InveN₂Ory & ResearCH₄ Synthesis

Agricultural UK GHG PLATFORM

Farm Business Survey
Supporting the UK GHG Platform

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Introduction to Farm Business Survey (FBS) and Farm Accounts Survey (FAS) data

- ❖ FBS in England, Wales and N.I.: FAS in Scotland
- ❖ Collected mainly for economic not physical analysis
- ❖ Farms classified in 10 "robust farm types" with stratified sampling
- ❖ Data available as far back as 1936
- ❖ Can provide insight on farm systems
- ❖ Analysis of all animal production in FBS with milk only in FAS

Pig analysis

The FBS data can be used for:

- ✓ Producing ratios on relationships between different types of pigs e.g. finished pigs and sows (productivity), gilts and sows (hence replacement rates)
- ✓ Providing evidence for the production levels of heavy hogs, baconers and porkers and the differences between these systems .

Beef and sheep analysis

The FBS data can be used for

- ✓ Providing ratios of types of animals thus providing an assessment of productivity and replacement rates
- ✓ Providing ratios of sales, purchases and mortality
- ✓ Allowing a comparison of production in lowland areas versus less favoured areas
- ✓ Allowing a comparison of production in different regions

Poultry analysis

FBS data can be used for:

- ✓ Comparison of caged, and free-range egg production
- ✓ Productivity of broiler enterprises

Dairy analysis

The FBS data can be used for:

- ✓ Defining yield bands for low, medium and high yielding farms (average milk yield / cow / year)
- ✓ Providing ratios of cows to other cattle types (hence replacement rates)
- ✓ Assessing the regional differences in milk production

Milk yield histogram for all farms producing milk

5 hectolitre bins
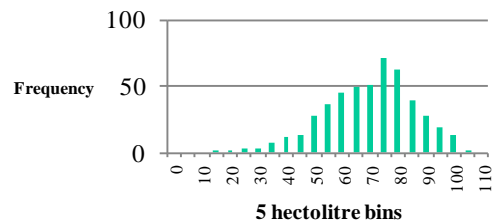
Additional information that would be very useful

- ❖ Physical amount of feed (especially concentrates) used (already available for Northern Ireland)
- ❖ Weights and ages of pigs, beef and sheep at purchase and slaughter

AC0114 : Work Package 3
Farm Practice Synthesis

Cranfield   ORGANIC RESEARCH ELM FARM   ADAS

defra   The Scottish Government   Department of Agriculture and Rural Development   Llywodraeth Cymru Welsh Government