

MODEL 919 MOISTURE METER CHART

Sample Size **250 GRAMS** Calibrate at **53**

HARD WHITE WHEAT
6 - 14% Moisture

$$\% \text{ MOISTURE} = 7.8606 + (0.2392 * \text{MR}) - (0.00049 * \text{MR}^2) - (0.0525 * T)$$

METER READING & PERCENT MOISTURE											
MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0		17	7.74	34	11.38	51	<i>14.74</i>	68		85	
1/2		17 1/2	7.85	34 1/2	11.49	51 1/2	<i>14.84</i>	68 1/2		85 1/2	
1		18	7.96	35	11.59	52	<i>14.93</i>	69		86	
1 1/2		18 1/2	8.08	35 1/2	11.69	52 1/2	<i>15.03</i>	69 1/2		86 1/2	
2		19	8.19	36	11.79	53	<i>15.12</i>	70		87	
2 1/2		19 1/2	8.30	36 1/2	11.90	53 1/2	<i>15.21</i>	70 1/2		87 1/2	
3		20	8.41	37	12.00	54	<i>15.31</i>	71		88	
3 1/2		20 1/2	8.52	37 1/2	12.10	54 1/2	<i>15.40</i>	71 1/2		88 1/2	
4		21	8.63	38	12.20	55	<i>15.49</i>	72		89	
4 1/2		21 1/2	8.73	38 1/2	12.30	55 1/2	<i>15.58</i>	72 1/2		89 1/2	
5		22	8.84	39	12.40	56	<i>15.68</i>	73		90	
5 1/2		22 1/2	8.95	39 1/2	12.50	56 1/2	<i>15.77</i>	73 1/2		90 1/2	
6		23	9.06	40	12.60	57	<i>15.86</i>	74		91	
6 1/2		23 1/2	9.17	40 1/2	12.70	57 1/2	<i>15.95</i>	74 1/2		91 1/2	
7		24	9.28	41	12.80	58	<i>16.04</i>	75		92	
7 1/2		24 1/2	9.38	41 1/2	12.90	58 1/2	<i>16.13</i>	75 1/2		92 1/2	
8		25	9.49	42	13.00	59	<i>16.23</i>	76		93	
8 1/2		25 1/2	9.60	42 1/2	13.10	59 1/2	<i>16.32</i>	76 1/2		93 1/2	
9		26	9.71	43	13.20	60	<i>16.41</i>	77		94	
9 1/2	6.05	26 1/2	9.81	43 1/2	13.30	60 1/2	<i>16.50</i>	77 1/2		94 1/2	
10	6.16	27	9.92	44	13.39	61	<i>16.59</i>	78		95	
10 1/2	6.28	27 1/2	10.03	44 1/2	13.49	61 1/2	<i>16.68</i>	78 1/2		95 1/2	
11	6.39	28	10.13	45	13.59	62	<i>16.76</i>	79		96	
11 1/2	6.50	28 1/2	10.24	45 1/2	13.69	62 1/2	<i>16.85</i>	79 1/2		96 1/2	
12	6.62	29	10.34	46	13.78	63	<i>16.94</i>	80		97	
12 1/2	6.73	29 1/2	10.45	46 1/2	13.88	63 1/2	<i>17.03</i>	80 1/2		97 1/2	
13	6.84	30	10.55	47	13.98	64	<i>17.12</i>	81		98	
13 1/2	6.96	30 1/2	10.66	47 1/2	<i>14.07</i>	64 1/2	<i>17.21</i>	81 1/2		98 1/2	
14	7.07	31	10.76	48	<i>14.17</i>	65	<i>17.30</i>	82		99	
14 1/2	7.18	31 1/2	10.87	48 1/2	<i>14.27</i>	65 1/2	<i>17.38</i>	82 1/2		99 1/2	
15	7.30	32	10.97	49	<i>14.36</i>	66	<i>17.47</i>	83		100	
15 1/2	7.41	32 1/2	11.07	49 1/2	<i>14.46</i>	66 1/2	<i>17.56</i>	83 1/2			
16	7.52	33	11.18	50	<i>14.55</i>	67	<i>17.64</i>	84			
16 1/2	7.63	33 1/2	11.28	50 1/2	<i>14.65</i>	67 1/2	<i>17.73</i>	84 1/2			

TEMPERATURE CORRECTION

READINGS IN ITALICS ARE EXTRAPOLATED

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.36	45	1.68	58	1.00	71	0.32	84	-0.37	97	-1.05
33	2.31	46	1.63	59	0.95	72	0.26	85	-0.42	98	-1.10
34	2.26	47	1.58	60	0.89	73	0.21	86	-0.47	99	-1.16
35	2.21	48	1.52	61	0.84	74	0.16	87	-0.53	100	-1.21
36	2.15	49	1.47	62	0.79	75	0.11	88	-0.58	101	-1.26
37	2.10	50	1.42	63	0.74	76	0.05	89	-0.63	102	-1.31
38	2.05	51	1.37	64	0.68	77	0.00	90	-0.68	103	-1.37
39	2.00	52	1.31	65	0.63	78	-0.05	91	-0.74	104	-1.42
40	1.94	53	1.26	66	0.58	79	-0.11	92	-0.79	105	-1.47
41	1.89	54	1.21	67	0.53	80	-0.16	93	-0.84	106	-1.52
42	1.84	55	1.16	68	0.47	81	-0.21	94	-0.89	107	-1.58
43	1.79	56	1.10	69	0.42	82	-0.26	95	-0.95	108	-1.63
44	1.73	57	1.05	70	0.37	83	-0.32	96	-1.00	109	-1.68

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

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