

MODEL 919 MOISTURE METER CHART

Sample Size **200 GRAMS** Calibrate at **53** LONG GRAIN ROUGH RICE
8 - 28% Moisture

$$\% \text{ MOISTURE} = 10.6489 + (0.35736 * MR) - (0.00276 * MR^2) + (0.000136 * MR^3) - (0.03444 * T)$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
1	8.35	17 1/2	13.48	34	17.49	50 1/2	20.76	67	23.64	83 1/2	26.51
1 1/2	8.53	18	13.61	34 1/2	17.60	51	20.85	67 1/2	23.73	84	26.60
2	8.70	18 1/2	13.75	35	17.71	51 1/2	20.94	68	23.81	84 1/2	26.69
2 1/2	8.87	19	13.88	35 1/2	17.81	52	21.03	68 1/2	23.90	85	26.78
3	9.04	19 1/2	14.02	36	17.92	52 1/2	21.12	69	23.98	85 1/2	26.88
3 1/2	9.21	20	14.15	36 1/2	18.02	53	21.21	69 1/2	24.07	86	26.97
4	9.38	20 1/2	14.28	37	18.13	53 1/2	21.30	70	24.15	86 1/2	27.06
4 1/2	9.55	21	14.41	37 1/2	18.23	54	21.39	70 1/2	24.24	87	27.15
5	9.72	21 1/2	14.54	38	18.34	54 1/2	21.48	71	24.32	87 1/2	27.25
5 1/2	9.88	22	14.67	38 1/2	18.44	55	21.57	71 1/2	24.41	88	27.34
6	10.04	22 1/2	14.80	39	18.54	55 1/2	21.65	72	24.50	88 1/2	27.43
6 1/2	10.21	23	14.92	39 1/2	18.64	56	21.74	72 1/2	24.58	89	27.53
7	10.37	23 1/2	15.05	40	18.75	56 1/2	21.83	73	24.67	89 1/2	27.62
7 1/2	10.53	24	15.17	40 1/2	18.85	57	21.92	73 1/2	24.75	90	27.72
8	10.69	24 1/2	15.30	41	18.95	57 1/2	22.01	74	24.84	90 1/2	27.81
8 1/2	10.84	25	15.42	41 1/2	19.05	58	22.09	74 1/2	24.93	91	27.91
9	11.00	25 1/2	15.54	42	19.15	58 1/2	22.18	75	25.01	91 1/2	28.01
9 1/2	11.15	26	15.66	42 1/2	19.24	59	22.27	75 1/2	25.10	92	28.10
10	11.31	26 1/2	15.78	43	19.34	59 1/2	22.35	76	25.18	92 1/2	28.20
10 1/2	11.46	27	15.90	43 1/2	19.44	60	22.44	76 1/2	25.27	93	28.30
11	11.61	27 1/2	16.02	44	19.54	60 1/2	22.53	77	25.36	93 1/2	28.40
11 1/2	11.76	28	16.14	44 1/2	19.63	61	22.61	77 1/2	25.45	94	28.50
12	11.91	28 1/2	16.25	45	19.73	61 1/2	22.70	78	25.53	94 1/2	28.60
12 1/2	12.06	29	16.37	45 1/2	19.82	62	22.79	78 1/2	25.62	95	28.70
13	12.21	29 1/2	16.49	46	19.92	62 1/2	22.87	79	25.71	95 1/2	28.80
13 1/2	12.35	30	16.60	46 1/2	20.01	63	22.96	79 1/2	25.80	96	28.90
14	12.50	30 1/2	16.71	47	20.11	63 1/2	23.04	80	25.89	96 1/2	29.00
14 1/2	12.64	31	16.83	47 1/2	20.20	64	23.13	80 1/2	25.97	97	29.10
15	12.78	31 1/2	16.94	48	20.30	64 1/2	23.21	81	26.06	97 1/2	29.21
15 1/2	12.92	32	17.05	48 1/2	20.39	65	23.30	81 1/2	26.15	98	29.31
16	13.06	32 1/2	17.16	49	20.48	65 1/2	23.38	82	26.24	98 1/2	29.42
16 1/2	13.20	33	17.27	49 1/2	20.57	66	23.47	82 1/2	26.33	99	29.52
17	13.34	33 1/2	17.38	50	20.67	66 1/2	23.56	83	26.42	99 1/2	29.63
										100	29.73

TEMPERATURE CORRECTION

READINGS IN ITALICS ARE EXTRAPOLATED

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	1.55	45	1.10	58	0.65	71	0.21	84	-0.24	97	-0.69
33	1.52	46	1.07	59	0.62	72	0.17	85	-0.28	98	-0.72
34	1.48	47	1.03	60	0.59	73	0.14	86	-0.31	99	-0.76
35	1.45	48	1.00	61	0.55	74	0.10	87	-0.34	100	-0.79
36	1.41	49	0.96	62	0.52	75	0.07	88	-0.38	101	-0.83
37	1.38	50	0.93	63	0.48	76	0.03	89	-0.41	102	-0.86
38	1.34	51	0.90	64	0.45	77	0.00	90	-0.45	103	-0.90
39	1.31	52	0.86	65	0.41	78	-0.03	91	-0.48	104	-0.93
40	1.27	53	0.83	66	0.38	79	-0.07	92	-0.52	105	-0.96
41	1.24	54	0.79	67	0.34	80	-0.10	93	-0.55	106	-1.00
42	1.21	55	0.76	68	0.31	81	-0.14	94	-0.59	107	-1.03
43	1.17	56	0.72	69	0.28	82	-0.17	95	-0.62	108	-1.07
44	1.14	57	0.69	70	0.24	83	-0.21	96	-0.65	109	-1.10

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-1-04
Effective April 06, 2004