



Agricultural Products

Agricultural Commodity Metric Conversion Guide

As the world's leading and most diverse derivatives marketplace, CME Group (cmegroup.com) is where the world comes to manage risk. CME Group exchanges offer the widest range of global benchmark products across all major asset classes, including futures and options based on interest rates, equity indexes, foreign exchange, energy, agricultural commodities, metals, weather and real estate. CME Group brings buyers and sellers together through its CME Globex electronic trading platform and its trading facilities in New York and Chicago. CME Group also operates CME Clearing, one of the largest central counterparty clearing services in the world, which provides clearing and settlement services for exchange-traded contracts, as well as for over-the-counter derivatives transactions through CME ClearPort.

AGRICULTURAL PRODUCTS

MORE AGRICULTURAL FUTURES AND
OPTIONS. GREATER OPPORTUNITY.

CME Group offers the widest range of agricultural derivatives of any U.S. exchange, with trading available on a range of grains, livestock, oilseed, dairy, lumber and other products. Representing the staples of everyday life, these products offer you liquidity, transparent pricing and extraordinary opportunities in a regulated centralized marketplace with equal access to all participants.

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PASSPORT TO THE WORLD

CME Group has developed this handy pocket guide to help you in converting metric tons to U.S. measurements.

How to Use this Guide Example:

To convert 11,000 metric tons of corn to bushels, just add the appropriate conversion listed in the table on Page 4.

10,000 metric tons = 393,683 bushels

+ 1,000 metric tons = 39,368 bushels

11,000 metric tons = 433,051 bushels

We have also included price conversion tables equating the dollar value of a given commodity to the dollar value in metric tons. We hope you find these conversion tables useful in meeting your hedging needs.

Note: There may be a slight discrepancy between the charts and formulas as a result of rounding.

CONTRACT MONTH CODE

January	F
February	G
March	H
April	J
May	K
June	M
July	N
August	Q
September	U
October	V
November	X
December	Z

C/ZC CORN

One Corn futures contract = 5,000 bushels

Contract months: Dec, Mar, May, Jul, Sep

\$/Bushel to \$/Metric Ton		\$/Metric Ton to \$/Bushel	
\$0.0025	\$0.10	\$0.50	\$0.013
\$0.0050	\$0.20	\$1.00	\$0.025
\$0.0075	\$0.30	\$2.00	\$0.051
\$0.01	\$0.39	\$3.00	\$0.076
\$0.02	\$0.79	\$4.00	\$0.102
\$0.03	\$1.18	\$5.00	\$0.127
\$0.04	\$1.57	\$10.00	\$0.254
\$0.05	\$1.97	\$20.00	\$0.508
\$0.10	\$3.94	\$30.00	\$0.762
\$0.20	\$7.87	\$40.00	\$1.016
\$0.30	\$11.81	\$50.00	\$1.270
\$0.40	\$15.75	\$75.00	\$1.905
\$0.50	\$19.68	\$100.00	\$2.540
\$1.00	\$39.37	\$125.00	\$3.175
\$2.00	\$78.74	\$150.00	\$3.810
\$3.00	\$118.10	\$175.00	\$4.445
\$4.00	\$157.47	\$200.00	\$5.080
\$5.00	\$196.84	\$225.00	\$5.715
\$6.00	\$236.21	\$250.00	\$6.350
\$7.00	\$275.58	\$275.00	\$6.985

Price per bushel x 39.36825 = metric ton price

Metric ton price x .0254012 = price per bushel

Bushels to Metric Tons

250	6
500	13
750	19
1,000	25
2,000	51
3,000	76
4,000	102
5,000	127
10,000	254
20,000	508
30,000	762
40,000	1,016
50,000	1,270
100,000	2,540
200,000	5,080
300,000	7,620
400,000	10,160
500,000	12,701
1,000,000	25,401
2,000,000	50,802

Metric Tons to Bushels

25	984
50	1,968
75	2,953
100	3,937
200	7,874
300	11,810
400	15,747
500	19,684
1,000	39,368
2,000	78,737
3,000	118,105
4,000	157,473
5,000	196,841
10,000	393,683
20,000	787,365
30,000	1,181,048
40,000	1,574,730
50,000	1,968,413
55,000	2,165,254

Bushels x .0254012 = metric tons

Metric tons x 39.36825 = bushels

One bushel = 56 pounds

CPO CRUDE PALM OIL

One CPO futures contract = 25 metric tons

Contract months: Monthly – referencing FCPO 2nd through the 5th consecutive forward months, skipping the spot and first forward month. Thereafter, alternate months up to 24 months.

