



## CONVERSION REFERENCE

### Unit equivalents:

1.00 g/L = 0.10 g/100 mL  
= 100 mg/100 mL  
= 1000 mg/L  
= 1000 ppm  
= 1.0 mg/mL  
= 1000 µg/mL  
= 0.1% (wt/vol.)

### Weight equivalents:

1.00 g = 1000 mg  
1.0 mg = 0.001 g  
1.0 µg = 0.001 mg  
1.0 kg = 1000 g  
10.0 kg = 22 lbs.  
1.0 kg = 2.2 lbs.  
.5 kg = 500g = 1.1lbs  
454 g = 1 lb.  
1 ton = 2000 lbs.  
1 ton = 907.19 kg  
1lb. = 16 oz  
1 oz = 28.35 g

1 ton grapes = 200 gal must  
1 ton grapes  $\cong$  155-175 gal juice

### Volume/Volume equivalents:

1 cL/hL = 10 mL/hL  
= 10 mL/ 26 gal  
= 385 mL/ 1000 gal

### Weight/Volume equivalents:

1 lb/1000gal = 454 g/1000 gal  
= 0.45 g/gal  
= 0.12 g/L  
= 120 ppm  
= 12 g/hL

2 lb./ 1000gal = 0.90 g/gal  
= 0.24 g/L  
= 240 ppm  
= 24 g/hL

1g/hL = 1g/ 26.42 gal  
= 0.0385g/gal  
= 0.084 lb/1000 gal

### Volume equivalents:

1L = 1000 mL  
1 dL = 10 L  
1 hL = 100 L  
1 hL = 26.4 gal  
1 mL = 1000 µL  
1 cL = 10 mL  
25 hL x 26.42 gal = 660 gals

1L = 33.8 oz = 1000 mL  
1gal = 128 oz = 3785 mL = 3.78 L  
1 qt = 32 oz = 946 mL = .946 L  
1 pt = 16 oz = 473 mL = .473 L  
1cup = 8 oz = 237 mL  
4 oz = 118 mL  
2 oz = 59 mL  
1 oz = 29.57 mL