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
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.