Chapter 4 Formula Sheet

Temperature conversions:

$C = \frac{5}{9}(F - 32)$ $F = \frac{9}{5}C + 32$

Imperial Mass:

1 ton (tn) = 2000 pounds (lb)

1 pound (lb) = 16 ounces (oz)

SI Mass:

1 kilogram (kg) = 1000 grams (g)

1 gram (g) = 1000 milligrams (mg)

1 tonne (t) = 1000 kilograms (kg)

Mass Conversions between Imperial and SI:

1 kilogram ≈ 2.2 pounds

1 kilogram ≈ 35.2 ounces

1 pound ≈ 0.45 kilograms

1 ounce ≈ 28.3 grams

1 ton≈ 0.9 tonnes

1000 g ≈ 2.2 pounds

1000 g ≈ 35.2 ounces

16 ounces ≈ 0.45 kilograms

Conversions involving Bushels and Weight/Mass:

Conversion factors are in “bushels per tonne” (bu/t)

(# of tonnes) x (conversion factor) = # bushels

(# bushels)/(conversion factor) = # of tonnes