

Example of Excel Spreadsheet

A	B	C	D	E	F	G	H
WQFS 1997							
Corn Harvest			(Bean Harvest @ bottom of file)				
Oct. 15, 1997							
Harvest area 30 ft. x 160 ft.							
			(lbs.)				
Rep	Plot	Trt.	Hvst. wt.	% moist	Yld (bu./A)	Trt. Avg.	
1	12	3	960	18.1	150.8	135.2	$((100-E9)*(0.01)*(D9))/((56)*(1-0.155))/((30*160)/43560)$
2	23	3	855	18.3	134.0		

The formula in "F"

A	B	C	D	E	F	G	H
WQFS 1997							
Soybean Harvest							
Oct. 15, 1997							
Harvest area 30 ft. x 160 ft.							
			(lbs.)				
Rep	Plot	Trt.	Hvst. wt.	% moist	Yld (bu/A)	Trt. avg.	
1	11	2	335	13.4	50.4	48.3	$((100-E60)*(0.01)*(D60))/((60)*(1-0.13))/((30*160)/43560)$
2	22	2	325	13.3	49.0		
3	32	2	285	12.9	43.2		
4	43	2	335	13.1	50.6		

The formula in "F"

Table 2. Weights to equal a bushel at market standard moisture contents.

Moisture Content (%)	Sunflower						
	Wheat	CWT	Corn	Barley	Oats	Rye	Beans
5.0	54.63	94.73	49.81	43.20	28.97	50.69	54.95
5.5	54.92	95.24	50.07	43.43	29.12	50.96	55.24
6.0	55.21	95.74	50.34	43.66	29.28	51.23	55.53
6.5	55.51	96.26	50.61	43.89	29.43	51.51	55.83
7.0	55.81	96.78	50.88	44.13	29.59	51.79	56.13
7.5	56.11	97.30	51.16	44.37	29.75	52.07	56.43
8.0	56.42	97.83	51.44	44.61	29.91	52.35	56.74
8.5	56.72	98.36	51.72	44.85	30.08	52.63	57.05
9.0	57.03	98.90	52.00	45.10	30.24	52.92	57.36
9.5	57.35	99.45	52.29	45.35	30.41	53.22	57.68
10.0	57.67	100.00	52.58	45.60	30.58	53.51	58.00
10.5	57.99	100.56	52.87	45.85	30.75	53.81	58.32
11.0	58.31	101.12	53.17	46.11	30.92	54.11	58.65
11.5	58.64	101.69	53.47	46.37	31.10	54.42	58.98
12.0	58.97	102.28	53.77	46.64	31.27	54.73	59.32
12.5	59.31	102.86	54.08	46.90	31.45	55.04	59.95
13.0	59.65	103.46	54.39	47.17	31.63	55.36	60.00
13.5	60.00	104.05	54.71	47.45	31.82	55.68	60.35
14.0	60.35	104.66	55.02	47.72	32.00	56.00	60.70
14.5	60.70	105.26	55.35	48.00	32.19	56.33	61.06
15.0	61.06	105.89	55.67	48.28	32.38	56.66	61.41
15.5	61.43	106.52	56.00	48.57	32.57	57.00	61.78
16.0	61.79	107.15	56.33	48.86	32.76	57.34	62.14
16.5	62.16	107.79	56.67	49.15	32.96	57.68	62.52
17.0	62.53	108.44	57.01	49.45	33.16	58.03	62.89
17.5	62.91	109.10	57.36	49.75	33.36	58.38	63.28
18.0	63.30	109.76	57.71	50.05	33.56	58.74	63.66
18.5	63.69	110.44	58.06	50.36	33.77	59.10	64.05
19.0	64.08	111.11	58.42	50.67	33.98	59.46	64.45
19.5	64.47	111.81	58.78	50.98	34.19	59.83	64.85
20.0	64.88	112.51	59.15	51.30	34.40	60.20	65.25
21.0	65.70	113.93	59.90	51.95	34.84	60.96	66.08
22.0	66.54	115.39	60.67	52.62	35.28	61.75	66.93
23.0	67.41	116.89	61.45	53.30	35.74	62.55	67.80
24.0	68.29	118.43	62.26	54.01	36.21	63.37	68.69
25.0	69.20	120.00	63.09	54.73	36.69	64.22	69.61
26.0	70.14	121.62	63.95	55.47	37.19	65.09	70.55
27.0	71.10	123.29	64.82	56.22	37.70	65.98	71.51
28.0	72.10	125.00	65.72	57.00	38.22	66.89	72.51
29.0	73.10	126.77	66.65	57.80	38.76	67.84	73.53
30.0	74.15	128.58	67.60	58.63	39.31	68.80	74.58

Brackets (bold) indicate the weight at the market standard moisture content.

Source: <http://www.ag.ndsu.edu/pubs/plantsci/crops/ae905w.htm>