

MODEL 919 MOISTURE METER CHART

Sample Size: 250 GRAMS

Calibrate at: 33

CORN MEDIUM MOIST

21-29% Moisture

% MOISTURE = $11.76239 + (0.245471 \cdot MR) - (0 \cdot MR^2) + (0 \cdot MR^3) - (0.070287 \cdot T)$

METER READING & PERCENT MOISTURE

1	18	35	52	69	23.29	86	27.46
1 1/2	18 1/2	35 1/2	52 1/2	69 1/2	23.41	86 1/2	27.58
2	19	36	53	70	23.53	87	27.71
2 1/2	19 1/2	36 1/2	53 1/2	70 1/2	23.66	87 1/2	27.83
3	20	37	54	71	23.78	88	27.95
3 1/2	20 1/2	37 1/2	54 1/2	71 1/2	23.90	88 1/2	28.07
4	21	38	55	72	24.02	89	28.20
4 1/2	21 1/2	38 1/2	55 1/2	72 1/2	24.15	89 1/2	28.32
5	22	39	56	73	24.27	90	28.44
5 1/2	22 1/2	39 1/2	56 1/2	73 1/2	24.39	90 1/2	28.57
6	23	40	57	74	24.52	91	28.69
6 1/2	23 1/2	40 1/2	57 1/2	74 1/2	24.64	91 1/2	28.81
7	24	41	58	75	24.76	92	28.93
7 1/2	24 1/2	41 1/2	58 1/2	75 1/2	24.88	92 1/2	
8	25	42	59	76	25.01	93	
8 1/2	25 1/2	42 1/2	59 1/2	76 1/2	25.13	93 1/2	
9	26	43	60	77	25.25	94	
9 1/2	26 1/2	43 1/2	60 1/2	77 1/2	25.37	94 1/2	
10	27	44	61	78	25.50	95	
10 1/2	27 1/2	44 1/2	61 1/2	78 1/2	25.62	95 1/2	
11	28	45	62	79	25.74	96	
11 1/2	28 1/2	45 1/2	62 1/2	79 1/2	25.87	96 1/2	
12	29	46	63	80	25.99	97	
12 1/2	29 1/2	46 1/2	63 1/2	80 1/2	26.11	97 1/2	
13	30	47	64	81	26.23	98	
13 1/2	30 1/2	47 1/2	64 1/2	81 1/2	26.36	98 1/2	
14	31	48	65	82	26.48	99	
14 1/2	31 1/2	48 1/2	65 1/2	82 1/2	26.60	99 1/2	
15	32	49	66	83	26.72	100	
15 1/2	32 1/2	49 1/2	66 1/2	83 1/2	26.85		
16	33	50	67	84	26.97		
16 1/2	33 1/2	50 1/2	67 1/2	84 1/2	27.09		
17	34	51	68	85	27.22		
17 1/2	34 1/2	51 1/2	68 1/2	85 1/2	27.34		

TEMPERATURE CORRECTION

°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.	°F	CORR.
28		41	2.53	54	1.62	67	0.70	80	-0.21	93	-1.12
29		42	2.46	55	1.55	68	0.63	81	-0.28	94	-1.19
30		43	2.39	56	1.48	69	0.56	82	-0.35	95	-1.27
31		44	2.32	57	1.41	70	0.49	83	-0.42	96	-1.34
32		45	2.25	58	1.34	71	0.42	84	-0.49	97	-1.41
33		46	2.18	59	1.27	72	0.35	85	-0.56	98	-1.48
34		47	2.11	60	1.19	73	0.28	86	-0.63	99	-1.55
35		48	2.04	61	1.12	74	0.21	87	-0.70	100	
36		49	1.97	62	1.05	75	0.14	88	-0.77	101	
37		50	1.90	63	0.98	76	0.07	89	-0.84	102	
38		51	1.83	64	0.91	77	0.00	90	-0.91	103	
39		52	1.76	65	0.84	78	-0.07	91	-0.98	104	
40	2.60	53	1.69	66	0.77	79	-0.14	92	-1.05	105	