

# EQUILIBRIUM MOISTURE CONTENT

## Corn, yellow dent (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	11.0	11.6	12.3	12.9	13.5	14.2	14.8	15.6	16.3	17.2	18.2	19.5	21.1
40°	10.6	11.3	11.9	12.5	13.1	13.8	14.5	15.2	16.0	16.9	17.9	19.1	20.8
45°	10.2	10.9	11.5	12.2	12.8	13.5	14.1	14.9	15.7	16.6	17.6	18.8	20.5
50°	9.9	10.6	11.2	11.8	12.5	13.1	3.8	14.6	15.4	16.3	17.3	18.6	20.2
55°	9.6	10.2	10.9	11.5	12.2	12.8	13.5	14.3	15.1	16.0	17.0	18.3	20.0
60°	9.3	9.9	10.6	11.2	11.9	12.6	13.3	14.0	14.8	15.7	16.8	18.1	19.7
65°	9.0	9.7	10.3	11.0	11.6	12.3	13.0	13.8	14.6	15.5	16.5	17.8	19.5
70°	8.7	9.4	10.0	10.7	11.4	12.0	12.7	13.5	14.3	15.3	16.3	17.6	19.3
75°	8.5	9.1	9.8	10.4	11.1	11.8	12.5	13.3	14.1	15.0	16.1	17.4	19.1
80°	8.2	8.9	9.6	10.2	10.9	11.6	12.3	13.1	13.9	14.8	15.9	17.2	18.9

## Soybean (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	6.6	7.5	8.3	9.1	9.9	10.8	11.7	12.6	13.7	14.8	16.1	17.7	19.7
40°	6.4	7.3	8.1	8.9	9.8	10.6	11.5	12.5	13.5	14.6	16.0	17.5	19.6
45°	6.3	7.1	8.0	8.8	9.6	10.5	11.4	12.3	13.4	14.5	15.8	17.4	19.5
50°	6.1	7.0	7.8	8.6	9.5	10.3	11.2	12.2	13.2	14.4	15.7	17.3	19.4
55°	5.9	6.8	7.7	8.5	9.3	10.2	11.1	12.1	13.1	14.2	15.6	17.2	19.2
60°	5.8	6.7	7.5	8.3	9.2	10.1	11.0	11.9	13.0	14.1	15.4	17.0	19.1
65°	5.6	6.5	7.4	8.2	9.0	9.9	10.8	11.8	12.8	14.0	15.3	16.9	19.0
70°	5.5	6.4	7.2	8.1	8.9	9.8	10.7	11.7	12.7	13.9	15.2	16.8	18.9
75°	5.3	6.2	7.1	7.9	8.8	9.7	10.6	11.5	12.6	13.7	15.1	16.7	18.8
80°	5.2	6.1	6.9	7.8	8.6	9.5	10.4	11.4	12.5	13.6	15.0	16.6	18.7

## Wheat, hard (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	10.8	11.4	12.0	12.6	13.2	13.8	14.5	15.2	15.9	16.8	17.8	19.0	20.6
40°	10.5	11.1	11.7	12.4	13.0	13.6	14.3	15.0	15.7	16.6	17.6	18.8	20.4
45°	10.3	10.0	11.5	12.1	12.8	13.4	14.1	14.8	15.5	16.4	17.4	18.6	20.2
50°	10.1	10.7	11.3	11.9	12.6	13.2	13.9	14.6	15.3	16.2	17.0	18.4	19.9
55°	9.9	10.5	11.1	11.7	12.4	13.0	13.7	14.4	15.2	16.0	17.0	18.3	19.9
60°	9.7	10.3	10.9	11.5	12.2	12.8	13.5	14.2	15.0	15.9	16.9	18.1	19.7
65°	9.5	10.1	10.7	11.4	12.0	12.6	13.3	14.0	14.8	15.7	16.7	17.9	19.6
70°	9.3	9.9	10.6	11.2	11.8	12.5	13.1	13.9	14.7	15.5	16.6	17.8	19.4
75°	9.1	9.8	10.4	11.0	11.7	12.3	13.0	13.7	14.5	15.4	16.4	17.6	19.3
80°	9.0	9.6	10.2	10.9	11.5	12.1	12.8	13.6	14.3	15.2	16.3	17.5	19.1

## Soft Wheat (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	10.5	11.0	11.5	11.9	12.4	12.9	13.4	13.9	14.5	15.1	15.9	16.9	18.1
40°	10.3	10.8	11.2	11.7	12.1	12.6	13.1	13.7	14.3	14.9	15.7	16.6	17.9
45°	10.1	10.5	11.0	11.5	11.9	12.4	12.9	13.5	14.1	14.7	15.5	16.4	17.7
50°	9.9	10.3	10.8	11.2	11.7	12.2	12.7	13.3	13.9	14.5	15.3	16.3	17.5
55°	9.7	10.1	10.6	11.1	11.5	12.0	12.5	13.1	13.7	14.3	15.1	16.1	17.4
60°	9.5	9.9	10.4	10.9	11.3	11.8	12.3	12.9	13.5	14.2	15.0	15.9	17.2
65°	9.3	9.8	10.2	10.7	11.2	11.7	12.2	12.7	13.3	14.0	14.8	15.8	17.0
70°	9.1	9.6	10.0	10.5	11.0	11.5	12.0	12.6	13.2	13.8	14.6	15.6	16.9
75°	8.9	9.4	9.9	10.4	10.8	11.3	11.8	12.4	13.0	13.7	14.5	15.5	16.8
80°	8.8	9.3	9.7	10.2	10.7	11.2	11.7	12.3	12.9	13.6	14.4	15.3	16.6

