

MODEL 919 MOISTURE METER CHART

Sample Size: 225 GRAMS

Calibrate at: 53

Six Rowed Barley
8-22% Moisture

$$\% \text{ MOISTURE} = 10.891 + (0.2254 * MR) + (0.0003647 * MR^2) - (0.00001008 * MR^3) - (0.0445 * T)$$

METER READING & PERCENT MOISTURE

0		17	11.35	34	15.15	51	18.57	68	21.31	85
1/2		17 1/2	11.47	34 1/2	15.26	51 1/2	18.66	68 1/2	21.38	85 1/2
1		18	11.58	35	15.37	52	18.75	69	21.44	86
1 1/2		18 1/2	11.70	35 1/2	15.47	52 1/2	18.84	69 1/2	21.51	86 1/2
2		19	11.81	36	15.58	53	18.93	70	21.57	87
2 1/2	8.03	19 1/2	11.92	36 1/2	15.69	53 1/2	19.02	70 1/2	21.64	87 1/2
3	8.14	20	12.04	37	15.79	54	19.11	71	21.70	88
3 1/2	8.26	20 1/2	12.15	37 1/2	15.90	54 1/2	19.20	71 1/2	21.76	88 1/2
4	8.37	21	12.27	38	16.00	55	19.29	72	21.82	89
4 1/2	8.49	21 1/2	12.38	38 1/2	16.11	55 1/2	19.37	72 1/2	21.88	89 1/2
5	8.60	22	12.49	39	16.21	56	19.46	73	21.94	90
5 1/2	8.71	22 1/2	12.61	39 1/2	16.32	56 1/2	19.55	73 1/2	22.00	90 1/2
6	8.83	23	12.72	40	16.42	57	19.63	74		91
6 1/2	8.94	23 1/2	12.83	40 1/2	16.52	57 1/2	19.71	74 1/2		91 1/2
7	9.06	24	12.94	41	16.62	58	19.80	75		92
7 1/2	9.17	24 1/2	13.06	41 1/2	16.73	58 1/2	19.88	75 1/2		92 1/2
8	9.29	25	13.17	42	16.83	59	19.96	76		93
8 1/2	9.40	25 1/2	13.28	42 1/2	16.93	59 1/2	20.04	76 1/2		93 1/2
9	9.52	26	13.39	43	17.03	60	20.12	77		94
9 1/2	9.63	26 1/2	13.51	43 1/2	17.13	60 1/2	20.20	77 1/2		94 1/2
10	9.74	27	13.62	44	17.23	61	20.28	78		95
10 1/2	9.86	27 1/2	13.73	44 1/2	17.33	61 1/2	20.36	78 1/2		95 1/2
11	9.97	28	13.84	45	17.43	62	20.44	79		96
11 1/2	10.09	28 1/2	13.95	45 1/2	17.53	62 1/2	20.52	79 1/2		96 1/2
12	10.20	29	14.06	46	17.62	63	20.59	80		97
12 1/2	10.32	29 1/2	14.17	46 1/2	17.72	63 1/2	20.67	80 1/2		97 1/2
13	10.43	30	14.28	47	17.82	64	20.74	81		98
13 1/2	10.55	30 1/2	14.39	47 1/2	17.91	64 1/2	20.82	81 1/2		98 1/2
14	10.66	31	14.50	48	18.01	65	20.89	82		99
14 1/2	10.78	31 1/2	14.61	48 1/2	18.10	65 1/2	20.96	82 1/2		99 1/2
15	10.89	32	14.72	49	18.20	66	21.03	83		100
15 1/2	11.01	32 1/2	14.83	49 1/2	18.29	66 1/2	21.10	83 1/2		
16	11.12	33	14.94	50	18.39	67	21.17	84		
16 1/2	11.24	33 1/2	15.05	50 1/2	18.48	67 1/2	21.24	84 1/2		

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
28		41	1.60	54	1.02	67	0.45	80	-0.13	93	-0.71
29		42	1.56	55	0.98	68	0.40	81	-0.18	94	-0.76
30		43	1.51	56	0.93	69	0.36	82	-0.22	95	-0.80
31		44	1.47	57	0.89	70	0.31	83	-0.27	96	-0.85
32	2.00	45	1.42	58	0.85	71	0.27	84	-0.31	97	-0.89
33	1.96	46	1.38	59	0.80	72	0.22	85	-0.36	98	-0.93
34	1.91	47	1.34	60	0.76	73	0.18	86	-0.40	99	-0.98
35	1.87	48	1.29	61	0.71	74	0.13	87	-0.45	100	-1.02
36	1.82	49	1.25	62	0.67	75	0.09	88	-0.49	101	-1.07
37	1.78	50	1.20	63	0.62	76	0.04	89	-0.53	102	-1.11
38	1.74	51	1.16	64	0.58	77	0.00	90	-0.58	103	-1.16
39	1.69	52	1.11	65	0.53	78	-0.04	91	-0.62	104	-1.20
40	1.65	53	1.07	66	0.49	79	-0.09	92	-0.67	105	

Chart H-1-05

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1022 W. Jackson Blvd., Chicago, IL 60607
Tel: (312) 738-3700

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