\$/Metric Ton to \$/Pound

\$/Pound to \$/Metric Ton

\$0.25	\$0.000113	\$0.0001	\$0.22
\$0.50	\$0.000227	\$0.0002	\$0.44
\$0.75	\$0.000340	\$0.0003	\$0.66
\$1.00	\$0.000454	\$0.0004	\$0.88
\$2.00	\$0.000907	\$0.0005	\$1.10
\$3.00	\$0.001361	\$0.0010	\$2.20
\$4.00	\$0.001814	\$0.0020	\$4.41
\$5.00	\$0.002268	\$0.0030	\$6.61
\$10.00	\$0.004536	\$0.0040	\$8.82
\$20.00	\$0.009072	\$0.0050	\$11.02
\$30.00	\$0.013608	\$0.0100	\$22.05
\$40.00	\$0.018144	\$0.0200	\$44.09
\$50.00	\$0.022680	\$0.0300	\$66.14
\$100.00	\$0.045359	\$0.0400	\$88.18
\$200.00	\$0.090718	\$0.0500	\$110.23
\$300.00	\$0.136078	\$0.1000	\$220.46
\$400.00	\$0.181437	\$0.2000	\$440.92
\$500.00	\$0.226796	\$0.3000	\$661.39
\$1,000.00	\$0.453592	\$0.4000	\$881.85
\$1,100.00	\$0.498952	\$0.5000	\$1,102.31

Price per pound = price per metric ton x .0004536

Price per metric ton = price per pound x 2204.623

Metric Tons to Pounds

10	22,046
20	44,092
30	66,139
40	88,185
50	110,231
100	220,462
200	440,925
300	661,387
400	881,849
500	1,102,312
1,000	2,204,623
2,000	4,409,246
3,000	6,613,869
4,000	8,818,492
5,000	11,023,115
10,000	22,046,230
20,000	44,092,460
30,000	66,138,690
40,000	88,184,920
50,000	110,231,150
100,000	220,462,300

Pounds to Metric Tons

2,000	1
5,000	2
10,000	5
20,000	9
30,000	14
40,000	18
50,000	23
100,000	45
200,000	91
300,000	136
400,000	181
500,000	227
1,000,000	454
2,000,000	907
4,000,000	1,814
5,000,000	2,268
10,000,000	4,536
20,000,000	9,072
30,000,000	13,608
40,000,000	18,144
50,000,000	22,680

1 pound = .0004536 metric tons

1 metric ton = 2204.623 pounds

O/ZO OATS

One Oat futures contract = 5,000 bushels

Contract months: Jul, Sep, Dec, Mar, May

\$/Bushel to \$/Metric Ton		\$/Metric Ton to \$/Bushel	
\$0.0025	\$0.15	\$0.50	\$0.009
\$0.0050	\$0.29	\$1.00	\$0.017
\$0.0075	\$0.44	\$2.00	\$0.034
\$0.01	\$0.58	\$3.00	\$0.052
\$0.02	\$1.16	\$4.00	\$0.069
\$0.03	\$1.74	\$5.00	\$0.086
\$0.04	\$2.32	\$10.00	\$0.172
\$0.05	\$2.90	\$20.00	\$0.345
\$0.10	\$5.80	\$30.00	\$0.517
\$0.20	\$11.60	\$40.00	\$0.689
\$0.30	\$17.40	\$50.00	\$0.862
\$0.40	\$23.21	\$75.00	\$1.293
\$0.50	\$29.01	\$100.00	\$1.724
\$1.00	\$58.02	\$125.00	\$2.155
\$1.50	\$87.02	\$150.00	\$2.585
\$2.00	\$116.03	\$175.00	\$3.016
\$2.50	\$145.04	\$200.00	\$3.447
\$3.00	\$174.05	\$225.00	\$3.878
\$3.50	\$203.06	\$250.00	\$4.309
\$4.00	\$232.07	\$275.00	\$4.740
\$4.50	\$261.07	\$300.00	\$5.171
\$5.00	\$290.08	\$325.00	\$5.602

