



<b>Distribution centre</b>	<b>Grimsby</b>
<b>Product</b>	<b>Digested</b>
<b>Application rate (T/Ha)</b>	<b>22</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> )	282	141	71
Potassium (K <sub>2</sub> O)	11	10	1
Sulphur (SO <sub>3</sub> )	199	60	42
Magnesium (MgO)	33	17	8

Material	Dry solids	Organic matter
Wheat straw (8 T/Ha)	3.5	85%
Biosolids	5	66%

Nutrient	Inorganic nutrient cost over 3 years (£/Ha)	Biosolids nutrient cost over 3 years (£/Ha)	Saving (%)
Nitrogen (N)	510	20	7%
Phosphate (P <sub>2</sub> O <sub>5</sub> )	160	71	56%
Potassium (K <sub>2</sub> O)	115	3	2%
Sulphur (SO <sub>3</sub> )	63	38	0%
Magnesium (MgO)	56	8	2%

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

