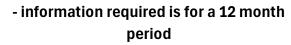
## Data requirements to prepare Agrecalc carbon audit





Section	Sources of data
Land and Crops	
Area of grassland (rough grazing, pasture, silage, hay) other forage	Crop records (SAF Form)
crops, arable, root, vegetable and fruit crops, areas of broadleaved	
and coniferous woodland, length of hedges.	
Approximate age of grassland (pasture, silage and hay)	Farmer discussion
Type and quantity of fertiliser, imported organic manure and lime	Farmer/Fertiliser records/diary/NVZ
applied to grassland and crops. Use of urease/nitrification inhibitors.	
Areas of crops treated with pesticides and the number of spray	Spray records
treatments (passes).	
Dry matter (%) of the silage and whole crop	Silage and crop analysis
Harvested moisture (%) of the arable crops	Farm drier records
Forage and crop yields, including straw yields	Own records, sold weighbridge, see RB209 for standard forage/wc
 	yields
Quantities of homegrown feeds and bedding used on the farm of	Invoices / feed programme
sold off the farm. Use of methane inhibitors.	
Allocations of grazing land, forage and other crops used on the farm	Farmer discussion
to livestock enterprises i.e. (%) to dairy, (%) to beef, (%) to sheep etc.	
Allocations of manures (%) by livestock type to grass, forage and	Farmer discussion
crop types by area.	i uniter discussion
Livestock	
Structuring of livestock enterprises into single or multiple herds,	Livestock records
batches or flocks	Livestock records
	Livertaak regarde (programmen, govt livertaak mayamant regarde
Average number of livestock on a 12 month basis on the farm (i.e.	Livestock records/programmes - govt livestock movement records
suckler/dairy cows, bulls, 0-12 month heifers, 0-12 month steers, 13-	
24 month heifers, 13-24 month steers, >24month heifers, >24 month	
steers, ewes, tups, lambs, other breeding sheep, sows, boars,	
weaners, rearers, finishers, poults, laying hens, broilers etc	E-man (historia manual)
Estimated average number of livestock on a 12 month basis on the	Farmer / historic records
farm on the farm 20 years ago.	
Number and weight of purchased and sold animals.	Invoices, slaughterhouse 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)	Farm records / livestock programme
Sale age (month) (beef, dairy)	Farm records / livestock programme
Calving (%), lambing %, piglets per litter, litters per year (Cattle,	Farm records / livestock programme
sheep, pigs)	
Sheep lambs carried (%) singles, twins, triplets (sheep)	Scanning records/ livestock programme
Daily liveweight gain (beef, dairy, sheep, pigs, poultry)	Weigh records, liveweight at sale/ age accounting for estimated
<u> </u>	birthweight
Deaths by livestock category	Livestock records/programmes
Type and quantity of purchased feed and bedding	Invoices
Time spent by pasture and housing type, manure management	Farmer discussion
system.	
Energy and Waste	
Quantities of electricity, red diesel, white diesel, petrol, kerosene,	Invoices, meter readings
natural gas, LPG used on farm	
	FIT receipts, meter readings
Quantities of renewable electricity produced and quantities used on	,
Quantities of renewable electricity produced and quantities used on farm (wind, solar PV, hydro, biogas)	
Quantities of renewable electricity produced and quantities used on farm (wind, solar PV, hydro, biogas)  Quantities of renewable heat produced and quantities used on farm	RHI receipts, meter readings
Quantities of renewable electricity produced and quantities used on farm (wind, solar PV, hydro, biogas)  Quantities of renewable heat produced and quantities used on farm (wood pellets, woodchips, straw, biogas)	RHI receipts, meter readings
Quantities of renewable electricity produced and quantities used on farm (wind, solar PV, hydro, biogas)  Quantities of renewable heat produced and quantities used on farm	