Price per bushel x 58.01643211 = metric ton price

Metric ton price x .017236496 = price per bushel

Bushels to Metric Tons

250	4
500	9
750	13
1,000	17
2,000	34
3,000	52
4,000	69
5,000	86
10,000	172
20,000	345
30,000	517
40,000	689
50,000	862
100,000	1,724
200,000	3,447
300,000	5,171
400,000	6,895
500,000	8,618
1,000,000	17,237
2,000,000	34,473

Metric Tons to Bushels

25	1,450
50	2,901
75	4,351
100	5,802
200	11,603
300	17,405
400	23,207
500	29,008
1,000	58,016
2,000	116,033
3,000	174,049
4,000	232,065
5,000	290,082
10,000	580,164
20,000	1,160,329
30,000	1,740,493
40,000	2,320,657
50,000	2,900,822
55,000	3,190,904

Bushels x .017236496 = metric tons

Metric tons x 58.01643211 = bushels

One bushel = 38 pounds

RR/ZR ROUGH RICE

One Rough Rice futures contract =
2,000 hundredweights (cwt)

Contract months: Sep, Nov, Jan, Mar, May, Jul

\$/Cwt to \$/Metric Ton		\$/Metric Ton to \$/Cwt	
\$0.005	\$0.11	\$0.50	\$0.02
\$0.01	\$0.22	\$1	\$0.05
\$0.02	\$0.44	\$2	\$0.09
\$0.03	\$0.66	\$3	\$0.14
\$0.04	\$0.88	\$4	\$0.18
\$0.05	\$1.10	\$5	\$0.23
\$0.10	\$2.20	\$10	\$0.45
\$0.20	\$4.41	\$20	\$0.91
\$0.30	\$6.61	\$30	\$1.36
\$0.40	\$8.82	\$40	\$1.81
\$0.50	\$11.02	\$50	\$2.27
\$5.00	\$110.23	\$100	\$4.54
\$6.00	\$132.28	\$120	\$5.44
\$7.00	\$154.32	\$140	\$6.35
\$8.00	\$176.37	\$160	\$7.26
\$9.00	\$198.42	\$180	\$8.16
\$10.00	\$220.46	\$200	\$9.07
\$11.00	\$242.51	\$220	\$9.98
\$12.00	\$264.55	\$240	\$10.89
\$13.00	\$286.60	\$260	\$11.79
		\$280	\$12.70
		\$300	\$13.61

Price per Cwt x 22.04622 = Metric Ton Price

Metric Ton Price x .0453592 = Cwt Price

Cwt to Metric Tons

250	11
500	23
750	34
1,000	45
2,000	91
3,000	136
4,000	181
5,000	227
10,000	454
20,000	907
30,000	1,361
40,000	1,814
50,000	2,268
100,000	4,536
200,000	9,072
300,000	13,608
400,000	18,144
500,000	22,680
1,000,000	45,359

Metric Tons to Cwt

25	551
50	1,102
75	1,653
100	2,205
200	4,409
300	6,614
400	8,818
500	11,023
1,000	22,046
2,000	44,092
3,000	66,139
4,000	88,185
5,000	110,231
10,000	220,462
20,000	440,925
30,000	661,387
40,000	881,850
50,000	1,102,312
55,000	1,212,543

Cwt x .0453592 = metric tons

Metric ton x 22.04624 = cwt

One hundredweight = 100 pounds

S/ZS SOYBEANS

One Soybean futures contract = 5,000 bushels

Contract months: Sep, Nov, Jan, Mar, May, Jul, Aug

\$/Bushel to \$/Metric Ton		\$/Metric Ton to \$/Bushel	
\$0.0025	\$0.09	\$0.50	\$0.014
\$0.0050	\$0.18	\$1.00	\$0.027
\$0.0075	\$0.28	\$2.00	\$0.054
\$0.01	\$0.37	\$3.00	\$0.082
\$0.02	\$0.73	\$4.00	\$0.109
\$0.03	\$1.10	\$5.00	\$0.136
\$0.04	\$1.47	\$10.00	\$0.272
\$0.05	\$1.84	\$20.00	\$0.544
\$0.10	\$3.67	\$30.00	\$0.816
\$0.20	\$7.35	\$40.00	\$1.089
\$0.30	\$11.02	\$50.00	\$1.361
\$0.40	\$14.70	\$75.00	\$2.041
\$0.50	\$18.37	\$100.00	\$2.722
\$1.00	\$36.74	\$125.00	\$3.402
\$2.00	\$73.49	\$150.00	\$4.082
\$3.00	\$110.23	\$175.00	\$4.763
\$4.00	\$146.97	\$200.00	\$5.443
\$5.00	\$183.72	\$225.00	\$6.123
\$6.00	\$220.46	\$250.00	\$6.804
\$7.00	\$257.21	\$275.00	\$7.484
\$8.00	\$293.95	\$300.00	\$8.165
\$9.00	\$330.69	\$325.00	\$8.845
\$10.00	\$367.44	\$350.00	\$9.525

