Appendix A

CONVENIENT CONVERSION FACTORS

MULTIPLY	BY	TO GET
Acres	43,560	Square Feet
	4,840	Square Yards
Bushels	2,150.42	Cubic Inches
	4	Pecks
	64	Pints
	32	Quarts
Centimeters	0.3937	Inches
	0.01	Meters
	10	Millimeters
Cubic Feet	1,728	Cubic Inches
	0.03704	Cubic Yards
	7.4805	Gallons
	59.84	Pints (liquid)
	29.92	Quarts (liquid)
Cubic Inches	16.39	Cubic centimeters
Cubic Meters	1,000,000	Cubic centimeters
	35.31	Cubic Feet
	61,023	Cubic Inches
	1,308	Cubic Yards
	264.2	Gallons
	2,113	Pints (liquid)
	1,057	Quarts (liquid)
Cubic Yards	27	Cubic Feet
	46,656	Cubic Inches
	0.7646	Cubic Meters
	202	Gallons
	1,616	Pints (liquid)
	807.9	Quarts (liquid)
Feet	30.48	Centimeters
	12	Inches
	3.048	Meters
	1/3 or 0.33333	Yards
Feet / minute	0.01667	Feet per second
	0.01136	Miles per hour
Gallons	3,785	Cubic Cm
	0.1337	Cubic Feet
	231	Cubic Inches
	128	Ounces (liquid)
	8	Pints (liquid)
	4	Quarts (liquid)
	8.3453	Pounds of Water
Grains	0.0648	Grams
Grams	15.43	Grains
	0.001	Kilograms
	1,000	Milligrams

	0.0353	Ounces
Grams / liter	1,000	Parts per Million
Inches	2.54	Centimeters
	0.08333	Feet
	0.02778	Yards
Kilograms	1,000	Grams
	2,205	Pounds
Kilometers	3,281	Feet
	1,000	Meters
	0.6214	Miles
	1,094	Yards
Liters	1,000	Cubic Centimeters
	0.0353	Cubic Feet
	61.02	Cubic Inches
	0.0001	Cubic Meters
	0.2642	Gallons
	2.113	Pints (liquid)
	1.057	Quarts (liquid)
Meters	100	Centimeters
	3.281	Feet
	39.37	Inches
	0.001	Kilometers
	1,000	Millimeters
	1,094	Yards
Miles	5,280	Feet
	320	Rods
	1,760	Yards
Miles per Hour	88	Feet per Minute
	1,467	Feet per Second
Miles / Minute	88	Feet per Second
	60	Miles per Hour
Ounces (dry)	437.5	Grains
	28.3495	Grams
	0.0625	Pounds
Ounces (liquid)	1.805	Cubic Inches
	0.0078125	Gallons
	29.573	Milliliters (cubic centimeters)
	0.0625	Pints (liquid)
	0.03125	Quarts (liquid)
Parts / Million	0.0584	Grains per U.S. Gallon
	0.001	Grams per liter
	8.345	Pounds per million gallons
Pecks	0.25	Bushels
	537.605	Cubic inches
	16	Pints (dry)
	8	Quarts (dry)
Pints (dry)	0.015625	Bushels
	33.6003	Cubic inches
	0.0625	Pecks
	0.5	Quarts (dry)
Pints (liquid)	28.875	Cubic inches
	0.125	Gallons
	0.4732	Liters

	16	Ounces (liquid)
	0.5	Quarts (liquid)
Pounds	7,000	Grains
	453.5924	Grams
	16	Ounces
	0.0005	Tons
Pounds of Water	0.01602	Cubic Feet
	27.68	Cubic Inches
	0.1198	Gallons
Quarts (dry)	0.03125	Bushels
	67.20	Cubic inches
	0.125	Pecks
	2	Pints (dry)
Quarts (liquid)	57.75	Cubic Inches
	0.25	Gallons
	0.9463	Liters
	32	Ounces (liquid)
	2	Pints (liquid)
Rods	16.5	Feet
Square Feet	144	Square inches
	0.11111	Square yards
Square Inches	0.00694	Square feet
Square Miles	640	Acres
	28,878,400	Square feet
	3,097,600	Square yards
Square Yards	0.0002066	Acres
	9	Square Feet
	1,296	Square Inches
Temperature (°C)+17.98	1.8	Temperature, °F
Temperature (°F)-32	5/9 or 0.5555	Temperature, °C
Ton	907.1849	Kilograms
	32,000	Ounces
	2,000	Pounds
Yards	3	Feet
	36	Inches
	0.9144	Meters
	0.000568	Miles

TABLE OF EQUIVALENTS FOR LIQUID MEASURE (VOLUME)

(For equivalent amounts, read horizontally in either direction on any given line)

Gallons	Quarts	Pints	Fluid Ounces	Cups	Tablespoons	Teaspoons	Milliliters	Liters
1	4	8	128	16	256	768	3785	3.785
	1	2	32	4	64	192	946	.946
		1	16	2	32	96	473	.473
				1/8	2	6	29.6	.030
					16	48	235	.236
					1	3	15	.015
						1	5	.005
							1	.001

CONVERSION TABLE
For Smaller Areas

LIQUID MATERIALS

RATE PER ACRE	RATE PER 1,000 SQ. FEET	RATE PER 100 SQ. FEET
1 pt.	3/4 tbsp.	1/4 tsp.
1 qt.	1-1/2 tbsp.	1/2 tsp.
1 gal.	6 tbsp.	2 tsp.
25 gal.	4-1/2 pts.	1 cup
50 gal.	4-1/2 qts.	1 pt.
75 gal.	6-1/2 qts.	1-1/2 pts.
100 gal.	9 qts.	1 qt.

DRY MATERIALS

1 lb.	2-1/2 tsp.	1/4 tsp.
3 lbs.	2-1/4 tbsp.	3/4 tsp.
4 lbs.	3 tbsp.	1 tsp.
5 lbs.	4 tbsp.	1-1/4 tsp.
6 lbs.	4-1/2 tbsp.	1-1/2 tsp.
8 lbs.	2/5 cup	1-3/4 tsp.
10 lbs.	1/2 cup	2 tsp.
100 lbs.	2-1/4 lbs.	1/4 lb.
125 lbs.	2-3/4 lbs.	1/3 lb.
150 lbs.	3-1/2 lbs.	1/3 lb.
175 lbs.	4 lbs.	2/5 lb.
200 lbs.	4-1/2 lbs.	1/2 lb.
225 lbs.	5 lbs.	1/2 lb.
250 lbs.	5-3/4 lbs.	3/5 lb.
275 lbs.	6-1/4 lbs.	3/5 lb.
300 lbs.	7 lbs.	3/4 lb.