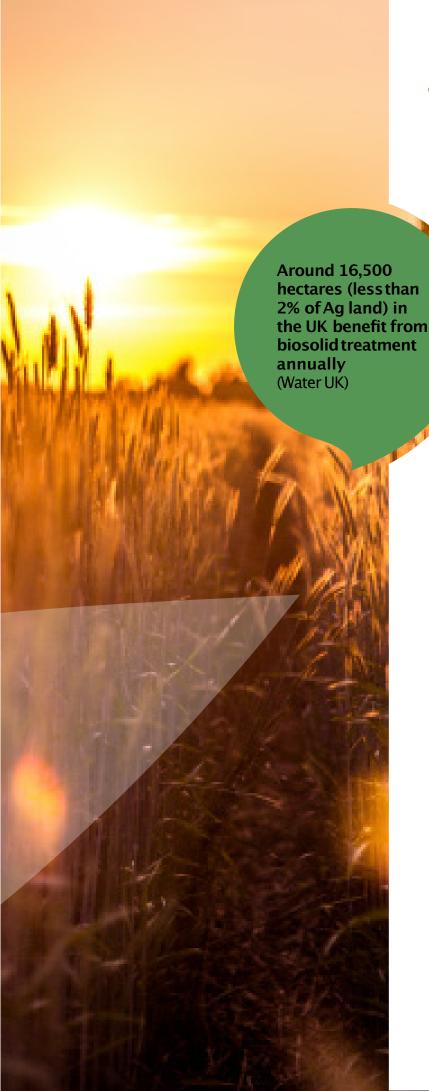




Robinson Contract Services is a family business with over 80 years of experience within the Agricultural and Recycling sectors throughout Yorkshire and the surrounding regions. It is one of the region's most established and trusted contractors, providing first rate customer care and high-quality products.

RCS are the sole supplier for Yorkshire Water Biosolids, having won the contract in 2012.





YORGROW

YORGrow is the branded name for Yorkshire Water's sewage sludge product.

Working in conjunction with Yorkshire Water, RCS recycle over 350,000 tonnes of biosolids to agriculture each year.

YORGrow is a high nutrient and organic matter product containing Biosolids (Sewage Sludge) to give a valuable and safe organic fertiliser.

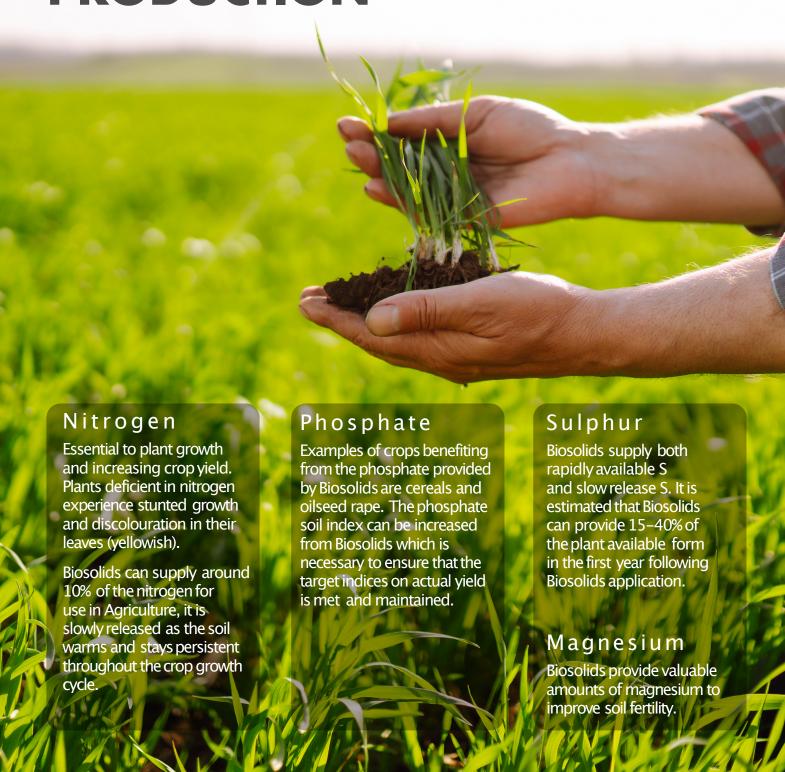
YORGrow contains valuable quantities of organic material, Nitrogen, Phosphate, Sulphur, Magnesium and other trace elements. It offers enormous potential to make savings on agronomic inputs, as well as having excellent soil conditioning properties.

The YORGrow service provided by RCS offers exceptional value for money, including soil analysis, delivery, in-field stockpiling and fertiliser guidance from a dedicated FACTS qualified Area Manager.

The aim is to build long term relationships with our YORGrow customers and to provide them with a professional, consistent and efficient service.



# IMPORTANT NUTRIENTS IN BIOSOLIDS THAT PLAY A KEY ROLE IN CROP PRODUCTION







### **USES**

Biosolids will principally build and maintain soil organic Nitrogen (N) and provide very good amounts of crop available Phosphate (P), important for the growing tips of plants, to help roots and crops thrive. It also supplies Sulphur (S), Magnesium (Mg) and trace elements. Biosolids provides Organic Matter which improves soil structure over time.

#### Wheat

Biosolids will provide your 1st or 2nd wheat with a good start in the Autumn and continue to supply nutrients throughout the growing season. Soil N Supply should increase with the use of biosolids in your rotation.

### Oilseed Rape

Biosolids are an excellent source of nutrients when establishing an Oilseed Rape crop in in the Autumn or Spring, providing Nitrogen, Phosphate and Sulphur, helping establish a healthy high yielding crop.

### Sugar Beet

Biosolids will help with the establishment of Sugar Beet and will improve soils over time boosting their resilience to trafficking, and drought conditions in the growing season.





An Area manager will visit you to discuss your fertiliser requirements and cropping rotation to help decide the best fields for application that season.



A suitable location is chosen and assessed for environmental regulation and field access.

# HOW DOES IT WORK?



Stockpiles are monitored after delivery right up until the point of spreading.



A delivery permit is produced and biosolids are delivered and stockpiled in the field.



Your fields are then mapped and soil sampled.



Trackway is laid if necessary, to avoid compaction or damage to verges.



Lorries reverse onto field and tip.

# SPREADING

All Spreading of Yorkshire Water Biosolids must be undertaken by a member of the RCS Approved Contractor Register, an up to date list of approved contractors is available at www.robinsoncontractservices.co.uk

All contractors use a bespoke spreading app which covers all aspects of regulation and requirements under the Farming Rules for Water. Please liaise with your Area Manager who will allocate your fields to your preferred contractor. The contractor is supplied with your spreading permits and maps, which includes tonnages, application rates, maps including no spread zones and field margins.

RCS have their own fleet of rear discharge spinning disc spreaders all equipped with dynamic weigh cells.

## PRICING

Your RCS Area Manager will be able to provide you with a data-sheet detailing the nutrients biosolids provide. The price will include the product, soil sampling, soil analysis, delivery and stockpiling. The price will be agreed with the Area Manager at the point of order.

### Typical Application of Biosolids

Application Rate: 20t/ha

Nutrient	Total Applied (kg/ha)	Year 1 Available (kg/ha)	Year 2 Available (kg/ha)
Nitrogen	250	37	22
Phosphate	280	70	70
Potash	9	8	
Sulphur	120	22	

Phosphate Availability is shown as 25% available per year over a 4 year rotation

### **HELPING YORKSHIRE GROWSINCE 1942**











Agricultural and Recycling Services

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