

Row Length/Acre

Row Spacing	Total Length
12 inches	14,520 yards = 43,560 feet
20 inches	8,712 yards = 26,136 feet
24 inches	7,260 yards = 21,780 feet
30 inches	5,808 yards = 17,424 feet
36 inches	4,840 yards = 14,520 feet
40 inches	4,356 yards = 13,069 feet
42 inches	4,149 yards = 12,446 feet

Mass and Weight

Unit	Number of Grams	Approximate U.S. Equivalent
Metric ton	1,000,000	1.1 tons
Quintal	100,000	220.46 pounds
Kilogram	1,000	2.2046 pounds
Hectogram	100	3.527 ounces
Decagram	10	0.353 ounce
Gram	1	0.035 ounce
Decigram	0.10	1.543 grains
Centigram	0.01	0.154 grain
Milligram	0.001	0.015 grain

Metric System - Length

Unit	Number of Meters	Approximate U.S. Equivalent
Myriameter	10,000	6.2 miles
Kilometer	1,000	0.62 miles
Hectometer	100	109.36 yards
Decameter	10	32.81 feet
Meter	1	39.37 inches
Decimeter	0.1	3.94 inches
Centimeter	0.01	0.39 inch
Millimeter	0.001	0.04 inch

Metric system - Area

Unit	Number of Square Meters	Approximate U.S. Equivalent
Square kilometer	1,000,000	0.3861 square mile
Hectare	10,000	2.4700 acres
Are	100	119.6000 square yards
Centare	1	10.7600 square feet
Square centimeter	0.0001	0.15500 square inch

Metric System - Volume

Unit	Number of Cubic Meters	Approximate U.S. Equivalent
Decastere	10	13.100 cubic yards
Stere	1	1.310 cubic yards
Decistere	0.10	3.530 cubic feet
Cubic centimeter	0.000001	0.061 cubic inch

Metric System - Capacity

Unit	Number of Liters	Approximate U.S. Equivalent		
		Cubic	Dry	Liquid
Kiloliter	1,000	1.31 cubic yards		
Hectoliter	100	3.53 cubic feet	2.84 bushels	
Decaliter	10	0.35 cubic feet	1.14 pecks	2.64 gallons
Liter	1	61.02 cubic inches	0.908 quart	1.057 quarts
Deciliter	0.10	6.10 cubic inches	0.18 pint	0.210 pint
Centiliter	0.01	0.60 cubic inches		0.338 fluid ounce
Milliliter	0.001	0.06 cubic inch		0.27 fluid dram

Energy Values

One horse power = 746 watts	=	force required to raise 33,000 lbs one ft per min
British thermal unit (BTU)	=	252 calories
Calorie	=	the amount of heat needed to raise the temperature of one gram of water, one degree centigrade
One watt	=	the power developed in a circuit by a current one ampere flowing through a potential difference of one volt - 1/746 horse power