

Organic manure contribution

Calculate the value of organic manure applications to capitalise on their nutrient content as set out in Section 11 (Examples 11.1 and 11.2).

PHOTOCOPY THIS SHEET TO ALLOW REPEATED USE.

	Nitrogen	Phosphate	Potash	Value* (£/ha)
1. Total Nutrients in Slurry (kg/m³) or FYM (kg/t) From analysis or Tables 11.3 and 11.10				
2. Available Nutrients in Slurry (kg/m³) or FYM (kg/t) N from Table 11.10 or MANNER P&K from Table 11.3				
3. Crop Nutrient Requirements (kg/ha) N from Table 11.7 and 11.8 (RB 209) P & K from Table 11.2 (RB209)				
4. Nutrients Supplied by Slurry (kg/ha) At a rate of 40 m ³ /ha (Row 2 x 40)				
5. Inorganic Fertiliser Required (kg/ha) (Row 3 – Row 4)				
6. Inorganic Fertiliser Supplied (kg/ha) (200kg/ha of 34.5% N is 200 x 34.5/100 = 69kg N/ha)				
7. Saving in NPK Fertiliser for the Crop (Row 3 value – Row 6 value)				
8. Saving in NPK Fertiliser for Later Crops Assuming all the surplus P & K supplied is used for subsequent crops				
9. Total NPK Saving (Row 7 value + Row 8 value)				

*Assumes nitrogen @ £0.93/kg; phosphate @ £0.86/kg; potash @ £0.55/kg (costs as of March 2011)