MODEL 919 MOISTURE METER CHART

Sample Size **250** GRAMS Calibrate at **53** GRAIN SORGHUMS (MILO)
8 - 23% Moisture

% MOISTURE = 10.0357 + (0.055346*MR) + (0.003123*MR^2) - (0.0000203*MR^3)- (0.04556*T)

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0		17	8.27	34	11.22	51	14.78	68	18.35	85	21.33
1/2		17 1/2	8.34	34 1/2	11.32	51 1/2	14.89	68 1/2	18.45	85 1/2	21.40
1		18	8.42	35	11.42	52	15.00	69	18.55	86	21.47
1 1/2		18 1/2	8.49	35 1/2	11.52	52 1/2	15.10	69 1/2	18.64	86 1/2	21.54
2		19	8.57	36	11.62	53	15.21	70	18.74	87	21.61
2 1/2		19 1/2	8.64	36 1/2	11.72	53 1/2	15.32	70 1/2	18.84	87 1/2	21.68
3		20	8.72	37	11.82	54	15.43	71	18.93	88	21.75
3 1/2		20 1/2	8.80	37 1/2	11.92	54 1/2	15.53	71 1/2	19.03	88 1/2	21.81
4		21	8.88	38	12.03	55	15.64	72	19.13	89	21.88
4 1/2		21 1/2	8.96	38 1/2	12.13	55 1/2	15.75	72 1/2	19.22	89 1/2	21.94
5		22	9.04	39	12.23	56	15.86	73	19.31	90	22.01
5 1/2		22 1/2	9.12	39 1/2	12.34	56 1/2	15.96	73 1/2	19.41	90 1/2	22.07
6		23	9.21	40	12.44	57	16.07	74	19.50	91	22.13
6 1/2		23 1/2	9.29	40 1/2	12.54	57 1/2	16.18	74 1/2	19.59	91 1/2	22.19
7		24	9.37	41	12.65	58	16.28	75	19.68	92	22.25
7 1/2		24 1/2	9.46	41 1/2	12.75	58 1/2	16.39	75 1/2	19.77	92 1/2	22.30
8		25	9.55	42	12.86	59	16.49	76	19.86	93	22.36
8 1/2		25 1/2	9.63	42 1/2	12.96	59 1/2	16.60	76 1/2	19.95	93 1/2	22.41
9		26	9.72	43	13.07	60	16.71	77	20.04	94	22.46
9 1/2		26 1/2	9.81	43 1/2	13.17	60 1/2	16.81	77 1/2	20.13	94 1/2	22.52
10		27	9.90	44	13.28	61	16.92	78	20.21	95	22.57
10 1/2		27 1/2	9.99	44 1/2	13.39	61 1/2	17.02	78 1/2	20.30	95 1/2	22.61
11		28	10.08	45	13.49	62	17.13	79	20.38	96	22.66
11 1/2		28 1/2	10.17	45 1/2	13.60	62 1/2	17.23	79 1/2	20.47	96 1/2	22.71
12		29	10.26	46	13.71	63	17.33	80	20.55	97	22.75
12 1/2		29 1/2	10.36	46 1/2	13.81	63 1/2	17.44	80 1/2	20.63	97 1/2	22.80
13		30	10.45	47	13.92	64	17.54	81	20.71	98	22.84
13 1/2		30 1/2	10.54	47 1/2	14.03	64 1/2	17.64	81 1/2	20.79	98 1/2	22.88
14		31	10.64	48	14.13	65	17.74	82	20.87	99	22.92
14 1/2		31 1/2	10.74	48 1/2	14.24	65 1/2	17.85	82 1/2	20.95	99 1/2	22.96
15		32	10.83	49	14.35	66	17.95	83	21.03	100	22.99
15 1/2	8.06	32 1/2	10.93	49 1/2	14.46	66 1/2	18.05	83 1/2	21.10		
16	8.13	33	11.03	50	14.56	67	18.15	84	21.18		
16 1/2	8.20	33 1/2	11.12	50 1/2	14.67	67 1/2	18.25	84 1/2	21.26		

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.05	45	1.46	58	0.87	71	0.27	84	-0.32	97	-0.91
33	2.01	46	1.41	59	0.82	72	0.23	85	-0.36	98	-0.96
34	1.96	47	1.37	60	0.77	73	0.18	86	-0.41	99	-1.00
35	1.91	48	1.32	61	0.73	74	0.14	87	-0.46	100	-1.05
36	1.87	49	1.28	62	0.68	75	0.09	88	-0.50	101	-1.09
37	1.82	50	1.23	63	0.64	76	0.05	89	-0.55	102	-1.14
38	1.78	51	1.19	64	0.59	77	0.00	90	-0.59	103	-1.19
39	1.73	52	1.14	65	0.55	78	-0.05	91	-0.64	104	-1.23
40	1.69	53	1.09	66	0.50	79	-0.09	92	-0.68	105	-1.28
41	1.64	54	1.05	67	0.46	80	-0.14	93	-0.73	106	-1.32
42	1.60	55	1.00	68	0.41	81	-0.18	94	-0.77	107	-1.37
43	1.55	56	0.96	69	0.36	82	-0.23	95	-0.82	108	-1.41
44	1.50	57	0.91	70	0.32	83	-0.27	96	-0.87	109	-1.46

For information about this chart, contact Shore Sales Co.
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CHART G-1-04
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