Price per bushel x 36.7437 = metric ton price

Metric ton price x .0272155 = price per bushel

Bushels to Metric Tons

250	7
500	14
750	20
1,000	27
2,000	54
3,000	82
4,000	109
5,000	136
10,000	272
20,000	544
30,000	816
40,000	1,089
50,000	1,361
100,000	2,722
200,000	5,443
300,000	8,165
400,000	10,886
500,000	13,608
1,000,000	27,216
2,000,000	54,431

Metric Tons to Bushels

25	919
50	1,837
75	2,756
100	3,674
200	7,349
300	11,023
400	14,697
500	18,372
1,000	36,744
2,000	73,487
3,000	110,231
4,000	146,975
5,000	183,719
10,000	367,437
20,000	734,874
30,000	1,102,311
40,000	1,469,748
50,000	1,837,185
55,000	2,020,904

Bushels x .0272155 = metric tons

Metric tons x 36.7437 = bushels

One bushel = 60 pounds

SM/ZM SOYBEAN MEAL

One Soybean Meal futures contract = 100 short tons
 Contract months: Oct, Dec, Jan, Mar, May, Jul, Aug, Sep

\$/Short Ton to \$/Metric Ton		\$/Metric Ton to \$/Short Ton	
\$0.10	\$0.11	\$0.50	\$0.45
\$0.20	\$0.22	\$1.00	\$0.91
\$0.30	\$0.33	\$2.00	\$1.81
\$0.40	\$0.44	\$3.00	\$2.72
\$0.50	\$0.55	\$4.00	\$3.63
\$1.00	\$1.10	\$5.00	\$4.54
\$2.00	\$2.20	\$10.00	\$9.07
\$3.00	\$3.31	\$20.00	\$18.14
\$4.00	\$4.41	\$30.00	\$27.22
\$5.00	\$5.51	\$40.00	\$36.29
\$10.00	\$11.02	\$50.00	\$45.36
\$50.00	\$55.12	\$100.00	\$90.72
\$100.00	\$110.23	\$125.00	\$113.40
\$120.00	\$132.28	\$150.00	\$136.08
\$140.00	\$154.32	\$175.00	\$158.76
\$160.00	\$176.37	\$200.00	\$181.44
\$180.00	\$198.42	\$225.00	\$204.12
\$200.00	\$220.46	\$250.00	\$226.80
\$220.00	\$242.51	\$275.00	\$249.48
\$240.00	\$264.55	\$300.00	\$272.16
\$260.00	\$286.60	\$325.00	\$294.84
\$280.00	\$308.65	\$350.00	\$317.51
\$300.00	\$330.69	\$375.00	\$340.19
		\$400.00	\$362.87

Price per short ton x 1.102311 = metric ton price

Metric ton price x .907185 = price per short ton

Short Tons to Metric Tons

25	23
50	45
75	68
100	91
200	181
300	272
400	363
500	454
1,000	907
2,000	1,814
3,000	2,722
4,000	3,629
5,000	4,536
10,000	9,072
20,000	18,144
30,000	27,216
40,000	36,287
50,000	45,359
100,000	90,719

Metric Tons to Short Tons

25	28
50	55
75	83
100	110
200	220
300	331
400	441
500	551
1,000	1,102
2,000	2,205
3,000	3,307
4,000	4,409
5,000	5,512
10,000	11,023
20,000	22,046
30,000	33,069
40,000	44,092
50,000	55,116
55,000	60,627

Short tons x .907185 = metric tons

Metric tons x 1.102311 = short tons

One short ton = 2,000 pounds

One metric ton = 2204.623 pounds

BO/ZL SOYBEAN OIL

One Soybean Oil futures contract = 60,000 pounds
 Contract months: Oct, Dec, Jan, Mar, May, Jul, Aug,
 Sep

