

# MODEL 919 MOISTURE METER CHART

Sample Size      **200 GRAMS**      Calibrate at      **63**

**OATS**  
8 - 16% Moisture

$$\% \text{ MOISTURE} = 9.0692 + (0.36894 * \text{MR}) - (0.00737 * \text{MR}^2) + (0.000122 * \text{MR}^3) - (0.03491 * T)$$

## METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
1	6.74	17 1/2	11.23	34	15.20	50 1/2	67	84			
1 1/2	6.92	18	11.35	34 1/2	15.35	51	67 1/2	84 1/2			
2	7.09	18 1/2	11.46	35	15.50	51 1/2	68	85			
2 1/2	7.26	19	11.57	35 1/2	15.65	52	68 1/2	85 1/2			
3	7.42	19 1/2	11.68	36	15.80	52 1/2	69	86			
3 1/2	7.59	20	11.79	36 1/2	15.96	53	69 1/2	86 1/2			
4	7.75	20 1/2	11.90	37	16.12	53 1/2	70	87			
4 1/2	7.90	21	12.01	37 1/2	16.29	54	70 1/2	87 1/2			
5	8.06	21 1/2	12.12	38	16.45	54 1/2	71	88			
5 1/2	8.21	22	12.23	38 1/2	16.62	55	71 1/2	88 1/2			
6	8.36	22 1/2	12.34	39	16.80	55 1/2	72	89			
6 1/2	8.50	23	12.45	39 1/2	16.97	56	72 1/2	89 1/2			
7	8.64	23 1/2	12.56	40	17.15	56 1/2	73	90			
7 1/2	8.79	24	12.68	40 1/2	17.34	57	73 1/2	90 1/2			
8	8.92	24 1/2	12.79	41	17.53	57 1/2	74	91			
8 1/2	9.06	25	12.90	41 1/2	17.72	58	74 1/2	91 1/2			
9	9.19	25 1/2	13.02	42	17.91	58 1/2	75	92			
9 1/2	9.33	26	13.14	42 1/2	18.11	59	75 1/2	92 1/2			
10	9.46	26 1/2	13.25	43	18.32	59 1/2	76	93			
10 1/2	9.58	27	13.37	43 1/2	18.53	60	76 1/2	93 1/2			
11	9.71	27 1/2	13.49	44	18.74	60 1/2	77	94			
11 1/2	9.83	28	13.61	44 1/2	18.96	61	77 1/2	94 1/2			
12	9.96	28 1/2	13.73	45	19.18	61 1/2	78	95			
12 1/2	10.08	29	13.86	45 1/2		62	78 1/2	95 1/2			
13	10.20	29 1/2	13.98	46		62 1/2	79	96			
13 1/2	10.32	30	14.11	46 1/2		63	79 1/2	96 1/2			
14	10.44	30 1/2	14.24	47		63 1/2	80	97			
14 1/2	10.55	31	14.37	47 1/2		64	80 1/2	97 1/2			
15	10.67	31 1/2	14.50	48		64 1/2	81	98			
15 1/2	10.78	32	14.64	48 1/2		65	81 1/2	98 1/2			
16	10.90	32 1/2	14.78	49		65 1/2	82	99			
16 1/2	11.01	33	14.91	49 1/2		66	82 1/2	99 1/2			
17	11.12	33 1/2	15.06	50		66 1/2	83	100			

## TEMPERATURE CORRECTION

Readings in italics are extrapolated

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	1.57	45	1.12	58	0.66	71	0.21	84	-0.24	97	-0.70
33	1.54	46	1.08	59	0.63	72	0.17	85	-0.28	98	-0.73
34	1.50	47	1.05	60	0.59	73	0.14	86	-0.31	99	-0.77
35	1.47	48	1.01	61	0.56	74	0.10	87	-0.35	100	-0.80
36	1.43	49	0.98	62	0.52	75	0.07	88	-0.38	101	-0.84
37	1.40	50	0.94	63	0.49	76	0.03	89	-0.42	102	-0.87
38	1.36	51	0.91	64	0.45	77	0.00	90	-0.45	103	-0.91
39	1.33	52	0.87	65	0.42	78	-0.03	91	-0.49	104	-0.94
40	1.29	53	0.84	66	0.38	79	-0.07	92	-0.52	105	-0.98
41	1.26	54	0.80	67	0.35	80	-0.10	93	-0.56	106	-1.01
42	1.22	55	0.77	68	0.31	81	-0.14	94	-0.59	107	-1.05
43	1.19	56	0.73	69	0.28	82	-0.17	95	-0.63	108	-1.08
44	1.15	57	0.70	70	0.24	83	-0.21	96	-0.66	109	-1.12

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 O-2-04  
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