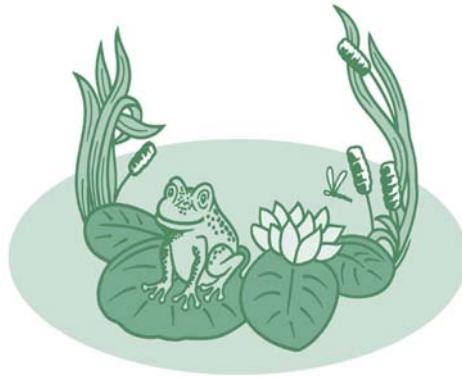


Woodlands Nurseries

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CONVERSION AND MEASUREMENT GUIDE

Area

Multiply by

| | | |
|---------------------------------------|------|--------------------------------------|
| Square centimetres (cm ²) | 0.16 | Square inches (sq in) |
| Square metres (m ²) | 1.2 | Square yards (sq yd) |
| Square Kilometres (km ²) | 0.4 | Square miles (sq mi) |
| Hectares (ha) | 2.5 | Acres |
| Square inches (sq in) | 6.5 | Square Centimetres |
| Square feet (sq ft) | 0.09 | Square metres (m ²) |
| Square yards (sq yd) | 0.8 | Square metres (m ²) |
| Square miles (sq mi) | 1.2 | Square Kilometres (km ²) |
| Acres | 0.4 | Hectares (ha) |
| Area of circle | | Radius x Radius x 3.14 |

Mass (weight)

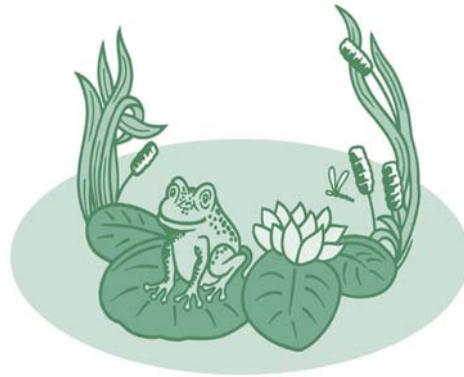
| | | |
|----------------|-------|----------------|
| Grams (g) | 0.035 | Ounces (oz) |
| Kilograms (kg) | 2.2 | Pounds (lb) |
| Ounces (oz) | 28 | Grams (g) |
| Pounds (lb) | 0.45 | Kilograms (kg) |

Volume

| | | |
|---------------------------------|---------|------------------------|
| Millilitres (ml) | 0.03 | Fluid ounces (fl oz) |
| Litres (l) | 2.1 | Pints (pt) |
| Litres (l) | 1.06 | Quarts (qt) |
| Litres (l) | 0.26 | U S gallons (gal) |
| Litres (l) | 0.22 | Imperial gallons (gal) |
| Cubic Centimetres (cc) | 16. 387 | Cubic inches (cu in) |
| Cubic metres (cm ³) | 35 | Cubic feet (cu ft) |
| Cubic metres (cm ³) | 1.3 | Cubic yards (cu yd) |
| Teaspoon (tsp) | 5 | Millimetres (ml) |
| Tablespoons (tbsp) | 15 | Millimetres (ml) |
| Fluid ounces (fl oz) | 30 | Millimetres (ml) |
| Cups © | 0.24 | Litres (l) |
| Pints (pt) | 0.47 | Litres (l) |
| Quarts (qt) | 0.95 | Litres (l) |

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Multiply by

| | | |
|---------------------------------|--------|-------------------------------------|
| U S gallons (gal) | 3.8 | Litres (l) |
| U S gallons (gal) | 231 | Cubic inches (cu in) |
| Imperial gallons (gal) | 4.5 | Litres (l) |
| Imperial gallons (gal) | 277.42 | Cubic inches (cu in) |
| Cubic inches (cu in) | 0.061 | Cubic Centimetres (cc) |
| Cubic feet (cu ft) | 0.028 | Cubic metres (cm 3) |
| Cubic yards (cu yd) | 0.76 | Cubic metres (cm 3) |
| Volume of a barrel | | Diameter x diameter x .7854 x depth |
| = cu (whatever you measured in) | | |

Temperature

| | | |
|-----------------|--------------------------------|-----------------|
| Celsius (°C) | Multiply by 1.8 add 32 | Fahrenheit (°F) |
| Fahrenheit (°F) | Subtract 32, multiply by 0.555 | Celsius (°C) |

Calculate the size of an irregular pond

Av. Length (m) x Av. Width (m) x Av. Depth = m³
Av. Length (ft) x Av. Width (ft) x Av. Depth = ft³

Convert to Litres/Gallons

m³ x 1000 = Litres
ft³ x 6.23 = gallons

Calculate the volume of a rectangular or square pond

Length (m) x Width (m) x Depth (m) x 1000 = Litres
Length (ft) x Width (ft) x Depth (ft) x 6.23 = gallons

Amount of water in a pipe

| | Gallons per foot | Litres per metre |
|-----------|------------------|------------------|
| ½" pipe | 0.0085 | .1262 |
| ¾" pipe | 0.0191 | .2836 |
| 1" pipe | 0.0340 | .5049 |
| 1 ¼" pipe | 0.0531 | .7885 |
| 1 ½" pipe | 0.3056 | 4.538 |
| 2" pipe | 0.5434 | 8.069 |

Calculation for pond liner

Dig the hole with outward slant of 15 – 20 deg 2"-3" outwards for every 9" depth.
Allowance for shelves 9" deep 12" wide

(Length + twice the maximum depth) x (width + twice the maximum depth)

No allowance is made for overlap, as the saving in the sloping sides becomes the waste. Vertical sided pools or special edging is measured differently.