

MODEL 919 MOISTURE METER CHART

Sample Size **250 GRAMS** Calibrate at **53** DURUM WHEAT
 6 - 23.7% Moisture
 % MOISTURE = 8.1279 + (0.23027*MR) - (0.0007526*MR^2) + (4.02E-6*MR^3) - (0.050476*T)

METER READING & PERCENT MOISTURE

MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.	MR	MOIST.
0		17	7.96	34	11.36	51	14.56	68	17.68	85	20.85
1/2		17 1/2	8.06	34 1/2	11.45	51 1/2	14.65	68 1/2	17.78	85 1/2	20.94
1		18	8.17	35	11.55	52	14.75	69	17.87	86	21.04
1 1/2		18 1/2	8.27	35 1/2	11.65	52 1/2	14.84	69 1/2	17.96	86 1/2	21.13
2		19	8.37	36	11.74	53	14.93	70	18.05	87	21.23
2 1/2		19 1/2	8.48	36 1/2	11.84	53 1/2	15.02	70 1/2	18.14	87 1/2	21.32
3		20	8.58	37	11.93	54	15.11	71	18.24	88	21.42
3 1/2		20 1/2	8.68	37 1/2	12.03	54 1/2	15.21	71 1/2	18.33	88 1/2	21.51
4		21	8.78	38	12.13	55	15.30	72	18.42	89	21.61
4 1/2		21 1/2	8.88	38 1/2	12.22	55 1/2	15.39	72 1/2	18.51	89 1/2	21.70
5		22	8.99	39	12.32	56	15.48	73	18.60	90	21.80
5 1/2		22 1/2	9.09	39 1/2	12.41	56 1/2	15.57	73 1/2	18.70	90 1/2	21.90
6		23	9.19	40	12.51	57	15.67	74	18.79	91	21.99
6 1/2		23 1/2	9.29	40 1/2	12.60	57 1/2	15.76	74 1/2	18.88	91 1/2	22.09
7		24	9.39	41	12.69	58	15.85	75	18.97	92	22.19
7 1/2		24 1/2	9.49	41 1/2	12.79	58 1/2	15.94	75 1/2	19.07	92 1/2	22.28
8	6.04	25	9.59	42	12.88	59	16.03	76	19.16	93	22.38
8 1/2	6.15	25 1/2	9.69	42 1/2	12.98	59 1/2	16.12	76 1/2	19.25	93 1/2	22.48
9	6.26	26	9.79	43	13.07	60	16.22	77	19.35	94	22.58
9 1/2	6.36	26 1/2	9.89	43 1/2	13.16	60 1/2	16.31	77 1/2	19.44	94 1/2	22.67
10	6.47	27	9.99	44	13.26	61	16.40	78	19.53	95	22.77
10 1/2	6.58	27 1/2	10.09	44 1/2	13.35	61 1/2	16.49	78 1/2	19.62	95 1/2	22.87
11	6.69	28	10.19	45	13.45	62	16.58	79	19.72	96	22.97
11 1/2	6.80	28 1/2	10.29	45 1/2	13.54	62 1/2	16.67	79 1/2	19.81	96 1/2	23.07
12	6.90	29	10.38	46	13.63	63	16.77	80	19.90	97	23.17
12 1/2	7.01	29 1/2	10.48	46 1/2	13.73	63 1/2	16.86	80 1/2	20.00	97 1/2	23.26
13	7.12	30	10.58	47	13.82	64	16.95	81	20.09	98	23.36
13 1/2	7.22	30 1/2	10.68	47 1/2	13.91	64 1/2	17.04	81 1/2	20.19	98 1/2	23.46
14	7.33	31	10.78	48	14.00	65	17.13	82	20.28	99	23.56
14 1/2	7.43	31 1/2	10.87	48 1/2	14.10	65 1/2	17.22	82 1/2	20.37	99 1/2	23.66
15	7.54	32	10.97	49	14.19	66	17.32	83	20.47	100	23.76
15 1/2	7.64	32 1/2	11.07	49 1/2	14.28	66 1/2	17.41	83 1/2	20.56	100 1/2	
16	7.75	33	11.17	50	14.38	67	17.50	84	20.66	101	
16 1/2	7.85	33 1/2	11.26	50 1/2	14.47	67 1/2	17.59	84 1/2	20.75		

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
32	2.27	45	1.62	58	0.96	71	0.30	84	-0.35	97	-1.01
33	2.22	46	1.56	59	0.91	72	0.25	85	-0.40	98	-1.06
34	2.17	47	1.51	60	0.86	73	0.20	86	-0.45	99	-1.11
35	2.12	48	1.46	61	0.81	74	0.15	87	-0.50	100	-1.16
36	2.07	49	1.41	62	0.76	75	0.10	88	-0.56	101	-1.21
37	2.02	50	1.36	63	0.71	76	0.05	89	-0.61	102	-1.26
38	1.97	51	1.31	64	0.66	77	0.00	90	-0.66	103	-1.31
39	1.92	52	1.26	65	0.61	78	-0.05	91	-0.71	104	-1.36
40	1.87	53	1.21	66	0.56	79	-0.10	92	-0.76	105	-1.41
41	1.82	54	1.16	67	0.50	80	-0.15	93	-0.81	106	-1.46
42	1.77	55	1.11	68	0.45	81	-0.20	94	-0.86	107	-1.51
43	1.72	56	1.06	69	0.40	82	-0.25	95	-0.91	108	-1.56
44	1.67	57	1.01	70	0.35	83	-0.30	96	-0.96	109	-1.62