



|                                |                   |
|--------------------------------|-------------------|
| <b>Distribution centre</b>     | <b>Kings Lynn</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> ) | 306                            | 153                  | 76                   |
| Potassium (K <sub>2</sub> O)               | 10                             | 9                    | 1                    |
| Sulphur (SO <sub>3</sub> )                 | 193                            | 58                   | 40                   |
| Magnesium (MgO)                            | 27                             | 13                   | 7                    |

| Material             | Dry solids | Organic matter |
|----------------------|------------|----------------|
| Wheat straw (8 T/Ha) | 3.5        | 85%            |
| Biosolids            | 5          | 63%            |

| Nutrient                                   | Inorganic nutrient cost over 3 years (£/Ha) | Biosolids nutrient cost over 3 years (£/Ha) | Saving (%) |
|--|---|---|------------|
| Nitrogen (N)                               | 510   | 19  | 7%         |
| Phosphate (P <sub>2</sub> O <sub>5</sub> ) | 160   | 73  | 54%        |
| Potassium (K <sub>2</sub> O)               | 115   | 3   | 2%         |
| Sulphur (SO <sub>3</sub> )                 | 63  | 35  | 0%         |
| Magnesium (MgO)                            | 56  | 6   | 2%         |

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