\$/Pound to \$/Metric Ton		\$/Metric Ton to \$/Pound	
\$0.0001	\$0.22	\$0.50	\$0.000227
\$0.0002	\$0.44	\$1.00	\$0.000454
\$0.0003	\$0.66	\$2.00	\$0.000907
\$0.0004	\$0.88	\$3.00	\$0.001361
\$0.0005	\$1.10	\$4.00	\$0.001814
\$0.0010	\$2.20	\$5.00	\$0.002268
\$0.0020	\$4.41	\$10.00	\$0.004536
\$0.0030	\$6.61	\$20.00	\$0.009072
\$0.0040	\$8.82	\$30.00	\$0.013608
\$0.0050	\$11.02	\$40.00	\$0.018144
\$0.0100	\$22.05	\$50.00	\$0.022680
\$0.2000	\$440.92	\$100.00	\$0.045359
\$0.2100	\$462.97	\$200.00	\$0.090718
\$0.2200	\$485.02	\$300.00	\$0.136078
\$0.2300	\$507.06	\$400.00	\$0.181437
\$0.2400	\$529.11	\$500.00	\$0.226796
\$0.2500	\$551.16	\$600.00	\$0.272155
\$0.2600	\$573.20	\$700.00	\$0.317515
\$0.2700	\$595.25	\$800.00	\$0.362874
\$0.2800	\$617.29	\$900.00	\$0.408233
\$0.2900	\$639.34	\$1,000.00	\$0.453592
\$0.3000	\$661.39	\$1,100.00	\$0.498952

Price per pound x 2204.623 = metric ton price

Metric ton price x .0004536 = price per pound

Pounds to Metric Tons

2,000	0.9
5,000	2.3
10,000	4.5
20,000	9
30,000	14
40,000	18
50,000	23
100,000	45
200,000	91
300,000	136
400,000	181
500,000	227
1,000,000	454
2,000,000	907
3,000,000	1,361
4,000,000	1,814
5,000,000	2,268
10,000,000	4,536
20,000,000	9,072
30,000,000	13,608
40,000,000	18,144
50,000,000	22,680
100,000,000	45,360

Metric Tons to Pounds

10	22,046
20	44,092
30	66,139
40	88,185
50	110,231
100	220,462
200	440,925
300	661,387
400	881,849
500	1,102,312
1,000	2,204,623
2,000	4,409,246
3,000	6,613,869
4,000	8,818,492
5,000	11,023,115
10,000	22,046,230
20,000	44,092,460
30,000	66,138,690
40,000	88,184,920
50,000	110,231,150
100,000	220,462,300

Pounds x .0004536 = metric tons

Metric tons x 2204.623 = pounds

WHEAT

W/ZW CHICAGO SOFT RED WINTER

KW/KE KC HARD RED WINTER

One Wheat futures contract = 5,000 bushels

Contract months: Jul, Sep, Dec, Mar, May

\$/Bushel to \$/Metric Ton		\$/Metric Ton to \$/Bushel	
\$0.0025	\$0.09	\$0.50	\$0.014
\$0.0050	\$0.18	\$1.00	\$0.027
\$0.0075	\$0.28	\$2.00	\$0.054
\$0.01	\$0.37	\$3.00	\$0.082
\$0.02	\$0.73	\$4.00	\$0.109
\$0.03	\$1.10	\$5.00	\$0.136
\$0.04	\$1.47	\$10.00	\$0.272
\$0.05	\$1.84	\$20.00	\$0.544
\$0.10	\$3.67	\$30.00	\$0.816
\$0.20	\$7.35	\$40.00	\$1.089
\$0.30	\$11.02	\$50.00	\$1.361
\$0.40	\$14.70	\$75.00	\$2.041
\$0.50	\$18.37	\$100.00	\$2.722
\$1.00	\$36.74	\$125.00	\$3.402
\$2.00	\$73.49	\$150.00	\$4.082
\$3.00	\$110.23	\$175.00	\$4.763
\$4.00	\$146.97	\$200.00	\$5.443
\$5.00	\$183.72	\$225.00	\$6.123
\$6.00	\$220.46	\$250.00	\$6.804
\$7.00	\$257.21	\$275.00	\$7.484

