

# Appendix 2   Conversion of units of measurements

## 1   Abbreviations

|      |                   |    |              |
|------|-------------------|----|--------------|
| ac   | acre              | yr | year         |
| mm   | millimetre        | mg | milligram    |
| cm   | centimetre        | kg | kilogram     |
| m    | metre             | g  | gram         |
| mL   | millilitre        | J  | joules       |
| ppm  | parts per million | L  | litre        |
| K    | kilo or thousands | lb | pound        |
| M    | mega or millions  | ft | foot         |
| MCal | megacalories      | hd | head         |
| MJ   | megajoule         | sq | square       |
| MT   | megatonnes        | \$ | dollar       |
| min  | minute            | c  | cent         |
| ha   | hectare           | <  | less than    |
| hr   | hour              | >  | greater than |
| d    | day               |    |              |

## 2   Conversion of Imperial units to metric units

|           |                                                |
|-----------|------------------------------------------------|
| Length:   | 1 inch = 25.4 mm                               |
|           | 1 foot = 30.5 cm                               |
|           | 1 yard = 0.91 m                                |
|           | 1 mile = 1.61 km                               |
| Volume:   | 1 cu ft = 0.028 m <sup>3</sup>                 |
|           | 1 pint = 0.57 L                                |
|           | 1 gallon = 4.54 L                              |
|           | 1 bushell = 36.4 L                             |
|           | 1 acre foot = 1.23 ML (megalitre)              |
| Area:     | 1 acre = 0.40 ha                               |
|           | 1 sq mile = 2.59 km <sup>2</sup>               |
| Weight:   | 1 ounce = 28.3 g                               |
|           | 1 pound = 0.454 kg                             |
|           | 1 hundred weight = 50.8 kg                     |
|           | 1 long ton = 1017 kg (2240 lb)                 |
| Energy:   | 1 calorie = 4.19 joules                        |
| Density:  | 1 lb/ft <sup>3</sup> = 0.063 kg/m <sup>3</sup> |
| Rate:     | 1 gallon/acre = 11.23 L/ha                     |
|           | 1 pound/acre = 1.12 kg/ha                      |
|           | 1 gallon/ton = 4.17 L/t                        |
| Pressure: | 1 pound/sq in (psi) = 1.45 kPa (kilopascals)   |
| Yield:    | 1 lb/ac = 1.12 kg/ha                           |