

MODEL 919 MOISTURE METER CHART

Sample Size **250 GRAMS** Calibrate at **53** **SOYBEANS**

6.4 - 20% MOISTURE

$$\% \text{ MOISTURE} = 10.6924 + (0.21875 * \text{MR}) - (0.0020737 * \text{MR}^2) + (0.0000126 * \text{MR}^3) - (0.055581 * T)$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0	6.41	17	9.59	34	11.95	51	13.85	68	15.66	85	17.76
1/2	6.52	17 1/2	9.67	34 1/2	12.01	51 1/2	13.90	68 1/2	15.72	85 1/2	17.83
1	6.63	18	9.75	35	12.07	52	13.95	69	15.77	86	17.90
1 1/2	6.74	18 1/2	9.83	35 1/2	12.13	52 1/2	14.00	69 1/2	15.83	86 1/2	17.97
2	6.84	19	9.91	36	12.19	53	14.06	70	15.89	87	18.05
2 1/2	6.95	19 1/2	9.98	36 1/2	12.25	53 1/2	14.11	70 1/2	15.94	87 1/2	18.12
3	7.05	20	10.06	37	12.31	54	14.16	71	16.00	88	18.19
3 1/2	7.15	20 1/2	10.13	37 1/2	12.36	54 1/2	14.21	71 1/2	16.06	88 1/2	18.26
4	7.26	21	10.21	38	12.42	55	14.27	72	16.12	89	18.34
4 1/2	7.36	21 1/2	10.28	38 1/2	12.48	55 1/2	14.32	72 1/2	16.17	89 1/2	18.41
5	7.46	22	10.36	39	12.54	56	14.37	73	16.23	90	18.49
5 1/2	7.56	22 1/2	10.43	39 1/2	12.59	56 1/2	14.42	73 1/2	16.29	90 1/2	18.56
6	7.65	23	10.50	40	12.65	57	14.48	74	16.35	91	18.64
6 1/2	7.75	23 1/2	10.57	40 1/2	12.71	57 1/2	14.53	74 1/2	16.41	91 1/2	18.72
7	7.85	24	10.64	41	12.76	58	14.58	75	16.47	92	18.80
7 1/2	7.94	24 1/2	10.71	41 1/2	12.82	58 1/2	14.64	75 1/2	16.53	92 1/2	18.88
8	8.04	25	10.78	42	12.88	59	14.69	76	16.59	93	18.96
8 1/2	8.13	25 1/2	10.85	42 1/2	12.93	59 1/2	14.74	76 1/2	16.65	93 1/2	19.04
9	8.22	26	10.92	43	12.99	60	14.79	77	16.71	94	19.12
9 1/2	8.31	26 1/2	10.99	43 1/2	13.04	60 1/2	14.85	77 1/2	16.78	94 1/2	19.20
10	8.41	27	11.06	44	13.10	61	14.90	78	16.84	95	19.28
10 1/2	8.50	27 1/2	11.12	44 1/2	13.15	61 1/2	14.95	78 1/2	16.90	95 1/2	19.37
11	8.58	28	11.19	45	13.21	62	15.01	79	16.96	96	19.45
11 1/2	8.67	28 1/2	11.25	45 1/2	13.26	62 1/2	15.06	79 1/2	17.03	96 1/2	19.53
12	8.76	29	11.32	46	13.31	63	15.11	80	17.09	97	19.62
12 1/2	8.85	29 1/2	11.38	46 1/2	13.37	63 1/2	15.17	80 1/2	17.16	97 1/2	19.71
13	8.93	30	11.45	47	13.42	64	15.22	81	17.22	98	19.79
13 1/2	9.02	30 1/2	11.51	47 1/2	13.47	64 1/2	15.28	81 1/2	17.29	98 1/2	19.88
14	9.10	31	11.58	48	13.53	65	15.33	82	17.35	99	19.97
14 1/2	9.19	31 1/2	11.64	48 1/2	13.58	65 1/2	15.38	82 1/2	17.42	99 1/2	20.06
15	9.27	32	11.70	49	13.63	66	15.44	83	17.49	100	20.15
15 1/2	9.35	32 1/2	11.76	49 1/2	13.69	66 1/2	15.49	83 1/2	17.56		
16	9.43	33	11.83	50	13.74	67	15.55	84	17.62		
16 1/2	9.51	33 1/2	11.89	50 1/2	13.79	67 1/2	15.61	84 1/2	17.69		

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.50	45	1.78	58	1.06	71	0.33	84	-0.39	97	-1.11
33	2.45	46	1.72	59	1.00	72	0.28	85	-0.44	98	-1.17
34	2.39	47	1.67	60	0.94	73	0.22	86	-0.50	99	-1.22
35	2.33	48	1.61	61	0.89	74	0.17	87	-0.56	100	-1.28
36	2.28	49	1.56	62	0.83	75	0.11	88	-0.61	101	-1.33
37	2.22	50	1.50	63	0.78	76	0.06	89	-0.67	102	-1.39
38	2.17	51	1.45	64	0.72	77	0.00	90	-0.72	103	-1.45
39	2.11	52	1.39	65	0.67	78	-0.06	91	-0.78	104	-1.50
40	2.06	53	1.33	66	0.61	79	-0.11	92	-0.83	105	-1.56
41	2.00	54	1.28	67	0.56	80	-0.17	93	-0.89	106	-1.61
42	1.95	55	1.22	68	0.50	81	-0.22	94	-0.94	107	-1.67
43	1.89	56	1.17	69	0.44	82	-0.28	95	-1.00	108	-1.72
44	1.83	57	1.11	70	0.39	83	-0.33	96	-1.06	109	-1.78

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