

# APPENDIX G

## **CONVERSION TABLES**

**CONVERSIONS OF GUIDELINES NUMBERS**

<b>Metric unit</b>	<b>Symbol</b>	<b>Imperial units approximation</b>
<b>FLOWS</b>		
1000 litres	1000 l	220 imperial gallons
1500 litres	1500 l	330 imperial gallons
<b>LOT AREA</b>		
2700 square metres	2700 m <sup>2</sup>	29052 square feet
3150 square metres	3150 m <sup>2</sup>	33894 square feet
3716 square metres	3716 m <sup>2</sup>	39984 square feet
4500 square metres	4500 m <sup>2</sup>	48420 square feet
6800 square metres	6800 m <sup>2</sup>	73168 square feet
9000 square metres	9000 m <sup>2</sup>	96840 square feet
<b>DEPTH OF PERMEABLE SOIL</b>		
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
<b>CLEARANCE DISTANCES</b>		
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

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
<b>MINIMUM SYSTEM LENGTH</b>		
15 metres	15 m	49.22 feet
25 metres	25 m	82.03 feet
33 metres	33 m	108.27 feet

### UNITS CONVERSION TABLE

<b>To obtain :</b>	<b>Multiply:</b>	<b>By:</b>
Acre (acre)	Hectare (ha)	2.471
Acres (acre)	Square feet (sq.ft)	0.00002296
Acres (acre)	Square metres (m <sup>2</sup> )	0.000247
Cubic feet (cf)	Imperial gallons (igal)	0.16054
Cubic metre (m <sup>3</sup> )	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 <sup>2</sup> )	0.0001
Imperial gallons (igal)	US gallons (gal)	0.8327
Imperial gallons/square foot (ig/sq.ft.)	Litres/square metres (l/m <sup>2</sup> )	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 <sup>3</sup> )	1000
Litres/square metres (l/m <sup>2</sup> )	Imperial gallons/square foot (ig/sq.ft)	48.915
Litres (l)	Cubic feet (cf)	28.316
Litres (l)	US gallons (gal)	3.785

<b>To obtain :</b>	<b>Multiply:</b>	<b>By:</b>
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 <sup>2</sup> )	Square feet (sq.ft)	0.0929
Square feet (sq.ft)	Acres (acre)	43560
Square feet (sq.ft)	Square metres (m <sup>2</sup> )	10.76
Square metres (m <sup>2</sup> )	Hectare (ha)	10,000
US gallons (gal)	Litres (l)	0.2642
US gallons (gal)	Imperial gallons (igal)	1.201