

SOME USEFUL CONVERSION DATA

(Conversions have been rounded off to 3 decimal points max.)

AREA

1sq. mile = 2.59km² = 640 acres = 259 ha

1km² = 100 ha = 247.1 acres

1 acre = 0.405 ha = 4047m²

eg. To convert acres to ha multiply number of acres by 0.405

To convert ha to acres multiply number of ha by 2.471

LENGTH

1 mile = 1.608km

1 km = 0.621 mile = approx. 5/8 mile

1 metre = 1.094 yards = 100cm = 1000mm

1 foot = 0.305m = 30.5cm = 305mm

1 inch = 2.54cm = 25.4mm

e.g. To convert miles to km multiply number of miles by 1.607

To convert km to miles multiply number of km by 0.621

VOLUME (SPACE)

1 cubic metre (m³) = 1000 l = 1.308 cu. yards = 35.31 cu. ft

1 cy. yard = 0.765m³ = 765 l

e.g. To convert m³ to cubic yards multiply number of m³ by 1.308

To convert cu. yards to m³ multiply number of cu. yards by 0.765

WEIGHT (MASS)

1 ton (2240 lbs) = 1.016 tonnes

1 tonne = 1000 kg = 0.984 ton

1 lb = 0.454 kg

1 kg = 1000g = 2.205 lb

1 oz = 28.35kg

e.g. To convert lbs to kg multiply number of lbs by 0.454

To convert kg to lbs multiply number of kgs by 2.205

VOLUME (LIQUID)

1 gl = 4.546 l = 4,556ml

1 pt = 586 ml = 0.568 l

1 / = 1000ml = 1.760 pints = 0.220 gl

1 fl. Oz = 28.413ml

e.g. To convert gallons to litres multiply gallons by 4.546

To convert litres to gallons multiply litres by 0.220

PRESSURE

1 lb/sq. in. = 6.895 kPa

e.g. To convert kPa to lbs./sq.in. divide number of kPa by 6.895

TEMPERATURE

To convert °F to °C multiply by 5/9 (°F-32)

e.g. 80°F = 5/9 x (80-32) = $\frac{5 \times 48}{9}$ = 27°C

MASS AND VOLUME PER UNIT AREA

lbs/acres x 1.121 = kg/ha

gl/acre x 11.234 = l/ha

SOME METRIC SYMBOLS

ha = hectare; km² = square kilometre;

m² = square metre; km = kilometre;

m = metre; cm = centimetre; mm =

millimetre; kg = kilogram; g = gram;

mg = milligram; l = litre; ml = millilitre;

m³ = cubic metre; kPa = kilopascal;

°C - degree Celsius; °F = degree Fahrenheit.