

## Appendix

### Weights, Measures, and Calculations for Lawn Care

Coverage in Square Feet	Square Feet	Inches Deep
1 cubic yard	1,944	1/8 inch
1 cubic yard	1,296	1/4 inch
1 cubic yard	648	1/2 inch
1 cubic yard	324	1 inch
1 cubic yard	162	2 inches
1 cubic yard	108	3 inches
1 cubic yard	81	4 inches
1 cubic yard	54	6 inches
1 cubic yard	40	8 inches
1 cubic yard	27	12 inches

#### Dry Measure:

2 pints = 1 quart (qt.)
(= 67.2006 cubic inches)
8 quarts = 1 peck (pk.)
(= 637.605 cubic inches or 16 pints)
4 pecks = 1 bushel (bu.)
(= 2550.4 cubic inches or 32 quarts)
1 (short) ton = 2,000 pound (lbs.)
1 (long) ton = 2,240 pounds (lbs.)

#### Liquid Measure:

Teaspoons (tsp.)
3 tsp. = 1 Tbs.
Tablespoons (Tbs.)
2 Tbs. = 1/8 cup or 1 fluid ounces (fl. oz.)
4 Tbs. = 1/4 cup or 1 fl. oz.
8 Tbs. = 1/2 cup or 1/4 pint
16 Tbs. = 1 cup or 1/2 pint
Cups, pints, quarts
2 cups = 1 pint or 16 fl. oz.
2 pints = 1 quart
4 quarts = 1 gallon

#### Watering Your Lawn:

To cover 1,000 square feet with an inch of water takes 625 gallons
One gallon per minute (gpm) = 1,440 gallons per day
10.4 gallons per minute applies one inch of water over 1,000 square feet every hour
Gallons/minutes $\times$ 8.03 = cubic feet per hour
One gallon of water weighs 8.34 pounds

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#### Linear Measure:

12 inches = 1 foot
3 feet = 1 yard
5,280 feet = 1,760 yards or 1 mile

#### Area Measure:

144 square inches = 1 square foot
9 square feet = 1 square yard or 1,296 square inches
1 acre = 43,560 square feet or 4,840 square yards
640 acres = 1 square mile

#### Cubic Measure:

Square feet times inches deep divided by 324 = cubic yards

1,728 cubic inches = 1 cubic foot	7.48 gallons = cubic foot
27 cubic feet = 1 cubic yard	2,150.42 cubic inches = 1 standard bushel
1 bushel = 1.25 cubic feet	231 cubic inches = 1 standard gallon (liquid)
1 cubic foot = 0.8 bushel	1 cubic foot = 7.48 gallons

#### Spreading bulk material like mulch or soil:

	3 Cubic Foot Bag	2 Cubic Foot Bag	1 Cubic Foot Bag
1/2 inch deep	covers 72 square feet	covers 48 square feet	covers 24 square feet
1 inch deep	covers 36 square feet	covers 24 square feet	covers 12 square feet
2 inches deep	covers 18 square feet	covers 12 square feet	covers 6 square feet
3 inches deep	covers 12 square feet	covers 8 square feet	covers 3 square feet

#### 3 Cubic Foot Bag

Depth of Product	100 Square Feet	1,000 Square Feet
2 inches	6 bags	60 bags
3 inches	9 bags	90 bags
4 inches	11 bags	110 bags

#### 2 Cubic Foot Bag

Depth of Product	100 Square Feet	1,000 Square Feet
2 inches	8 bags	80 bags
3 inches	12 bags	120 bags
4 inches	15 bags	150 bags