

# MOTOMCO 919 MOISTURE METER CHART

**TRITICALE**

Sample Size **250** Grams

Calibrate at **53**

6.9% to 14.1% Moisture

$$\% \text{ MOISTURE} = 8.005275 + (0.255662 * \text{MR}) - (0.000760 * \text{MR}^2) - (0.049191 * T)$$

## METER READING & PERCENT MOISTURE

1	18	<b>8.57</b>	35	<b>12.23</b>	52	69	86
1 1/2	18 1/2	<b>8.69</b>	35 1/2	<b>12.34</b>	52 1/2	69 1/2	86 1/2
2	19	<b>8.80</b>	36	<b>12.44</b>	53	70	87
2 1/2	19 1/2	<b>8.91</b>	36 1/2	<b>12.54</b>	53 1/2	70 1/2	87 1/2
3	20	<b>9.03</b>	37	<b>12.64</b>	54	71	88
3 1/2	20 1/2	<b>9.14</b>	37 1/2	<b>12.74</b>	54 1/2	71 1/2	88 1/2
4	21	<b>9.25</b>	38	<b>12.84</b>	55	72	89
4 1/2	21 1/2	<b>9.36</b>	38 1/2	<b>12.93</b>	55 1/2	72 1/2	89 1/2
5	22	<b>9.47</b>	39	<b>13.03</b>	56	73	90
5 1/2	22 1/2	<b>9.59</b>	39 1/2	<b>13.13</b>	56 1/2	73 1/2	90 1/2
6	23	<b>9.70</b>	40	<b>13.23</b>	57	74	91
6 1/2	23 1/2	<b>9.81</b>	40 1/2	<b>13.33</b>	57 1/2	74 1/2	91 1/2
7	24	<b>9.92</b>	41	<b>13.42</b>	58	75	92
7 1/2	24 1/2	<b>10.03</b>	41 1/2	<b>13.52</b>	58 1/2	75 1/2	92 1/2
8	25	<b>10.13</b>	42	<b>13.61</b>	59	76	93
8 1/2	25 1/2	<b>10.24</b>	42 1/2	<b>13.71</b>	59 1/2	76 1/2	93 1/2
9	26	<b>10.35</b>	43	<b>13.81</b>	60	77	94
9 1/2	26 1/2	<b>10.46</b>	43 1/2	<b>13.90</b>	60 1/2	77 1/2	94 1/2
10	27	<b>10.57</b>	44	<b>14.00</b>	61	78	95
10 1/2	27 1/2	<b>10.67</b>	44 1/2	<b>14.09</b>	61 1/2	78 1/2	95 1/2
11	<b>6.94</b>	28	<b>10.78</b>	45	62	79	96
11 1/2	<b>7.06</b>	28 1/2	<b>10.89</b>	45 1/2	62 1/2	79 1/2	96 1/2
12	<b>7.18</b>	29	<b>10.99</b>	46	63	80	97
12 1/2	<b>7.29</b>	29 1/2	<b>11.10</b>	46 1/2	63 1/2	80 1/2	97 1/2
13	<b>7.41</b>	30	<b>11.20</b>	47	64	81	98
13 1/2	<b>7.53</b>	30 1/2	<b>11.31</b>	47 1/2	64 1/2	81 1/2	98 1/2
14	<b>7.65</b>	31	<b>11.41</b>	48	65	82	99
14 1/2	<b>7.76</b>	31 1/2	<b>11.52</b>	48 1/2	65 1/2	82 1/2	99 1/2
15	<b>7.88</b>	32	<b>11.62</b>	49	66	83	
15 1/2	<b>8.00</b>	32 1/2	<b>11.72</b>	49 1/2	66 1/2	83 1/2	
16	<b>8.11</b>	33	<b>11.83</b>	50	67	84	
16 1/2	<b>8.23</b>	33 1/2	<b>11.93</b>	50 1/2	67 1/2	84 1/2	
17	<b>8.34</b>	34	<b>12.03</b>	51	68	85	
17 1/2	<b>8.46</b>	34 1/2	<b>12.13</b>	51 1/2	68 1/2	85 1/2	

\* indicates extrapolated value

## Temperature Correction (°F)

40	50	<b>1.33</b>	60	<b>0.84</b>	70	<b>0.34</b>	80	<b>-0.15</b>	90	<b>-0.64</b>	
41	51	<b>1.28</b>	61	<b>0.79</b>	71	<b>0.30</b>	81	<b>-0.20</b>	91	<b>-0.69</b>	
42	52	<b>1.23</b>	62	<b>0.74</b>	72	<b>0.25</b>	82	<b>-0.25</b>	92	<b>-0.74</b>	
43	53	<b>1.18</b>	63	<b>0.69</b>	73	<b>0.20</b>	83	<b>-0.30</b>	93		
44	<b>1.62</b>	54	<b>1.13</b>	64	<b>0.64</b>	74	<b>0.15</b>	84	<b>-0.34</b>	94	
45	<b>1.57</b>	55	<b>1.08</b>	65	<b>0.59</b>	75	<b>0.10</b>	85	<b>-0.39</b>	95	
46	<b>1.52</b>	56	<b>1.03</b>	66	<b>0.54</b>	76	<b>0.05</b>	86	<b>-0.44</b>	96	
47	<b>1.48</b>	57	<b>0.98</b>	67	<b>0.49</b>	77	<b>0.00</b>	87	<b>-0.49</b>	97	
48	<b>1.43</b>	58	<b>0.93</b>	68	<b>0.44</b>	78	<b>-0.05</b>	88	<b>-0.54</b>	98	
49	<b>1.38</b>	59	<b>0.89</b>	69	<b>0.39</b>	79	<b>-0.10</b>	89	<b>-0.59</b>	99	