

## Conversion Factors

Weights	Temperature
1 U.S. ton = 2,000 lb = 0.97 metric ton	Celsius = $5/9*(F-32)$
1 pound = 16 ounces = 453.4 grams = 0.4534 kilogram	Fahrenheit = $(9/5*C) + 32$
1 ounce = 20.35 grams	Kelvin = Celsius + 273.16;

Speed	Length
1 miles/hour = 5,280 feet/hour = 88 feet/minute = 1.467 feet/second	1 mile = 5,280 feet = 1.61 kilometers
1 meter/second = 196.85 feet/minute = 2.24 miles/hour	1 yard = 3 feet = 36 inches = 91.44 centimeters = 0.9144 meters
1 meter/second = 1.942 knots	1 foot = 12 inches = 30.48 centimeters = 0.3048 meters

Area	Liquid Measure
1 square mile = 640 acres	1 tablespoon = 3 teaspoons = 0.5 fluid ounces
1 acre = 43,560 square feet	1 fluid ounce = 2 tablespoons
1 acre = 0.405 hectare	1 cup = $\frac{1}{2}$ pint = 8 fluid ounces = 16 tablespoons
1 hectare = 2.471 acres	1 pint = 2 cups = 32 tablespoons
1 hectare = 10,000 square meters	1 gallon = 4 quarts = 8 pints = 16 cups = 8.4 pounds of water = 231 cubic inches
1 square yard = 9 square feet = 0.836 square meters	1 gallon = 128 fluid ounces = 3.785 liters = 3,785 milliliters = 3,785 cubic centimeters
1 square foot = 144 square inches = 0.09 square meters	1 quart = 2 pints = 4 cups = 32 fluid ounces = 0.946 liters = 946 milliliters
1 square centimeter = 0.155 square inch	1 pint = 2 cups = 16 fluid ounces = 0.473 liters = 473 milliliters
Number of acres = $[(\text{Length in feet}) * (\text{Width in feet})] / 43,560$	1 cup = 8 fluid ounces = 0.24 liters = 240 milliliters
1 acre = 13,068 feet of 40-inch rows	1 tablespoon = 0.166 ounces = 4.92 milliliters
1 acre = 13,754 feet of 38-inch rows	1 milliliter = 0.0338 fluid ounces
1 acre = 14,520 feet of 36-inch rows	
1 acre = 17,424 feet of 30-inch rows	
1 acre = 34,848 feet of 15-inch rows	
1 acre = 69,696 feet of 7.5-inch rows	