Price per bushel x 36.7437 = metric ton price

Metric ton price x .0272155 = price per bushel

Bushels to Metric Tons

250	7
500	14
750	20
1,000	27
2,000	54
3,000	82
4,000	109
5,000	136
10,000	272
20,000	544
30,000	816
40,000	1,089
50,000	1,361
100,000	2,722
200,000	5,443
300,000	8,165
400,000	10,886
500,000	13,608
1,000,000	27,216
2,000,000	54,431

Metric Tons to Bushels

25	919
50	1,837
75	2,756
100	3,674
200	7,349
300	11,023
400	14,697
500	18,372
1,000	36,744
2,000	73,487
3,000	110,231
4,000	146,975
5,000	183,719
10,000	367,437
20,000	734,874
30,000	1,102,311
40,000	1,469,748
50,000	1,837,185
55,000	2,020,904

Bushels x .0272155 = metric tons

Metric tons x 36.7437 = bushels

One bushel = 60 pounds

BSW BLACK SEA WHEAT

One BSW Wheat futures contract = 136 Metric Tons
 Contract months: Jul, Sep, Dec, Mar, May

\$/Bushel to \$/Metric Ton		\$/Metric Ton to \$/Bushel	
\$0.0025	\$0.09	\$0.50	\$0.014
\$0.0050	\$0.18	\$1.00	\$0.027
\$0.0075	\$0.28	\$2.00	\$0.054
\$0.01	\$0.37	\$3.00	\$0.082
\$0.02	\$0.73	\$4.00	\$0.109
\$0.03	\$1.10	\$5.00	\$0.136
\$0.04	\$1.47	\$10.00	\$0.272
\$0.05	\$1.84	\$20.00	\$0.544
\$0.10	\$3.67	\$30.00	\$0.816
\$0.20	\$7.35	\$40.00	\$1.089
\$0.30	\$11.02	\$50.00	\$1.361
\$0.40	\$14.70	\$75.00	\$2.041
\$0.50	\$18.37	\$100.00	\$2.722
\$1.00	\$36.74	\$125.00	\$3.402
\$2.00	\$73.49	\$150.00	\$4.082
\$3.00	\$110.23	\$175.00	\$4.763
\$4.00	\$146.97	\$200.00	\$5.443
\$5.00	\$183.72	\$225.00	\$6.123
\$6.00	\$220.46	\$250.00	\$6.804
\$7.00	\$257.21	\$275.00	\$7.484

Price per bushel x 36.7437 = metric ton price

Metric ton price x .0272155 = price per bushel

Bushels to Metric Tons

250	7
500	14
750	20
1,000	27
2,000	54
3,000	82
4,000	109
5,000	136
10,000	272
20,000	544
30,000	816
40,000	1,089
50,000	1,361
100,000	2,722
200,000	5,443
300,000	8,165
400,000	10,886
500,000	13,608
1,000,000	27,216
2,000,000	54,431

Metric Tons to Bushels

25	919
50	1,837
75	2,756
100	3,674
200	7,349
300	11,023
400	14,697
500	18,372
1,000	36,744
2,000	73,487
3,000	110,231
4,000	146,975
5,000	183,719
10,000	367,437
20,000	734,874
30,000	1,102,311
40,000	1,469,748
50,000	1,837,185
55,000	2,020,904

Bushels x .0272155 = metric tons

Metric tons x 36.7437 = bushels

1 metric ton = 2204.62442 lbs.

CB CASH-SETTLED BUTTER

One Cash-settled Butter futures contract = 20,000 pounds
 Contract months: All calendar months

Pounds to Metric Tons

1,000	.454
10,000	4.54
20,000	9.08
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton
 Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price
 Price per metric ton x .00045 = price per pound

CSC CHEESE

One Cheese futures contract = 20,000 pounds

Contract months: All calendar months

Pounds to Metric Tons

1,000	.454
10,000	4.54
20,000	9.08
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

DA/DC CLASS III MILK

One Class III Milk futures contract = 200,000 pounds
 Contract months: All calendar months

Pounds to Metric Tons

1,000	.454
10,000	4.54
50,000	22.7
100,000	45.4
200,000	90.8

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

DK/GDK CLASS IV MILK

One Class IV Milk futures contract = 200,000 pounds
 Contract months: All calendar months

