How to Size Your Pond

Metric System
Length (m): _____
Width (m): _____
Max Depth (m): _____
Min Depth (m): _____
Desired Turnover (How often would you like to turnover your pond water per hour. We recommend 1-1.5 times) _____

To Determine the Number of Gallons in Your Pond Use These Formulas:

Average Depth (ft) = (_____ + _____) / 2
          Max Depth   Min Depth

Pond Volume (liters) = (_____ x _____ x _____) x 100
              Length   Width   Average Depth

To Determine Your Recommend Pond Liner Dementions Use These Formulas:

Length of Liner Needed (ft) = ((_____ x 2) + _____) + 1
                  Depth   Length

Width of Liner Needed (ft) = ((_____ x 2) + _____) + 1
                 Depth   Width

To Determine the Pump Size Need Based on Liters per Hour Use These Formulas:

Pond Volume (liters) = (_____ x _____ x _____) x 100
              Length   Width   Average Depth

Suggested Pump Size (lph) = _____ / _____
                 Pond Volume   Desired Turnover

To Determine the Amount/Size of Fish You Can Have in Your Pond Use These Formulas:

Pond Volume (liters) = (_____ x _____ x _____) x 100
              Length   Width   Average Depth

Ideal Stock Level (Total Length of All Combined Fish in Centimeters) = _____ / 15
                                      Pond Volume