



39% use a carbon footprint tool



42% record soil organic matter



67% have one or more types of renewable energy generation on-farm



278 monitor energy consumption



Case study:

Duncan Farrington, Bottom Farm Becoming carbon neutral

Bottom Farm is an arable business, growing a range of combinable crops, most specifically **oilseed rape** which goes into the **Farrington's Mellow Yellow** cold pressed rapeseed oil range. Sustainability is at the core of the business; not only are they **LEAF Marque certified**, but the Farrington's Mellow Yellow range has recently been **certified carbon and plastic neutral**. Duncan Farrington explains that being LEAF Marque certified and adopting the **LEAF Integrated Farm Management ethos** was a huge step in becoming carbon neutral due to the vast amount of data he had collected on energy use, soil organic matter, and carbon emissions.

Effective **soil management** is essential in becoming carbon neutral and has huge potential in terms of **carbon sequestration**. In order to maximise this, Duncan does not plough, and the crop rotation is planned to enhance soil health and replenish nutrients. These measures improve carbon stores, save costs, and reduce field applications and therefore fuel. Duncan believes that farmers and landowners will play a huge role in carbon sequestration in the future, through more **regenerative** practices focusing on soil health, managing trees, and creating more inviting wildlife habitats such as hedges and wildflower areas.

By implementing more **integrated, agroecological** approaches and always looking at ways to improve, Duncan's commitment to managing the farm in a genuinely sustainable way is leading to greater efficiencies and reductions in **energy use** and **carbon emissions**.

