

MODEL 919 MOISTURE METER CHART

Sample Size **250 GRAMS** Calibrate at **53** SOFT WHITE WHEAT
 8 - 18 % (7.4 - 21%) See note

$$\% \text{ MOISTURE} = 8.9181 + (0.20318 * MR) - (0.0000848 MR^2) - (0.05201 * T)$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
1		17 1/2	8.44	34	11.72	50 1/2	14.96	67	<i>18.15</i>	83 1/2	
1 1/2		18	8.54	34 1/2	11.82	51	15.06	67 1/2	<i>18.25</i>	84	
2		18 1/2	8.64	35	11.92	51 1/2	15.15	68	<i>18.34</i>	84 1/2	
2 1/2		19	8.74	35 1/2	12.02	52	15.25	68 1/2	<i>18.44</i>	85	
3		19 1/2	8.84	36	12.12	52 1/2	15.35	69	<i>18.53</i>	85 1/2	
3 1/2		20	8.94	36 1/2	12.22	53	15.45	69 1/2	<i>18.63</i>	86	
4		20 1/2	9.04	37	12.32	53 1/2	15.54	70	<i>18.72</i>	86 1/2	
4 1/2		21	9.14	37 1/2	12.41	54	15.64	70 1/2	<i>18.82</i>	87	
5		21 1/2	9.24	38	12.51	54 1/2	15.74	71	<i>18.92</i>	87 1/2	
5 1/2		22	9.34	38 1/2	12.61	55	15.83	71 1/2	<i>19.01</i>	88	
6		22 1/2	9.44	39	12.71	55 1/2	15.93	72	<i>19.11</i>	88 1/2	
6 1/2		23	9.54	39 1/2	12.81	56	16.03	72 1/2	<i>19.20</i>	89	
7		23 1/2	9.64	40	12.91	56 1/2	16.12	73	<i>19.30</i>	89 1/2	
7 1/2		24	9.74	40 1/2	13.00	57	16.22	73 1/2	<i>19.39</i>	90	
8		24 1/2	9.84	41	13.10	57 1/2	16.32	74	<i>19.49</i>	90 1/2	
8 1/2		25	9.94	41 1/2	13.20	58	16.42	74 1/2	<i>19.58</i>	91	
9		25 1/2	10.04	42	13.30	58 1/2	16.51	75	<i>19.68</i>	91 1/2	
9 1/2		26	10.14	42 1/2	13.40	59	16.61	75 1/2	<i>19.77</i>	92	
10		26 1/2	10.24	43	13.49	59 1/2	16.71	76	<i>19.87</i>	92 1/2	
10 1/2		27	10.34	43 1/2	13.59	60	16.80	76 1/2	<i>19.97</i>	93	
11		27 1/2	10.44	44	13.69	60 1/2	16.90	77	<i>20.06</i>	93 1/2	
11 1/2		28	10.54	44 1/2	13.79	61	16.99	77 1/2	<i>20.16</i>	94	
12		28 1/2	10.64	45	13.89	61 1/2	17.09	78	<i>20.25</i>	94 1/2	
12 1/2	<i>7.44</i>	29	10.73	45 1/2	13.98	62	17.19	78 1/2	<i>20.35</i>	95	
13	<i>7.54</i>	29 1/2	10.83	46	14.08	62 1/2	17.28	79	<i>20.44</i>	95 1/2	
13 1/2	<i>7.64</i>	30	10.93	46 1/2	14.18	63	17.38	79 1/2	<i>20.54</i>	96	
14	<i>7.74</i>	30 1/2	11.03	47	14.28	63 1/2	17.48	80	<i>20.63</i>	96 1/2	
14 1/2	<i>7.84</i>	31	11.13	47 1/2	14.37	64	17.57	80 1/2	<i>20.72</i>	97	
15	<i>7.94</i>	31 1/2	11.23	48	14.47	64 1/2	17.67	81	<i>20.82</i>	97 1/2	
15 1/2	8.04	32	11.33	48 1/2	14.57	65	17.77	81 1/2	<i>20.91</i>	98	
16	8.14	32 1/2	11.43	49	14.67	65 1/2	17.86	82	<i>21.01</i>	98 1/2	
16 1/2	8.24	33	11.53	49 1/2	14.76	66	17.96	82 1/2		99	
17	8.34	33 1/2	11.63	50	14.86	66 1/2	<i>18.05</i>	83		99 1/2	
										100	

TEMPERATURE CORRECTION

Readings in italics are extrapolated

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.34	45	1.66	58	0.99	71	0.31	84	-0.36	97	-1.04
33	2.29	46	1.61	59	0.94	72	0.26	85	-0.42	98	-1.09
34	2.24	47	1.56	60	0.88	73	0.21	86	-0.47	99	-1.14
35	2.18	48	1.51	61	0.83	74	0.16	87	-0.52	100	-1.20
36	2.13	49	1.46	62	0.78	75	0.10	88	-0.57	101	-1.25
37	2.08	50	1.40	63	0.73	76	0.05	89	-0.62	102	-1.30
38	2.03	51	1.35	64	0.68	77	0.00	90	-0.68	103	-1.35
39	1.98	52	1.30	65	0.62	78	-0.05	91	-0.73	104	-1.40
40	1.92	53	1.25	66	0.57	79	-0.10	92	-0.78	105	-1.46
41	1.87	54	1.20	67	0.52	80	-0.16	93	-0.83	106	-1.51
42	1.82	55	1.14	68	0.47	81	-0.21	94	-0.88	107	-1.56
43	1.77	56	1.09	69	0.42	82	-0.26	95	-0.94	108	-1.61
44	1.72	57	1.04	70	0.36	83	-0.31	96	-0.99	109	-1.66

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-6-04
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