



Cutting edge science on the farm

Scientists are developing cutting-edge research to deliver food security in the future.

Its not easy to see the problem when the supermarket shelves are full and doctors warn of an obesity epidemic.

The UK produces 60% of the food it consumes - so the world's food problems are Britain's problems.



The current global population is 7 billion.

This is projected to rise to 9 billion by 2050.

Only 3% of the world's land mass is available for agriculture.

To feed all these people whilst maintaining current nutrition levels, will need food production to increase by up to 50%.

Across the world the best arable land is already being used - there won't be any more land to use for crops.

Scientists are providing the evidence-base to address the challenge of producing and supplying enough safe and nutritious food in a sustainable way for a growing global population.



The solution:

- to grow more food on the same amount of land
- improve the nutritional value of food
- boost resistance to diseases
- produce less waste
- use less energy, water and pesticides
- enhance our natural environment and resources such as soil, water and air.

