26 1/2	13.35	43 1/2	16.23	60 1/2					
10	9.55	27	13.45	44	16.30	61					
10 1/2	9.68	27 1/2	13.56	44 1/2	16.36	61 1/2					
11	9.80	28	13.66	45	16.42	62					
11 1/2	9.93	28 1/2	13.76	45 1/2	16.48	62 1/2					
12	10.05	29	13.86	46	16.53	63					
12 1/2	10.17	29 1/2	13.95	46 1/2	16.59	63 1/2					
13	10.29	30	14.05	47	16.64	64					
13 1/2	10.41	30 1/2	14.15	47 1/2	16.69	64 1/2					
14	10.53	31	14.24	48	16.74	65					
14 1/2	10.66	31 1/2	14.34	48 1/2	16.79	65 1/2					
15	10.78	32	14.43	49	16.84	66					
15 1/2	10.89	32 1/2	14.52	49 1/2	16.89	66 1/2					
16	11.01	33	14.61	50	16.93	67					
16 1/2	11.13	33 1/2	14.70	50 1/2	16.97	67 1/2					

## TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.03	45	1.44	58	0.86	71	0.27	84	-0.32	97	-0.90
33	1.98	46	1.40	59	0.81	72	0.23	85	-0.36	98	-0.95
34	1.94	47	1.35	60	0.77	73	0.18	86	-0.41	99	-0.99
35	1.89	48	1.31	61	0.72	74	0.14	87	-0.45	100	-1.04
36	1.85	49	1.26	62	0.68	75	0.09	88	-0.50	101	-1.08
37	1.80	50	1.22	63	0.63	76	0.05	89	-0.54	102	-1.13
38	1.76	51	1.17	64	0.59	77	0.00	90	-0.59	103	-1.17
39	1.71	52	1.13	65	0.54	78	-0.05	91	-0.63	104	-1.22
40	1.67	53	1.08	66	0.50	79	-0.09	92	-0.68	105	-1.26
41	1.62	54	1.04	67	0.45	80	-0.14	93	-0.72	106	-1.31
42	1.58	55	0.99	68	0.41	81	-0.18	94	-0.77	107	-1.35
43	1.53	56	0.95	69	0.36	82	-0.23	95	-0.81	108	-1.40
44	1.49	57	0.90	70	0.32	83	-0.27	96	-0.86	109	-1.44