

MODEL 919 MOISTURE METER CHART

Sample Size: 250 GRAMS

Calibrate at: 53

CORN LOW MOIST

8-21% Moisture

$$\% \text{ MOISTURE} = 5.2979 + (0.35549 \cdot \text{MR}) - (0.002865 \cdot \text{MR}^2) + (0.0000181 \cdot \text{MR}^3) - (0.049161 \cdot \text{T})$$

METER READING & PERCENT MOISTURE

1	18		35	11.22	52	14.80	69	18.35	86
1 1/2	18 1/2		35 1/2	11.33	52 1/2	14.90	69 1/2	18.46	86 1/2
2	19		36	11.44	53	15.00	70	18.57	87
2 1/2	19 1/2		36 1/2	11.55	53 1/2	15.10	70 1/2	18.68	87 1/2
3	20		37	11.66	54	15.20	71	18.79	88
3 1/2	20 1/2		37 1/2	11.77	54 1/2	15.31	71 1/2	18.90	88 1/2
4	21		38	11.88	55	15.41	72	19.01	89
4 1/2	21 1/2	8.01	38 1/2	11.99	55 1/2	15.51	72 1/2	19.12	89 1/2
5	22	8.14	39	12.09	56	15.61	73	19.24	90
5 1/2	22 1/2	8.27	39 1/2	12.20	56 1/2	15.72	73 1/2	19.35	90 1/2
6	23	8.39	40	12.31	57	15.82	74	19.46	91
6 1/2	23 1/2	8.52	40 1/2	12.41	57 1/2	15.92	74 1/2	19.58	91 1/2
7	24	8.64	41	12.52	58	16.02	75	19.69	92
7 1/2	24 1/2	8.77	41 1/2	12.62	58 1/2	16.13	75 1/2	19.81	92 1/2
8	25	8.89	42	12.73	59	16.23	76	19.93	93
8 1/2	25 1/2	9.01	42 1/2	12.84	59 1/2	16.33	76 1/2	20.04	93 1/2
9	26	9.14	43	12.94	60	16.44	77	20.16	94
9 1/2	26 1/2	9.26	43 1/2	13.04	60 1/2	16.54	77 1/2	20.28	94 1/2
10	27	9.38	44	13.15	61	16.65	78	20.40	95
10 1/2	27 1/2	9.50	44 1/2	13.25	61 1/2	16.75	78 1/2	20.52	95 1/2
11	28	9.62	45	13.36	62	16.85	79	20.64	96
11 1/2	28 1/2	9.74	45 1/2	13.46	62 1/2	16.96	79 1/2	20.76	96 1/2
12	29	9.85	46	13.56	63	17.06	80	20.88	97
12 1/2	29 1/2	9.97	46 1/2	13.67	63 1/2	17.17	80 1/2	21.01	97 1/2
13	30	10.09	47	13.77	64	17.27	81		98
13 1/2	30 1/2	10.20	47 1/2	13.87	64 1/2	17.38	81 1/2		98 1/2
14	31	10.32	48	13.98	65	17.49	82		99
14 1/2	31 1/2	10.43	48 1/2	14.08	65 1/2	17.59	82 1/2		99 1/2
15	32	10.55	49	14.18	66	17.70	83		100
15 1/2	32 1/2	10.66	49 1/2	14.28	66 1/2	17.81	83 1/2		
16	33	10.77	50	14.39	67	17.91	84		
16 1/2	33 1/2	10.89	50 1/2	14.49	67 1/2	18.02	84 1/2		
17	34	11.00	51	14.59	68	18.13	85		
17 1/2	34 1/2	11.11	51 1/2	14.69	68 1/2	18.24	85 1/2		

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
28		41	1.77	54	1.13	67	0.49	80	-0.15
29		42	1.72	55	1.08	68	0.44	81	-0.20
30		43	1.67	56	1.03	69	0.39	82	-0.25
31		44	1.62	57	0.98	70	0.34	83	-0.29
32		45	1.57	58	0.93	71	0.29	84	-0.34
33		46	1.52	59	0.88	72	0.25	85	-0.39
34		47	1.47	60	0.84	73	0.20	86	-0.44
35		48	1.43	61	0.79	74	0.15	87	-0.49
36		49	1.38	62	0.74	75	0.10	88	-0.54
37		50	1.33	63	0.69	76	0.05	89	-0.59
38		51	1.28	64	0.64	77	0.00	90	-0.64
39		52	1.23	65	0.59	78	-0.05	91	-0.69
40	1.82	53	1.18	66	0.54	79	-0.10	92	-0.74
								93	-0.79
								94	-0.84
								95	-0.88
								96	-0.93
								97	-0.98
								98	-1.03
								99	-1.08
								100	
								101	
								102	
								103	
								104	
								105	

Chart C-1-05

Printed by Seedbuero Equipment Company
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Effective May 4, 2005