

MODEL 919 MOISTURE METER CHART

Sample Size **250 GRAMS** Calibrate at **53** **HARD RED SPRING WHEAT**
 6 - 20% Moisture

$$\% \text{ MOISTURE} = 8.1734 + (0.2194 * MR) + (0.0000203 * MR^2) - (2.3E-6 * MR^3) - (0.050763 * T)$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
1		17 1/2	8.10	34	11.66	50 1/2	15.10	67	18.36	84	21.47
1 1/2		18	8.21	34 1/2	11.76	51	15.20	67 1/2	18.46	84 1/2	21.56
2		18 1/2	8.32	35	11.87	51 1/2	15.30	68	18.55	85	21.65
2 1/2		19	8.42	35 1/2	11.98	52	15.40	68 1/2	18.65	85 1/2	21.73
3		19 1/2	8.53	36	12.08	52 1/2	15.51	69	18.74	86	21.82
3 1/2		20	8.64	36 1/2	12.19	53	15.61	69 1/2	18.84	86 1/2	21.91
4		20 1/2	8.75	37	12.29	53 1/2	15.71	70	18.93	87	21.99
4 1/2		21	8.86	37 1/2	12.40	54	15.81	70 1/2	19.03	87 1/2	22.08
5		21 1/2	8.97	38	12.50	54 1/2	15.91	71	19.12	88	22.16
5 1/2		22	9.08	38 1/2	12.61	55	16.01	71 1/2	19.21	88 1/2	22.25
6		22 1/2	9.19	39	12.72	55 1/2	16.11	72	19.31	89	22.33
6 1/2		23	9.29	39 1/2	12.82	56	16.21	72 1/2	19.40	89 1/2	22.41
7		23 1/2	9.40	40	12.93	56 1/2	16.31	73	19.49	90	22.50
7 1/2		24	9.51	40 1/2	13.03	57	16.41	73 1/2	19.59	90 1/2	22.58
8	6.02	24 1/2	9.62	41	13.14	57 1/2	16.51	74	19.68	91	22.66
8 1/2	6.13	25	9.73	41 1/2	13.24	58	16.61	74 1/2	19.77	91 1/2	22.75
9	6.24	25 1/2	9.83	42	13.34	58 1/2	16.71	75	19.86	92	22.83
9 1/2	6.35	26	9.94	42 1/2	13.45	59	16.81	75 1/2	19.96	92 1/2	22.91
10	6.46	26 1/2	10.05	43	13.55	59 1/2	16.91	76	20.05	93	22.99
10 1/2	6.57	27	10.16	43 1/2	13.66	60	17.00	76 1/2	20.14	93 1/2	23.08
11	6.68	27 1/2	10.27	44	13.76	60 1/2	17.10	77	20.23	94	23.16
11 1/2	6.79	28	10.37	44 1/2	13.87	61	17.20	77 1/2	20.32	94 1/2	23.24
12	6.90	28 1/2	10.48	45	13.97	61 1/2	17.30	78	20.41	95	23.32
12 1/2	7.01	29	10.59	45 1/2	14.07	62	17.40	78 1/2	20.50	95 1/2	23.40
13	7.12	29 1/2	10.70	46	14.18	62 1/2	17.49	79	20.59	96	23.48
13 1/2	7.22	30	10.80	46 1/2	14.28	63	17.59	79 1/2	20.68	96 1/2	23.56
14	7.33	30 1/2	10.91	47	14.38	63 1/2	17.69	80	20.77	97	23.64
14 1/2	7.44	31	11.02	47 1/2	14.49	64	17.79	80 1/2	20.86	97 1/2	23.72
15	7.55	31 1/2	11.12	48	14.59	64 1/2	17.88	81	20.95	98	23.80
15 1/2	7.66	32	11.23	48 1/2	14.69	65	17.98	81 1/2	21.04	98 1/2	23.87
16	7.77	32 1/2	11.34	49	14.79	65 1/2	18.08	82	21.12	99	23.95
16 1/2	7.88	33	11.44	49 1/2	14.90	66	18.17	82 1/2	21.21	99 1/2	24.03
17	7.99	33 1/2	11.55	50	15.00	66 1/2	18.27	83	21.30	100	24.11

TEMPERATURE CORRECTION

READINGS IN ITALICS ARE EXTRAPOLATED

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.28	45	1.62	58	0.96	71	0.30	84	-0.36	97	-1.02
33	2.23	46	1.57	59	0.91	72	0.25	85	-0.41	98	-1.07
34	2.18	47	1.52	60	0.86	73	0.20	86	-0.46	99	-1.12
35	2.13	48	1.47	61	0.81	74	0.15	87	-0.51	100	-1.17
36	2.08	49	1.42	62	0.76	75	0.10	88	-0.56	101	-1.22
37	2.03	50	1.37	63	0.71	76	0.05	89	-0.61	102	-1.27
38	1.98	51	1.32	64	0.66	77	0.00	90	-0.66	103	-1.32
39	1.93	52	1.27	65	0.61	78	-0.05	91	-0.71	104	-1.37
40	1.88	53	1.22	66	0.56	79	-0.10	92	-0.76	105	-1.42
41	1.83	54	1.17	67	0.51	80	-0.15	93	-0.81	106	-1.47
42	1.78	55	1.12	68	0.46	81	-0.20	94	-0.86	107	-1.52
43	1.73	56	1.07	69	0.41	82	-0.25	95	-0.91	108	-1.57
44	1.68	57	1.02	70	0.36	83	-0.30	96	-0.96	109	-1.62

Note: Extrapolated readings are included on this chart only to be used as an aid in estimating moisture and may not be as accurate as non-extrapolated readings. For further information, contact Shore Sales Co. at (800) 837-0863 or email shoresales@msn.com

CHART W-3-04
Effective April 06, 2004