

MODEL 919 MOISTURE METER CHART

Sample Size **200 GRAMS** Calibrate at **53** MED. GRAIN ROUGH RICE
8.6 - 30% Moisture

$$\% \text{ MOISTURE} = 11.1857 + (0.34548 * \text{MR}) - (0.00227 * \text{MR}^2) + (1.05\text{E-}5 * \text{MR}^3) - (0.037475 * \text{T})$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
1	8.64	17 1/2	13.71	34	17.84	50 1/2	21.31	67	24.42	83 1/2	27.43
1 1/2	8.81	18	13.84	34 1/2	17.95	51	21.41	67 1/2	24.51	84	27.53
2	8.98	18 1/2	13.98	35	18.06	51 1/2	21.51	68	24.60	84 1/2	27.62
2 1/2	9.15	19	14.12	35 1/2	18.17	52	21.60	68 1/2	24.69	85	27.71
3	9.32	19 1/2	14.25	36	18.29	52 1/2	21.70	69	24.78	85 1/2	27.81
3 1/2	9.48	20	14.39	36 1/2	18.40	53	21.80	69 1/2	24.87	86	27.90
4	9.65	20 1/2	14.52	37	18.51	53 1/2	21.89	70	24.96	86 1/2	28.00
4 1/2	9.81	21	14.65	37 1/2	18.62	54	21.99	70 1/2	25.05	87	28.09
5	9.97	21 1/2	14.78	38	18.73	54 1/2	22.09	71	25.14	87 1/2	28.18
5 1/2	10.13	22	14.91	38 1/2	18.84	55	22.18	71 1/2	25.24	88	28.28
6	10.29	22 1/2	15.04	39	18.94	55 1/2	22.28	72	25.33	88 1/2	28.37
6 1/2	10.45	23	15.17	39 1/2	19.05	56	22.37	72 1/2	25.42	89	28.47
7	10.61	23 1/2	15.30	40	19.16	56 1/2	22.47	73	25.51	89 1/2	28.56
7 1/2	10.77	24	15.43	40 1/2	19.27	57	22.56	73 1/2	25.60	90	28.66
8	10.92	24 1/2	15.56	41	19.37	57 1/2	22.66	74	25.69	90 1/2	28.76
8 1/2	11.08	25	15.68	41 1/2	19.48	58	22.75	74 1/2	25.78	91	28.85
9	11.23	25 1/2	15.81	42	19.58	58 1/2	22.84	75	25.87	91 1/2	28.95
9 1/2	11.39	26	15.93	42 1/2	19.69	59	22.94	75 1/2	25.96	92	29.05
10	11.54	26 1/2	16.06	43	19.79	59 1/2	23.03	76	26.05	92 1/2	29.14
10 1/2	11.69	27	16.18	43 1/2	19.90	60	23.12	76 1/2	26.15	93	29.24
11	11.84	27 1/2	16.30	44	20.00	60 1/2	23.22	77	26.24	93 1/2	29.34
11 1/2	11.99	28	16.42	44 1/2	20.10	61	23.31	77 1/2	26.33	94	29.44
12	12.14	28 1/2	16.55	45	20.21	61 1/2	23.40	78	26.42	94 1/2	29.54
12 1/2	12.28	29	16.67	45 1/2	20.31	62	23.50	78 1/2	26.51	95	29.64
13	12.43	29 1/2	16.79	46	20.41	62 1/2	23.59	79	26.60	95 1/2	29.74
13 1/2	12.58	30	16.91	46 1/2	20.51	63	23.68	79 1/2	26.69	96	29.84
14	12.72	30 1/2	17.02	47	20.61	63 1/2	23.77	80	26.79	96 1/2	29.94
14 1/2	12.86	31	17.14	47 1/2	20.71	64	23.87	80 1/2	26.88	97	30.04
15	13.01	31 1/2	17.26	48	20.81	64 1/2	23.96	81	26.97	97 1/2	30.14
15 1/2	13.15	32	17.38	48 1/2	20.91	65	24.05	81 1/2	27.06	98	30.24
16	13.29	32 1/2	17.49	49	21.01	65 1/2	24.14	82	27.16	98 1/2	30.34
16 1/2	13.43	33	17.61	49 1/2	21.11	66	24.23	82 1/2	27.25	99	30.44
17	13.57	33 1/2	17.72	50	21.21	66 1/2	24.32	83	27.34	99 1/2	30.55
										100	30.65

TEMPERATURE CORRECTION

Readings in italics are extrapolated

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	1.69	45	1.20	58	0.71	71	0.22	84	-0.26	97	-0.75
33	1.65	46	1.16	59	0.67	72	0.19	85	-0.30	98	-0.79
34	1.61	47	1.12	60	0.64	73	0.15	86	-0.34	99	-0.82
35	1.57	48	1.09	61	0.60	74	0.11	87	-0.37	100	-0.86
36	1.54	49	1.05	62	0.56	75	0.07	88	-0.41	101	-0.90
37	1.50	50	1.01	63	0.52	76	0.04	89	-0.45	102	-0.94
38	1.46	51	0.97	64	0.49	77	0.00	90	-0.49	103	-0.97
39	1.42	52	0.94	65	0.45	78	-0.04	91	-0.52	104	-1.01
40	1.39	53	0.90	66	0.41	79	-0.07	92	-0.56	105	-1.05
41	1.35	54	0.86	67	0.37	80	-0.11	93	-0.60	106	-1.09
42	1.31	55	0.82	68	0.34	81	-0.15	94	-0.64	107	-1.12
43	1.27	56	0.79	69	0.30	82	-0.19	95	-0.67	108	-1.16
44	1.24	57	0.75	70	0.26	83	-0.22	96	-0.71	109	-1.20

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 RR-2-04
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