

MODEL 919 MOISTURE METER CHART

Sample Size **150 GRAMS** Calibrate at **53** CORN, HIGH MOIST. ABOVE 30%
 30 - 42% MOISTURE

$$\% \text{ MOISTURE} = 22.6821 + (0.3294 * MR) - (0.000017092 * MR^2) - (0.024024 * T)$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0		17		34	32.01	51	37.59	68	43.15	85	
1/2		17 1/2		34 1/2	32.18	51 1/2	37.75	68 1/2	43.32	85 1/2	
1		18		35	32.34	52	37.91	69	43.48	86	
1 1/2		18 1/2		35 1/2	32.50	52 1/2	38.08	69 1/2	43.64	86 1/2	
2		19		36	32.67	53	38.24	70	43.81	87	
2 1/2		19 1/2		36 1/2	32.83	53 1/2	38.41	70 1/2	43.97	87 1/2	
3		20		37	33.00	54	38.57	71	44.13	88	
3 1/2		20 1/2		37 1/2	33.16	54 1/2	38.73	71 1/2	44.30	88 1/2	
4		21		38	33.32	55	38.90	72	44.46	89	
4 1/2		21 1/2		38 1/2	33.49	55 1/2	39.06	72 1/2	44.62	89 1/2	
5		22		39	33.65	56	39.23	73	44.79	90	
5 1/2		22 1/2		39 1/2	33.82	56 1/2	39.39	73 1/2	44.95	90 1/2	
6		23		40	33.98	57	39.55	74	45.11	91	
6 1/2		23 1/2		40 1/2	34.14	57 1/2	39.72	74 1/2	45.28	91 1/2	
7		24		41	34.31	58	39.88	75	45.44	92	
7 1/2		24 1/2		41 1/2	34.47	58 1/2	40.04	75 1/2		92 1/2	
8		25	29.06	42	34.64	59	40.21	76		93	
8 1/2		25 1/2	29.22	42 1/2	34.80	59 1/2	40.37	76 1/2		93 1/2	
9		26	29.39	43	34.96	60	40.53	77		94	
9 1/2		26 1/2	29.55	43 1/2	35.13	60 1/2	40.70	77 1/2		94 1/2	
10		27	29.71	44	35.29	61	40.86	78		95	
10 1/2		27 1/2	29.88	44 1/2	35.46	61 1/2	41.03	78 1/2		95 1/2	
11		28	30.04	45	35.62	62	41.19	79		96	
11 1/2		28 1/2	30.21	45 1/2	35.78	62 1/2	41.35	79 1/2		96 1/2	
12		29	30.37	46	35.95	63	41.52	80		97	
12 1/2		29 1/2	30.53	46 1/2	36.11	63 1/2	41.68	80 1/2		97 1/2	
13		30	30.70	47	36.28	64	41.84	81		98	
13 1/2		30 1/2	30.86	47 1/2	36.44	64 1/2	42.01	81 1/2		98 1/2	
14		31	31.03	48	36.60	65	42.17	82		99	
14 1/2		31 1/2	31.19	48 1/2	36.77	65 1/2	42.33	82 1/2		99 1/2	
15		32	31.36	49	36.93	66	42.50	83		100	
15 1/2		32 1/2	31.52	49 1/2	37.10	66 1/2	42.66	83 1/2			
16		33	31.68	50	37.26	67	42.83	84			
16 1/2		33 1/2	31.85	50 1/2	37.42	67 1/2	42.99	84 1/2			

TEMPERATURE CORRECTION

Readings in italics are extrapolated

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	1.08	45	0.77	58	0.46	71	0.14	84	-0.17	97	-0.48
33	1.06	46	0.74	59	0.43	72	0.12	85	-0.19	98	-0.50
34	1.03	47	0.72	60	0.41	73	0.10	86	-0.22	99	-0.53
35	1.01	48	0.70	61	0.38	74	0.07	87	-0.24	100	-0.55
36	0.98	49	0.67	62	0.36	75	0.05	88	-0.26	101	-0.58
37	0.96	50	0.65	63	0.34	76	0.02	89	-0.29	102	-0.60
38	0.94	51	0.62	64	0.31	77	0.00	90	-0.31	103	-0.62
39	0.91	52	0.60	65	0.29	78	-0.02	91	-0.34	104	-0.65
40	0.89	53	0.58	66	0.26	79	-0.05	92	-0.36	105	-0.67
41	0.86	54	0.55	67	0.24	80	-0.07	93	-0.38	106	-0.70
42	0.84	55	0.53	68	0.22	81	-0.10	94	-0.41	107	-0.72
43	0.82	56	0.50	69	0.19	82	-0.12	95	-0.43	108	-0.74
44	0.79	57	0.48	70	0.17	83	-0.14	96	-0.46	109	-0.77

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 C-13-04
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