

# MODEL 919 MOISTURE METER CHART

Sample Size     **250 GRAMS**     Calibrate at     **53**     **SOFT RED WINTER WHEAT**  
 10 - 22% Moisture

$$\% \text{ MOISTURE} = 9.939 + (0.12292 * \text{MR}) + (0.001311 * \text{MR}^2) - (7.06\text{E-}6 * \text{MR}^3) - (0.047663 * \text{T})$$

## METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
1		17 1/2	8.78	34	11.69	50 1/2	14.91	67	18.27	84	21.66
1 1/2		18	8.87	34 1/2	11.78	51	15.01	67 1/2	18.37	84 1/2	21.76
2		18 1/2	8.95	35	11.87	51 1/2	15.11	68	18.47	85	21.85
2 1/2		19	9.03	35 1/2	11.97	52	15.21	68 1/2	18.57	85 1/2	21.95
3		19 1/2	9.11	36	12.06	52 1/2	15.31	69	18.67	86	22.05
3 1/2		20	9.20	36 1/2	12.16	53	15.42	69 1/2	18.77	86 1/2	22.14
4		20 1/2	9.28	37	12.25	53 1/2	15.52	70	18.88	87	22.24
4 1/2		21	9.36	37 1/2	12.35	54	15.62	70 1/2	18.98	87 1/2	22.33
5		21 1/2	9.45	38	12.45	54 1/2	15.72	71	19.08	88	22.43
5 1/2		22	9.53	38 1/2	12.54	55	15.82	71 1/2	19.18	88 1/2	22.52
6		22 1/2	9.62	39	12.64	55 1/2	15.92	72	19.28	89	22.62
6 1/2		23	9.70	39 1/2	12.73	56	16.02	72 1/2	19.38	89 1/2	22.71
7		23 1/2	9.79	40	12.83	56 1/2	16.13	73	19.48	90	22.80
7 1/2		24	9.88	40 1/2	12.93	57	16.23	73 1/2	19.58	90 1/2	22.90
8		24 1/2	9.96	41	13.03	57 1/2	16.33	74	19.68	91	22.99
8 1/2		25	10.05	41 1/2	13.12	58	16.43	74 1/2	19.78	91 1/2	23.08
9		25 1/2	10.14	42	13.22	58 1/2	16.53	75	19.88	92	23.18
9 1/2		26	10.23	42 1/2	13.32	59	16.63	75 1/2	19.98	92 1/2	23.27
10		26 1/2	10.32	43	13.42	59 1/2	16.74	76	20.08	93	23.36
10 1/2		27	10.40	43 1/2	13.52	60	16.84	76 1/2	20.18	93 1/2	23.45
11		27 1/2	10.49	44	13.61	60 1/2	16.94	77	20.28	94	23.54
11 1/2		28	10.58	44 1/2	13.71	61	17.04	77 1/2	20.38	94 1/2	23.63
12		28 1/2	10.67	45	13.81	61 1/2	17.14	78	20.48	95	23.73
12 1/2		29	10.76	45 1/2	13.91	62	17.25	78 1/2	20.58	95 1/2	23.82
13		29 1/2	10.85	46	14.01	62 1/2	17.35	79	20.68	96	23.91
13 1/2		30	10.95	46 1/2	14.11	63	17.45	79 1/2	20.78	96 1/2	23.99
14		30 1/2	11.04	47	14.21	63 1/2	17.55	80	20.88	97	24.08
14 1/2		31	11.13	47 1/2	14.31	64	17.65	80 1/2	20.98	97 1/2	24.17
15		31 1/2	11.22	48	14.41	64 1/2	17.76	81	21.07	98	24.26
15 1/2		32	11.31	48 1/2	14.51	65	17.86	81 1/2	21.17	98 1/2	24.35
16		32 1/2	11.41	49	14.61	65 1/2	17.96	82	21.27	99	24.44
16 1/2		33	11.50	49 1/2	14.71	66	18.06	82 1/2	21.37	99 1/2	24.52
17		33 1/2	11.59	50	14.81	66 1/2	18.16	83	21.47	100	24.61

## TEMPERATURE CORRECTION

*Readings in italics are extrapolated*

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.14	45	1.53	58	0.91	71	0.29	84	-0.33	97	-0.95
33	2.10	46	1.48	59	0.86	72	0.24	85	-0.38	98	-1.00
34	2.05	47	1.43	60	0.81	73	0.19	86	-0.43	99	-1.05
35	2.00	48	1.38	61	0.76	74	0.14	87	-0.48	100	-1.10
36	1.95	49	1.33	62	0.71	75	0.10	88	-0.52	101	-1.14
37	1.91	50	1.29	63	0.67	76	0.05	89	-0.57	102	-1.19
38	1.86	51	1.24	64	0.62	77	0.00	90	-0.62	103	-1.24
39	1.81	52	1.19	65	0.57	78	-0.05	91	-0.67	104	-1.29
40	1.76	53	1.14	66	0.52	79	-0.10	92	-0.71	105	-1.33
41	1.72	54	1.10	67	0.48	80	-0.14	93	-0.76	106	-1.38
42	1.67	55	1.05	68	0.43	81	-0.19	94	-0.81	107	-1.43
43	1.62	56	1.00	69	0.38	82	-0.24	95	-0.86	108	-1.48
44	1.57	57	0.95	70	0.33	83	-0.29	96	-0.91	109	-1.53

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-5-04  
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