

Soybeans Low Moisture

MOTOMCO 919 MOISTURE METER CHART

SOYBEANS LOW MOISTURE

Sample Size **250** Grams Calibrate at **63**
% MOISTURE = 11.208537 + (0.11561 * MR) + (0.055581 * T)

7% to 9.2% Moisture

METER READING & PERCENT MOISTURE							
1	7.04	18	9.01	35	52	69	86
1 1/2	7.10	18 1/2	9.07	35 1/2	52 1/2	69 1/2	86 1/2
2	7.16	19	9.13	36	53	70	87
2 1/2	7.22	19 1/2	9.18	36 1/2	53 1/2	70 1/2	87 1/2
3	7.28	20	9.24	37	54	71	88
3 1/2	7.33	20 1/2		37 1/2	54 1/2	71 1/2	88 1/2
4	7.39	21		38	55	72	89
4 1/2	7.45	21 1/2		38 1/2	55 1/2	72 1/2	89 1/2
5	7.51	22		39	56	73	90
5 1/2	7.56	22 1/2		39 1/2	56 1/2	73 1/2	90 1/2
6	7.62	23		40	57	74	91
6 1/2	7.68	23 1/2		40 1/2	57 1/2	74 1/2	91 1/2
7	7.74	24		41	58	75	92
7 1/2	7.80	24 1/2		41 1/2	58 1/2	75 1/2	92 1/2
8	7.85	25		42	59	76	93
8 1/2	7.91	25 1/2		42 1/2	59 1/2	76 1/2	93 1/2
9	7.97	26		43	60	77	94
9 1/2	8.03	26 1/2		43 1/2	60 1/2	77 1/2	94 1/2
10	8.08	27		44	61	78	95
10 1/2	8.14	27 1/2		44 1/2	61 1/2	78 1/2	95 1/2
11	8.20	28		45	62	79	96
11 1/2	8.26	28 1/2		45 1/2	62 1/2	79 1/2	96 1/2
12	8.32	29		46	63	80	97
12 1/2	8.37	29 1/2		46 1/2	63 1/2	80 1/2	97 1/2
13	8.43	30		47	64	81	98
13 1/2	8.49	30 1/2		47 1/2	64 1/2	81 1/2	98 1/2
14	8.55	31		48	65	82	99
14 1/2	8.61	31 1/2		48 1/2	65 1/2	82 1/2	99 1/2
15	8.66	32		49	66	83	
15 1/2	8.72	32 1/2		49 1/2	66 1/2	83 1/2	
16	8.78	33		50	67	84	
16 1/2	8.84	33 1/2		50 1/2	67 1/2	84 1/2	
17	8.89	34		51	68	85	
17 1/2	8.95	34 1/2		51 1/2	68 1/2	85 1/2	

* indicates extrapolated value

Temperature Correction (°F)

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40	2.06	50	1.50	60	0.94	70	0.39	80	-0.17	90	-0.72
41	2.00	51	1.45	61	0.89	71	0.33	81	-0.22	91	-0.78
42	1.95	52	1.39	62	0.83	72	0.28	82	-0.28	92	-0.83
43	1.89	53	1.33	63	0.78	73	0.22	83	-0.33	93	-0.89
44	1.83	54	1.28	64	0.72	74	0.17	84	-0.39	94	-0.94
45	1.78	55	1.22	65	0.67	75	0.11	85	-0.44	95	-1.00
46	1.72	56	1.17	66	0.61	76	0.06	86	-0.50	96	-1.06
47	1.67	57	1.11	67	0.56	77	0.00	87	-0.56	97	-1.11
48	1.61	58	1.06	68	0.50	78	-0.06	88	-0.61	98	-1.17
49	1.56	59	1.00	69	0.44	79	-0.11	89	-0.67	99	-1.22

TENTATIVE**Chart S-4-63**

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