



UNIVERSITY OF LEEDS



REGENERATIVE FARMING SYSTEMS RESEARCH

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Our activities include -
























-  **Understanding** the current system
-  **Supporting** regenerative farming
-  **Evidence** based practice
-  **Sharing** the information

At the University of Leeds farm we have set up a large replicated plot trial measuring the impacts of different combinations of regenerative agriculture principles and practices on the soil, biodiversity, crop, greenhouse gas emissions and profit.

This is the only trial of its kind in the UK and is co-designed with local farmers, agri-businesses and allied organisations.

The trial is designed to be additive so that each treatment builds on the previous by adding one additional principle. This enables comparison of each farming system within the same year (meteorological and biological conditions) and field (field history and soil type).

Prior to any changes in practice, we took a detailed soil survey, so we can measure any changes and when they occur.

Treatment number and principles followed	
1	Conventional farming: no RA principles followed
2	Minimise soil disturbance & keep the soil covered  
3	Trt 2 + increase diversity   
4	Trt 3 + integrate livestock    
5	Trt 4 + maintain a living root all year round     
6	Change in cereal rotation to include herbal ley     
7	Long-term herbal ley    



University of Leeds has a 317 ha commercial farm in Yorkshire, Northern England including facilities such as a terrestrial observatory, 3x eddy covariance flux towers, The National Pig Centre and mature agroforestry plots planted in 1990s.

For more information please get in touch
Email: farm@leeds.ac.uk or r.wade@leeds.ac.uk
Follow our RA research progress on X: @RNWade1