

**Data requirements to prepare Agrecalc carbon report - information required is for a 12-month period**

<b>Data requirements</b>	<b>Sources of data</b>
<b>Land and Crops</b>	
Area of grassland (rough grazing, pasture grazing, silage, hay), other forage crops, arable crops and root crops grown and areas of broadleaved and conifer woodland	Business records, Single Application Form (Scot)
Approximate age of the grassland (pasture grazing, silage, hay)	Business records
Type and quantity of fertiliser, imported organic manure and lime applied to the grassland (pasture grazing, silage and hay) and the crops	Fertiliser records, Nitrate vulnerable zones (UK)
Areas of crops treated with pesticides and the number of spray treatments i.e. passes	Spray records
Dry matter % of the silage and whole crop	Silage Analysis
Harvested moisture % of the arable crops	Drier records
Forage and crop yields, including straw yields	Own records, See Nutrient Management Guide (RB209) (UK)
Quantities of homegrown feeds and bedding used on the farm or sold off the farm	Invoices
Allocations of grazing land, forage and other crops used on the farm to livestock enterprises	Business records, Discuss with your farm consultant
<b>Livestock</b>	
Average number and average live-weights of the livestock on the farm	Livestock records, British Cattle Movement Service (BCMS) Helpline (UK)
Number and weight of purchased and sold animals	Invoices, Slaughter online portals
Quantity of wool sales (sheep);	Receipts
Quantity of milk sales, milk BF% and P% (dairy)	Milk records
Quantity of egg sales (poultry)	Receipts
Age at first calving (beef, dairy)	Livestock records
Sale age (beef, dairy)	Livestock records
Calving %, lambing % (beef, dairy, sheep)	Numbers weaned
% singles, twins, triplets (sheep)	Scanning records
Daily live-weight gains (beef, dairy, pigs, poultry)	Weigh records, Liveweight at sale/age accounting for estimated birthweight
Deaths per livestock category	Livestock records
Type and quantity of purchased feeds and bedding	Invoices
Manure Management	Business records, Discuss with your farm consultant
<b>Energy and Waste</b>	
Quantity of electricity, red diesel, white diesel, petrol, kerosene used on the farm (excl. private use)	Account invoices
Quantity of waste plastic produced (if known) by the farm and from each enterprise	Waste disposal invoices
Renewables	FiTs/RHI receipts electricity bill
Water	Meter Readings