Pounds to Metric Tons

1,000	.454
10,000	4.54
44,000	19.98
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

DY DRY WHEY

One Dry Whey futures contract = 44,000 pounds

Contract months: All calendar months

Pounds to Metric Tons

1,000	.454
10,000	4.54
44,000	19.98
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

NF/GNF NONFAT DRY MILK

One Nonfat Dry Milk futures contract = 44,000 pounds
 Contract months: All calendar months

Pounds to Metric Tons

1,000	.454
10,000	4.54
44,000	19.98
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

LC/LE LIVE CATTLE

One Live Cattle futures contract =

40,000 pounds-live weight

Contract months: Feb, Apr, Jun, Aug, Oct, Dec

Pounds to Metric Tons

1,000	.454
10,000	4.54
40,000	18.2
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

FC/GF FEEDER CATTLE

One Feeder Cattle futures contract =

50,000 pounds-live weight

Contract months: Jan, Mar, Apr, May, Aug, Sep, Oct, Nov

Pounds to Metric Tons

1,000	.454
10,000	4.54
40,000	18.2
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

LH/HE LEAN HOG

One Lean Hog futures contract =

40,000 pounds-carcass weight

Contract months: Feb, Apr, May, Jun, Jul, Aug, Oct, Dec

Pounds to Metric Tons

1,000	.454
10,000	4.54
40,000	18.2
50,000	22.7
100,000	45.4

Metric Tons to Pounds

1	2,204.6
10	22,046
100	220,460
1,000	2,204,600
10,000	22,046,000

One pound x .000454 = metric ton

Metric ton x 2204.6 = pounds

\$/Pound to \$/Metric Ton

\$.00025	\$.55
\$.0010	\$2.20
\$.01	\$22.05
\$.10	\$220.46
\$1.00	\$2,204.60

\$/Metric Ton to \$/Pound

\$0.50	\$.00023
\$1.00	\$.00045
\$10	\$.0045
\$100	\$.045
\$1000	\$0.45

Price per pound x 2204.6 = metric ton price

Price per metric ton x .00045 = price per pound

LB RANDOM LENGTH LUMBER

One Random Length Lumber futures contract =
110,000 board feet-nominal (110 mbf)

Contract months: Jan, Mar, May, Jul, Sep, Nov

1,000 Board Feet (mbf)	To Cubic Meters	Cubic Meters	To 1,000 Board Feet
1,000	2.36	1	.424
10,000	23.6	10	4.24
100,000	236	100	42.4
110,000	259.6	1,000	424

1,000 board feet = 1 mbf

Mbf x 2.36 = cubic meter-nominal

Cubic meter x .424 = mbf-nominal

\$/1,000 Board Feet	To \$/Cubic Meter	\$/Cubic Meter	To \$/1,000 Board Feet
\$.10	\$.04	\$.10	\$.24
\$1.00	\$.42	\$1.00	\$2.36
\$10.00	\$42.40	\$10.00	\$23.60
\$100.00	\$424.00	\$100.00	\$236.00

