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2015 Chartbook: Measures and Conversions

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### MEASURES AND CONVERSION CHART 2015

Prepared by Hilary A. Sandler

#### Liquid Measures
- 1 oz = 2 tablespoons = 6 teaspoons = 29.6 ml
- 1 cup = 8 oz
- 1 pint = 2 cups = 16 oz
- 1 quart = 2 pints = 4 cups = 32 oz
- 1 gallon = 4 quarts = 8 pints = 16 cups = 128 oz
- 1 cup = 237 ml
- 1 pint = 473 ml = 0.473 liters
- 1 quart = 946 ml = 0.946 liters
- 1 gallon = 3.78 liters = 3,785 ml
- 1 acre-foot water = 326,000 gallons
- 0.1 inch water per acre = 2717 gallons

#### Length and Area Conversions
- 1 acre = 43,560 sq. ft = 0.405 hectares
- 1 hectare = 2.47 acres
- 1 meter = 1.09 yards = 3.28 feet = 39.4 inches
- 1 yard = 3 feet = 36 inches = 0.914 meters
- 1 cm = 0.39 inches
- 1 inch = 2.54 cm
- 1 rod = 16.5 ft
- 1 sq. rod = 272.2 sq. ft
- 1 square meter = 10.76 square feet
- 1 cubic meter = 35.29 cubic feet = 1.30 cubic yards
- 1 inch layer of sand per acre = 134 cubic yards

#### Mass Conversions
- 1 oz = 28.4 grams
- 1 lb = 454 g = 0.454 kg
- 1 kg = 2.2 lb = 35.2 oz

#### Other Conversions
- pt/A * 0.473 = liters/A
- pt/A * 1.167 = liters/ha
- lb/A * 0.454 = kg/A
- lb/A * 1.12 = kg/ha
- gal/A * 3.78 = liter/A
- gal/A * 9.33 = liter/ha
- ton/A * 2,245 = kg/ha
- bbl/A * 0.112 = Mg/ha
- g/ft² * 0.958 = bbl/A

#### Temperature Conversions
- °F = (9/5 °C) + 32 (guesstimate: double °C, add 30)
- °C = 5/9 (°F-32)