

Area Measures	Equivalent
1 square foot	144 sq. inches
1 square yard	9 sq. feet
1 square rod	272.25 sq. feet 30.25 sq. yards
1 acre	43,560 sq. feet 4,840 sq. yards 160 sq. rods
1 square mile	640 sq. acres

Liquid Measure	Equivalent
1 tablespoon	3 teaspoons
1 fluid ounce	2 tablespoons
1 cup	8 fluid ounces
1 pint	16 fluid ounces
1 quart	2 pints 32 fluid ounces
1 gallon	4 quarts 8 pints 128 fluid ounces
1 acre foot	325,851.45 gallons

Weight Measure	Equivalent
1 pound	16 ounces
1 hundred weight	100 pounds
1 ton	2,000 pounds

Volume Measure	Equivalent
1 cubic foot	1,728 cubic inches 7.48 gallons
1 cubic yard	27 cubic foot
1 cubic yard of water	62.5 pounds

### Nitrogen Application Chart

% Nitrogen	Pounds for 1 lb/1000 sq ft	Pounds for 1 lb/1000 sq ft
6%	16.7	727
8%	12.5	545
10%	10.0	436
12%	8.3	362
13%	7.7	335
16%	6.3	274
18%	5.6	244
20%	5.0	218
22%	4.5	196
24%	4.2	183
26%	3.8	166
28%	3.6	157
30%	3.3	144
32%	3.1	135
34%	2.9	126
36%	2.8	122
37%	2.7	118
42%	2.4	105
46%	2.2	96

Conversion Factors		
To convert from	To...	Multiply By
Cubic feet	Gallons	7.48
Cubic feet	Liters	28.3
Gallons	Milliliters	3785
Grams	Pounds	.0022
Grams/liter	Part/million	1000
Grams/liter	Pounds/gallon	.00834
Liters	Cubic feet	.0353
Milligrams/liter	Parts/million	1
Milliliters	Gallons	.0026
Ounces	Grams	28.35
Parts/million	Grams/liter	.0001
Pounds	Grams	453.59
Pound/gallon	Grams/liter	111.83

Application Rate	Equivalent
1 oz per sq ft	2,722.5 lbs per acre
1 oz per sq yard	302.5 lbs per acre
1 oz per 100 sq ft	27.2 lbs per acre
1 lb per 100 sq ft	435.6 lbs per acre
1 lb per 1,000 sq ft	43.6 lbs per acre
1 gal per acre	1/3 oz per 1,000 sq ft
5 gal per acre	16 oz per 1,000 sq ft
1 gal per acre	2.5 gal per 1,000 sq ft 1 qt per 100 sq ft
100 lb per acre	2.5 lbs per 1,000 sq ft

Dry Materials		
# Rate/Acre	Rate/1000 sq ft	Rate/100 sq ft
1	2-1/2 tspns	1/4 tspns
3	2-1/4 tbsps	3/4 tspn
4	3 tbsps	1 tspn
5	4 tbsps	1-1/4 tspns
10	1/2 cup	2 tspns
100	2-1/4 lbs	1/4 lb
200	4-1/2 lbs	1/2 lb
300	6-3/4 lbs	3/4 lb
400	9 lbs	1 lb
500	11-1/4 lbs	1-1/4 lb

Liquids		
Rate/Acre	Rate/1000 sq ft	Rate/100 sq ft
1 pt	3/4 tbspn	1/4 tspn
1 qt	1-1/2 tbspns	1/2 tspn
1 gal	6 tbsps	2 tspns
25 gals	4-1/2 pts	1 cup
50 gals	4-1/2 qts	1 pt
100 gals	9 qts	1 qt
200 gals	4-1/2 qts	2 qts
300 gals	6-3/4 gals	3 qts
400 gals	9 gals	1 gal
500 gals	11-1/4 gals	1-1/4 gal