

# APPENDIX 1.

## Helpful Conversions for Metric and English Conversions

1 inch = 2.54 cm = 25.4 mm  
 1 cm = 0.365 inch  
 1 ft = 0.305 meter (m)  
 1m = 3.28 ft = 39.36 inches  
 1m = 100 cm

1 acre = 0.4 Hectare (Ha)  
 1 Ha = 2.47 acre  
 1 acre = 43,560 ft<sup>2</sup>

1 lb = 0.454 kg  
 1 kg = 2.2 lbs

1 bar = 0.1 KPS (kilo-pascal)  
 1 KPS = 10 bars

654 ppm = 1 dSm<sup>-1</sup> (deciSiemens)  
 1 gal (American) = 3.79 liters  
 1 cubic meter (m<sup>3</sup>) = 1,000 liters = 264 gallons (American)  
 1 acre-foot = 325,000 gallons = 1,231 m<sup>3</sup>

Price of water  
 \$130 per acre foot = \$0.11 per m<sup>3</sup>  
 \$500 per acre-foot = \$0.41 per m<sup>3</sup>  
 \$550 per acre-foot = \$0.45 per m<sup>3</sup>

Temperature  
 °F to °C                      °F – 32 \*5/9  
 °C to °F                      °C \* 9/5 + 32

### Helpful Temperatures

°C	°F
0	32
5	41
10	50
15	59
20	68
25	77
30	86
35	95
40	104
45	113

Lbs per acre converted to ton per hectare      lbs \* 2.47/2200  
 Tons per hectare to lbs per acre              tons\*2200/2.47