# EQUILIBRIUM MOISTURE CONTENT

## Wheat, durum (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	9.5	10.1	10.7	11.4	12.0	12.6	13.3	14.0	14.7	15.6	16.6	17.8	19.4
40°	9.4	10.0	10.6	11.2	11.9	12.5	13.2	13.9	14.6	15.5	16.5	17.7	19.3
45°	9.3	9.9	10.5	11.1	11.8	12.4	13.1	13.8	14.5	15.4	16.4	17.6	19.2
50°	9.2	9.8	10.4	11.0	11.7	12.3	13.0	13.7	14.4	15.3	16.3	17.5	19.1
55°	9.1	9.7	10.3	10.9	11.6	12.2	12.9	13.6	14.3	15.2	16.2	17.4	19.0
60°	9.0	9.6	10.2	10.8	11.5	12.1	12.8	13.5	14.3	15.1	16.1	17.3	18.9
65°	8.9	9.5	10.1	10.8	11.4	12.0	12.7	13.4	14.2	15.0	16.0	17.3	18.9
70°	8.8	9.4	10.1	10.7	11.3	11.9	12.6	13.3	14.1	15.0	16.0	17.2	18.8
75°	8.7	9.3	10.0	10.6	11.2	11.8	12.5	13.2	14.0	14.9	15.9	17.1	18.7
80°	8.6	9.3	9.9	10.5	11.1	11.7	12.4	13.1	13.9	14.8	15.8	17.0	18.6

## Rice, rough (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	10.6	11.1	11.6	12.1	12.6	13.1	13.7	14.2	14.9	15.6	16.4	17.4	18.8
40°	10.4	10.9	11.4	11.8	12.3	12.9	13.4	14.0	14.6	15.4	16.2	17.2	18.5
45°	10.1	10.6	11.1	11.6	12.1	12.6	13.2	13.8	14.4	15.1	16.0	17.0	18.3
50°	9.9	10.4	10.9	11.4	11.9	12.4	13.0	13.6	14.2	14.9	15.8	16.8	18.1
55°	9.6	10.2	10.7	11.2	11.7	12.2	12.8	13.4	14.0	14.7	15.6	16.6	18.0
60°	9.4	10.0	10.5	11.0	11.5	12.0	12.6	13.2	13.8	14.5	15.4	16.6	18.0
65°	9.2	9.8	10.3	10.8	11.3	11.8	12.4	13.0	13.6	14.4	15.2	16.2	17.6
70°	9.1	9.6	10.1	10.6	11.1	11.6	12.2	12.8	13.5	14.2	15.0	16.1	17.5
75°	8.9	9.4	9.9	10.4	10.9	11.5	12.0	12.6	13.3	14.0	14.9	15.9	17.3
80°	9.7	9.2	9.7	10.2	10.8	11.3	11.9	12.5	13.1	13.9	14.7	17.2	

## Wheat, hard (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	10.8	11.4	12.0	12.6	13.2	13.8	14.5	15.2	15.9	16.8	17.8	19.0	20.6
40°	10.5	11.1	11.7	12.4	13.0	13.6	14.3	15.0	15.7	16.6	17.6	18.8	20.4
45°	10.3	10.0	11.5	12.1	12.8	13.4	14.1	14.8	15.5	16.4	17.4	18.6	20.2
50°	10.1	10.7	11.3	11.9	12.6	13.2	13.9	14.6	15.3	16.2	17.0	18.4	19.9
55°	9.9	10.5	11.1	11.7	12.4	13.0	13.7	14.4	15.2	16.0	17.0	18.3	19.9
60°	9.7	10.3	10.9	11.5	12.2	12.8	13.5	14.2	15.0	15.9	16.9	18.1	19.7
65°	9.5	10.1	10.7	11.4	12.0	12.6	13.3	14.0	14.8	15.7	16.7	17.9	19.6
70°	9.3	9.9	10.6	11.2	11.8	12.5	13.1	13.9	14.7	15.5	16.6	17.8	19.4
75°	9.1	9.8	10.4	11.0	11.7	12.3	13.0	13.7	14.5	15.4	16.4	17.6	19.3
80°	9.0	9.6	10.2	10.9	11.5	12.1	12.8	13.6	14.3	15.2	16.3	17.5	19.1

## Barley (Wet Basis)

	RELATIVE HUMIDITY												
	30%	35%	40%	45%	50%	55%	60%	65%	70%	75%	80%	85%	90%
35°	8.8	9.4	9.9	10.5	11.0	11.6	12.2	12.9	13.6	14.4	15.3	16.5	18.0
40°	8.7	9.2	9.8	10.4	10.9	11.5	12.1	12.8	13.5	14.3	15.2	16.4	17.9
45°	8.5	9.1	9.7	10.2	10.8	11.4	12.0	12.7	13.4	14.2	15.1	16.3	17.8
50°	8.4	9.0	9.6	10.1	10.7	11.3	11.9	12.6	13.3	14.1	15.0	16.2	17.7
55°	8.3	8.9	9.5	10.0	10.6	11.2	11.8	12.5	13.2	14.0	14.9	16.1	17.6
60°	8.2	8.8	9.3	9.9	10.5	11.1	11.7	12.4	13.1	13.9	14.8	16.0	17.5
65°	8.1	8.7	9.2	9.8	10.4	11.0	11.6	12.3	13.0	13.8	14.7	15.9	17.4
70°	8.0	8.6	9.1	9.7	10.3	10.9	11.5	12.2	12.9	13.7	14.6	15.8	17.3
75°	7.9	8.5	9.0	9.6	10.2	10.8	11.4	12.1	12.8	13.6	14.6	15.7	17.2
80°	7.8	8.4	8.9	9.5	10.1	10.7	11.3	12.0	12.7	13.5	14.5	15.6	17.1