

APPENDIX G

CONVERSION TABLES

CONVERSIONS OF GUIDELINES NUMBERS

Metric unit	Symbol	Imperial units approximation
FLOWS		
1000 litres	1000 l	220 imperial gallons
1500 litres	1500 l	330 imperial gallons
LOT AREA		
2700 square metres	2700 m ²	29052 square feet
3150 square metres	3150 m ²	33894 square feet
3716 square metres	3716 m ²	39984 square feet
4500 square metres	4500 m ²	48420 square feet
6800 square metres	6800 m ²	73168 square feet
9000 square metres	9000 m ²	96840 square feet
DEPTH OF PERMEABLE SOIL		
150 millimetres	150 mm	5.9 inches
300 millimetres	300 mm	11.81 inches
600 millimetres	600 mm	23.62 inches
900 millimetres	900 mm	35.43 inches
CLEARANCE DISTANCES		
1 metre	1 m	3.281 feet
1.5 metres	1.5 m	4.92 feet
3 metres	3 m	9.84 feet
5 metres	5 m	16.41 feet
6 metres	6 m	19.69 feet
6.1 metres	6.1 m	20.01 feet
8 metres	8 m	26.25 feet

April, 2009

G-2

9 metres	9 m	29.53 feet
12 metres	12 m	39.37 feet
12.1 metres	12.1 m	39.70 feet
12.5 metres	12.5 m	41.01 feet
15 metres	15 m	49.22 feet
15.2 metres	15.2 m	49.87 feet
23 metres	23 m	75.46 feet
30.5 metres	30.5 m	100.07 feet
100 metres	100 m	328.1 feet
MINIMUM SYSTEM LENGTH		
15 metres	15 m	49.22 feet
25 metres	25 m	82.03 feet
33 metres	33 m	108.27 feet

UNITS CONVERSION TABLE

To obtain :	Multiply:	By:
Acre (acre)	Hectare (ha)	2.471
Acres (acre)	Square feet (sq.ft)	0.00002296
Acres (acre)	Square metres (m ²)	0.000247
Cubic feet (cf)	Imperial gallons (igal)	0.16054
Cubic metre (m ³)	Litres (l)	0.001
Feet/day	Metres/second	283,478.4
Feet of water	Pounds/sq.inch (psi)	2.307
Feet (ft)	Metres (m)	3.281
Gram (g)	Milligram (mg)	0.001
Gram (g)	Pound (lb)	453.6
Hectare (ha)	Acre (acre)	0.4047
Hectare (ha)	Square metres (m ²)	0.0001
Imperial gallons (igal)	US gallons (gal)	0.8327
Imperial gallons/square foot (ig/sq.ft.)	Litres/square metres (l/m ²)	0.0204
Imperial gallons (igal)	Cubic feet (cf)	6.229
Imperial gallons/foot (ig/ft)	Litres/metre (l/m)	0.06705
Imperial gallons (igal)	Litres (l)	0.220
Inches (in)	Metres (m)	39.37
Litres (l)	Cubic metre (m ³)	1000
Litres/square metres (l/m ²)	Imperial gallons/square foot (ig/sq.ft)	48.915
Litres (l)	Cubic feet (cf)	28.316
Litres (l)	US gallons (gal)	3.785

To obtain :	Multiply:	By:
Litres/metre (l/m)	Imperial gallons/foot (ig/ft)	14.915
Litres (l)	Imperial gallons (igal)	4.546
Metres/day	Metres/second	86400
Metres (m)	Inches (in)	0.0254
Metres/second	Metres/day	0.00001157
Metres (m)	Millimetres (mm)	0.001
Metres (m)	Feet (ft)	0.3048
Milligram (mg)	Gram (g)	1000
Millimetres (mm)	Metres (m)	1000
Pound (lb)	Gram (g)	0.0022
Pounds/sq.inch (psi)	Feet of water	0.4335
Square metres (m ²)	Square feet (sq.ft)	0.0929
Square feet (sq.ft)	Acres (acre)	43560
Square feet (sq.ft)	Square metres (m ²)	10.76
Square metres (m ²)	Hectare (ha)	10,000
US gallons (gal)	Litres (l)	0.2642
US gallons (gal)	Imperial gallons (igal)	1.201