1,000 board feet = 1 mbf

Price per mbf x .424 = price per cubic meter-nominal

Price per cubic meter x 2.36 = price per mbf-nominal

UFN UREA-US GULF

One Urea-US Gulf cleared swap contract =

100 short tons

Contract months: all calendar months

Short Tons to Metric Tons

100	90.7194
1.000	907.1940

Metric Tons to Short Tons

100	110.2300
1000	1102.3000

One short ton x .907194 = metric ton

Metric ton x 1.102300 = short ton

\$/Short Ton to \$/Metric Ton

\$.25	\$0.275575
\$.50	\$0.551150
\$.75	\$0.826725
\$1.00	\$1.102300

\$/Metric Ton to \$/Short Ton

\$0.25	\$0.226799
\$0.50	\$0.453597
\$0.75	\$0.680396
\$1.00	\$0.907194

Price per short ton x 1.102300 = metric ton price

Price per metric ton x .907194 = price per short ton

UFG UREA-EGYPT

One Urea-Egypt cleared swap contract =

100 metric tons

Contract months: all calendar months

Short Tons to Metric Tons

100	90.7194
1.000	907.1940

Metric Tons to Short Tons

100	110.2300
1000	1102.3000

One short ton x .907194 = metric ton

Metric ton x 1.102300 = short ton

\$/Short Ton to \$/Metric Ton

\$.25	\$0.275575
\$.50	\$0.551150
\$.75	\$0.826725
\$1.00	\$1.102300

\$/Metric Ton to \$/Short Ton

\$0.25	\$0.226799
\$0.50	\$0.453597
\$0.75	\$0.680396
\$1.00	\$0.907194

Price per short ton x 1.102300 = metric ton price

Price per metric ton x .907194 = price per short ton

UFZ UREA-YUZHNY

One Urea-Yuzhny cleared swap contract =

100 metric tons

Contract months: all calendar months

Short Tons to Metric Tons

100	90.7194
1.000	907.1940

Metric Tons to Short Tons

100	110.2300
1000	1102.3000

One short ton x .907194 = metric ton

Metric ton x 1.102300 = short ton

\$/Short Ton to \$/Metric Ton

\$.25	\$.275575
\$.50	\$.551150
\$.75	\$.826725
\$1.00	\$1.102300

\$/Metric Ton to \$/Short Ton

\$0.25	\$0.226799
\$0.50	\$0.453597
\$0.75	\$0.680396
\$1.00	\$0.907194

Price per short ton x 1.102300 = metric ton price

Price per metric ton x .907194 = price per short ton

UFU UAN-NOLA

One UAN-NOLA cleared swap contract =
100 short tons

Contract months: all calendar months

Short Tons to Metric Tons

100	90.7194
1.000	907.1940

Metric Tons to Short Tons

100	110.2300
1000	1102.3000

One short ton x .907194 = metric ton

Metric ton x 1.102300 = short ton

\$/Short Ton to \$/Metric Ton

\$.25	\$0.275575
\$.50	\$0.551150
\$.75	\$0.826725
\$1.00	\$1.102300

\$/Metric Ton to \$/Short Ton

\$0.25	\$0.226799
\$0.50	\$0.453597
\$0.75	\$0.680396
\$1.00	\$0.907194

Price per short ton x 1.102300 = metric ton price

Price per metric ton x .907194 = price per short ton

DFT DAP-TAMPA

One DAP-Tampa cleared swap contract =

100 metric tons

Contract months: all calendar months

Short Tons to Metric Tons

100	90.7194
1.000	907.1940

Metric Tons to Short Tons

100	110.2300
1000	1102.3000

One short ton x .907194 = metric ton

Metric ton x 1.102300 = short ton

\$/Short Ton to \$/Metric Ton

\$.25	\$0.275575
\$.50	\$0.551150
\$.75	\$0.826725
\$1.00	\$1.102300

\$/Metric Ton to \$/Short Ton

\$0.25	\$0.226799
\$0.50	\$0.453597
\$0.75	\$0.680396
\$1.00	\$0.907194

Price per short ton x 1.102300 = metric ton price

Price per metric ton x .907194 = price per short ton

DFL DAP-NOLA

One DAP-NOLA cleared swap contract =

100 short tons

Contract months: all calendar months

Short Tons to Metric Tons

100	90.7194
1.000	907.1940

Metric Tons to Short Tons

100	110.2300
1000	1102.3000

One short ton x .907194 = metric ton

Metric ton x 1.102300 = short ton

\$/Short Ton to \$/Metric Ton

\$.25	\$0.275575
\$.50	\$0.551150
\$.75	\$0.826725
\$1.00	\$1.102300

\$/Metric Ton to \$/Short Ton

\$0.25	\$0.226799
\$0.50	\$0.453597
\$0.75	\$0.680396
\$1.00	\$0.907194

Price per short ton x 1.102300 = metric ton price

Price per metric ton x .907194 = price per short ton

GLOBAL TIME ZONES

City	Hours Difference to Central Time
Chicago	0
Mexico City	0
San Francisco	-2
New York	+1
Buenos Aires	+3
São Paulo	+4
London	+6
Frankfurt/Paris/Rotterdam	+7
Moscow	+9
Mumbai/New Delhi	+11.5
Beijing/Hong Kong/Shanghai Singapore/Taipei	+14
Seoul/Tokyo	+15
Sydney	+17

Based on Central Time (CT). U.S. trading hours remain the same during daylight-saving time (the second Sunday in March until the first Sunday in November).

For the most current CME Group trading hours, visit cmegroup.com/tradinghours.

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