COMMON CALCULATIONS

Bark Mulch Coverage (use all measurements in metres)

1. Calculate area needed in square metres = length x width

2. Calculate cubic metres (includes depth) = (length x width) x depth

3. Convert to litres = (answer to no.2) x1000

4.   Convert to bags of bark = (answer to no.3) divided by the bag size

example:
a plot that is 3m by 15m and required depth is 0.05m (5cm or approx 2 inches)

1. 3 x 15 = 45 square metres
2. 45 x 0.05 = 2.25 cubic metres
3. 2.25 x 1000 = 2250 litres
4. 2250 / 80 = 28.125 bags or 28 bags for simplicity.

On the bags it says that each bag will cover approximately 3 square metres, but this is at a depth of only 2.5cm so to use more will be much more effective.

Pond Liner Size

Follow this formula to ensure enough is ordered.

Liner Length = Length of pond + twice maximum depth + 60cm for overlap
Liner Width = Width of pond + twice maximum depth + 60cm for overlap

It doesn't matter what shape the pond is as long as you use the maximum lengths, depths, and widths.

Example: a pond that measure 5 metres by 3 metres and is 0.5 metres deep (0.5m depth is plenty for the normal garden pond for both fish and plants)

Liner length = 5m + 1m + 0.6m = 6.6 metres
Liner width = 3m + 1m + 0.6m = 4.6 metres

so the minimum liner size you need to order is 6.6m x 4.6m

Grass Seed

Standard spread rate 50g (0.05kg)per square metre

1. Calculate the area to be sown in metres = length x width

2. Calculate total amount of grass seed needed = (answer to no.1) x 0.05kg

example: an area 5 metres by 7 metres needs to be sown with grass seed.

5 x 7 = 35

35 x 0.05 = 1.75 kg of grass seed.