STC is Contract Research and knowledge transfer Organisation and registered educational charity located near York specialising in applied horticultural and agricultural research and development.

We have a wide range of crop production facilities:

- 40 computer controlled glasshouses ranging in size from 12 to 1000m².

- State of the art enclosed growing environment (LED4CROPS)

- 70 ha grade A land.

We have the facilities and skills to test innovative substrates and crop production systems for all crop types.

And a wide range of expertise:

- Photobiology
- Irrigation and nutrient management
- Enclosed growing environments
- Plant Pathology (plant clinic)
- Entomology
- Agronomy of horticultural and arable crops.
We have a number of interests in collaboration:

- Optimisation of recirculating systems
- Novel sources of nutrient inputs for soilless culture
- New growing media trials with a wide range of species
- Modelling variation in plant physiology and morphology
- Minimising pest and disease burdens
- Maximising WUE and NUE in soilless growing

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