**Dry Matter (DM) Calculation**

Example of calculation:

Container weight = 300 grams.  
Container and sample weight before drying = 450 grams.  
Wet sample weight = 150 g (Calculation: 450 g – 300 g = 150 g).  
**\***Container and sample weight after drying = 354 grams  
Dry sample weight = 54 g (Calculation: 354 g – 300 g = 54 g).  
**Dry matter = 36%** (Calculation: 54 g/150 g= 0.36 x 100 = 36%).

**\***Dry the grass by putting it in the oven for 10 minutes.

Equation used to calculate the DM yield in the nature preserve:

Weight of grass (quadrant area of 0.5m x 0.5m) x DM% x ha in the nature preserve (20,000).

Sources:

<http://www.agriland.ie/farming-news/unsure-how-to-calculate-dry-matter-yields-in-a-paddock-heres-two-simple-ways/>

<http://articles.extension.org/pages/11315/dry-matter-determination>