



SLURRY ANALYSIS REPORT

Distributor	Distrib. Ref ---
Sample Ref	Farmer Example
Date	Report No. Example

Solids

5.30%

			Nitrogen	Phosphate (P2O5)	Potash (K2O)	Magnesium (as MGO)	Sulphur (as SO3)
Nutrient Analysis	%	0.330	0.108	0.432	0.109	0.083	
Total Nutrient	kg/m ³	3.30	1.08	4.32	1.09	0.83	
Nutrient Availability	%	40	50	90	100	100	
Available Nutrient	kg/m ³	1.32	0.54	3.89	1.09	0.83	
	units/1000gal	11.88	4.86	34.99	9.81	7.47	
Slurry Application							
23 m ³ /ha	kg/ha	30	12	89	25	19	
2051 gal/acre	units/acre	24	10	72	20	15	

Fertiliser nutrient requirement for forage (kg/ha)	120	40	80
Inorganic fertiliser needed for silage (kg/ha)	90	28	0
Assuming a fertiliser cost per nutrient unit	£0.87	£0.79	£0.57

Slurry Fertiliser Value per m³ = £3.79

Slurry Fertiliser Value per 1000 gal = £17

Comments This dairy slurry sample has a typical solids level of 5.3%. The Nitrogen and Potash levels are higher than would be expected for the solids content but the Phosphate level is typical. In terms of available nutrients per 1000galls this slurry provides 12 units of Nitrogen, 5 units of Phosphate and 35 units of Potash. At current fertiliser prices it is worth £17 (€19) per 1000galls or £3.79 (€4.13) per m3.