

HARD WHEAT EQUILIBRIUM MOISTURE CONTENT

TEMPERATURE (°F)																	
	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°
R.H.	MOISTURE CONTENT (% W.B.)																
5%	5.0	4.9	4.8	4.7	4.6	4.5	4.5	4.4	4.3	4.2	4.2	4.1	4.1	4.0	3.9	3.9	3.8
10%	6.8	6.6	6.5	6.4	6.2	6.1	6.0	5.9	5.8	5.7	5.6	5.6	5.5	5.4	5.3	5.3	5.2
15%	8.1	7.9	7.7	7.6	7.4	7.3	7.2	7.1	6.9	6.8	6.7	6.6	6.5	6.5	6.4	6.3	6.2
20%	9.2	9.0	8.8	8.6	8.5	8.3	8.2	8.0	7.9	7.8	7.7	7.6	7.5	7.4	7.3	7.2	7.1
25%	10.1	9.9	9.7	9.5	9.4	9.2	9.0	8.9	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.9	7.8
30%	11.0	10.8	10.6	10.4	10.2	10.0	9.8	9.7	9.5	9.4	9.2	9.1	9.0	8.9	8.8	8.7	8.6
35%	11.9	11.6	11.4	11.2	11.0	10.8	10.6	10.4	10.3	10.1	10.0	9.8	9.7	9.6	9.4	9.3	9.2
40%	12.7	12.4	12.2	11.9	11.7	11.5	11.3	11.1	11.0	10.8	10.7	10.5	10.4	10.2	10.1	10.0	9.9
45%	13.4	13.2	12.9	12.7	12.4	12.2	12.0	11.8	11.7	11.5	11.3	11.2	11.0	10.9	10.7	10.6	10.5
50%	14.2	13.9	13.7	13.4	13.2	12.9	12.7	12.5	12.3	12.2	12.0	11.8	11.7	11.5	11.4	11.2	11.1
55%	15.0	14.7	14.4	14.1	13.9	13.7	13.4	13.2	13.0	12.8	12.7	12.5	12.3	12.2	12.0	11.9	11.7
60%	15.8	15.5	15.2	14.9	14.6	14.4	14.2	13.9	13.7	13.5	13.3	13.2	13.0	12.8	12.7	12.5	12.4
65%	16.6	16.3	15.9	15.7	15.4	15.1	14.9	14.7	14.4	14.2	14.0	13.9	13.7	13.5	13.3	13.2	13.0
70%	17.4	17.1	16.8	16.5	16.2	15.9	15.7	15.4	15.2	15.0	14.8	14.6	14.4	14.2	14.1	13.9	13.7
75%	18.3	18.0	17.6	17.3	17.0	16.8	16.5	16.3	16.0	15.8	15.6	15.4	15.2	15.0	14.8	14.6	14.5
80%	19.3	19.0	18.6	18.3	18.0	17.7	17.4	17.2	16.9	16.7	16.5	16.2	16.0	15.8	15.7	15.5	15.3
85%	20.5	20.1	19.7	19.4	19.1	18.8	18.5	18.2	17.9	17.7	17.5	17.2	17.0	16.8	16.6	16.4	16.3
90%	21.9	21.5	21.1	20.7	20.4	20.1	19.8	19.5	19.2	19.0	18.7	18.5	18.3	18.1	17.8	17.6	17.5
95%	23.9	23.5	23.1	22.7	22.3	22.0	21.7	21.4	21.1	20.8	20.5	20.3	20.0	19.8	19.6	19.4	19.2

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Source: ASAE D245.4 Modified Henderson Equation