



Maximising grassland management for nutritious meat and milk

Grassland covers over half of the UK. Most is pastureland where crops cannot be grown efficiently - but ruminants, such as beef cattle, cows, sheep and goats love it!

Scientists help farmers manage their grassland effectively and improve livestock breeding, so that ruminants give us food that is better for people and the planet.



Science is underpinning new grassland management programmes which reduce soil compaction, improve soil nutrients, control weeds and provide the right infrastructure (eg, fencing, water troughs) to extend the growing season of grass.



Grass is cut to make silage - winter feed for ruminants.

Silage can be analysed in laboratories so farmers know its nutritional value.



Did you know...

New grass varieties can increase yields by as much as

33%



nutritious grass = nutritious meat and milk



Scientists are investigating the feasibility of measuring grass yield and quality remotely using satellite sensing technologies. This precision management will help farmers analyse pastureland productivity over the growing season.