



<b>Distribution centre</b>	<b>Northampton</b>
<b>Product</b>	<b>Digested</b>
<b>Application rate (T/Ha)</b>	<b>19</b>

Nutrient	Total nutrient applied (kg/ha)	Available Y1 (kg/ha)	Available Y2 (kg/ha)
Nitrogen (N)	225	34	19
Phosphate (P <sub>2</sub> O <sub>5</sub> )	346	173	86
Potassium (K <sub>2</sub> O)	8	7	1
Sulphur (SO <sub>3</sub> )	187	56	39
Magnesium (MgO)	23	11	6

Material	Dry solids	Organic matter
Wheat straw (8 T/Ha)	3.5	85%
Biosolids	5	64%

Nutrient	Inorganic nutrient cost over 3 years (£/Ha)	Biosolids nutrient cost over 3 years (£/Ha)	Saving (%)
Nitrogen (N)	510	18	7%
Phosphate (P <sub>2</sub> O <sub>5</sub> )	160	79	51%
Potassium (K <sub>2</sub> O)	115	2	1%
Sulphur (SO <sub>3</sub> )	63	32	1%
Magnesium (MgO)	56	5	3%

\*Inorganic fertilisers assumed as: N - AN, P - TSP, K - MOP, S - AS, Mg - MgO. All prices current at date of publication.

