

MODEL 919 MOISTURE METER CHART

Sample Size **150 GRAMS** Calibrate at **73** Sunflower Seed, Oil Variety
6.5 - 17.5% Moisture

$$\% \text{ MOISTURE} = 8.8256 + (0.18879 * \text{MR}) - (0.0011224 * \text{MR}^2) + (3.36\text{E-}06 * \text{MR}^3) - (0.029759 * \text{T})$$

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0	6.53	17	9.44	34	11.79	51	13.69	68	15.24	85	16.54
1/2	6.63	17 1/2	9.51	34 1/2	11.85	51 1/2	13.74	68 1/2	15.28	85 1/2	16.57
1	6.72	18	9.59	35	11.91	52	13.79	69	15.32	86	16.61
1 1/2	6.81	18 1/2	9.66	35 1/2	11.97	52 1/2	13.84	69 1/2	15.36	86 1/2	16.64
2	6.91	19	9.74	36	12.03	53	13.89	70	15.40	87	16.68
2 1/2	7.00	19 1/2	9.81	36 1/2	12.09	53 1/2	13.94	70 1/2	15.44	87 1/2	16.71
3	7.09	20	9.89	37	12.15	54	13.98	71	15.48	88	16.75
3 1/2	7.18	20 1/2	9.96	37 1/2	12.21	54 1/2	14.03	71 1/2	15.52	88 1/2	16.78
4	7.27	21	10.03	38	12.27	55	14.08	72	15.56	89	16.81
4 1/2	7.36	21 1/2	10.11	38 1/2	12.33	55 1/2	14.13	72 1/2	15.60	89 1/2	16.85
5	7.45	22	10.18	39	12.39	56	14.18	73	15.64	90	16.88
5 1/2	7.54	22 1/2	10.25	39 1/2	12.45	56 1/2	14.22	73 1/2	15.68	90 1/2	16.92
6	7.63	23	10.32	40	12.50	57	14.27	74	15.72	91	16.95
6 1/2	7.71	23 1/2	10.39	40 1/2	12.56	57 1/2	14.32	74 1/2	15.76	91 1/2	16.99
7	7.80	24	10.47	41	12.62	58	14.36	75	15.80	92	17.02
7 1/2	7.89	24 1/2	10.54	41 1/2	12.68	58 1/2	14.41	75 1/2	15.84	92 1/2	17.05
8	7.97	25	10.60	42	12.73	59	14.46	76	15.87	93	17.09
8 1/2	8.06	25 1/2	10.67	42 1/2	12.79	59 1/2	14.50	76 1/2	15.91	93 1/2	17.12
9	8.14	26	10.74	43	12.84	60	14.55	77	15.95	94	17.15
9 1/2	8.23	26 1/2	10.81	43 1/2	12.90	60 1/2	14.59	77 1/2	15.99	94 1/2	17.19
10	8.31	27	10.88	44	12.95	61	14.64	78	16.03	95	17.22
10 1/2	8.40	27 1/2	10.95	44 1/2	13.01	61 1/2	14.68	78 1/2	16.06	95 1/2	17.25
11	8.48	28	11.01	45	13.06	62	14.73	79	16.10	96	17.29
11 1/2	8.56	28 1/2	11.08	45 1/2	13.12	62 1/2	14.77	79 1/2	16.14	96 1/2	17.32
12	8.64	29	11.15	46	13.17	63	14.81	80	16.17	97	17.35
12 1/2	8.73	29 1/2	11.21	46 1/2	13.22	63 1/2	14.86	80 1/2	16.21	97 1/2	17.39
13	8.81	30	11.28	47	13.28	64	14.90	81	16.25	98	17.42
13 1/2	8.89	30 1/2	11.34	47 1/2	13.33	64 1/2	14.94	81 1/2	16.28	98 1/2	17.45
14	8.97	31	11.41	48	13.38	65	14.99	82	16.32	99	17.48
14 1/2	9.05	31 1/2	11.47	48 1/2	13.43	65 1/2	15.03	82 1/2	16.36	99 1/2	17.52
15	9.12	32	11.54	49	13.49	66	15.07	83	16.39	100	17.55
15 1/2	9.20	32 1/2	11.60	49 1/2	13.54	66 1/2	15.11	83 1/2	16.43		
16	9.28	33	11.66	50	13.59	67	15.16	84	16.46		
16 1/2	9.36	33 1/2	11.73	50 1/2	13.64	67 1/2	15.20	84 1/2	16.50		

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	1.34	45	0.95	58	0.57	71	0.18	84	-0.21	97	-0.60
33	1.31	46	0.92	59	0.54	72	0.15	85	-0.24	98	-0.62
34	1.28	47	0.89	60	0.51	73	0.12	86	-0.27	99	-0.65
35	1.25	48	0.86	61	0.48	74	0.09	87	-0.30	100	-0.68
36	1.22	49	0.83	62	0.45	75	0.06	88	-0.33	101	-0.71
37	1.19	50	0.80	63	0.42	76	0.03	89	-0.36	102	-0.74
38	1.16	51	0.77	64	0.39	77	0.00	90	-0.39	103	-0.77
39	1.13	52	0.74	65	0.36	78	-0.03	91	-0.42	104	-0.80
40	1.10	53	0.71	66	0.33	79	-0.06	92	-0.45	105	-0.83
41	1.07	54	0.68	67	0.30	80	-0.09	93	-0.48	106	-0.86
42	1.04	55	0.65	68	0.27	81	-0.12	94	-0.51	107	-0.89
43	1.01	56	0.62	69	0.24	82	-0.15	95	-0.54	108	-0.92
44	0.98	57	0.60	70	0.21	83	-0.18	96	-0.57	109	-0.95

For information about this chart, contact Shore Sales Co.
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