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User Friendly FBS Data Delivery

24th Pacioli Workshop
Pristina, Kosovo

Ben Lang

27 September 2016

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The Farm Business Survey

- In England, the Farm Accountancy Data Network forms the major part of the Farm Business Survey (FBS) and is partly funded by

defra Department for Environment Food and Rural Affairs

- The FBS includes 1800 farm businesses in England UK agricultural policy and PQs
- EU agricultural policy
- Decisions in the management of farms in the UK
- Data for use in education and training

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Target Audience

Farming professionals and researchers

Farmers

Policy makers

Policy advisers and industry bodies e.g. NFU

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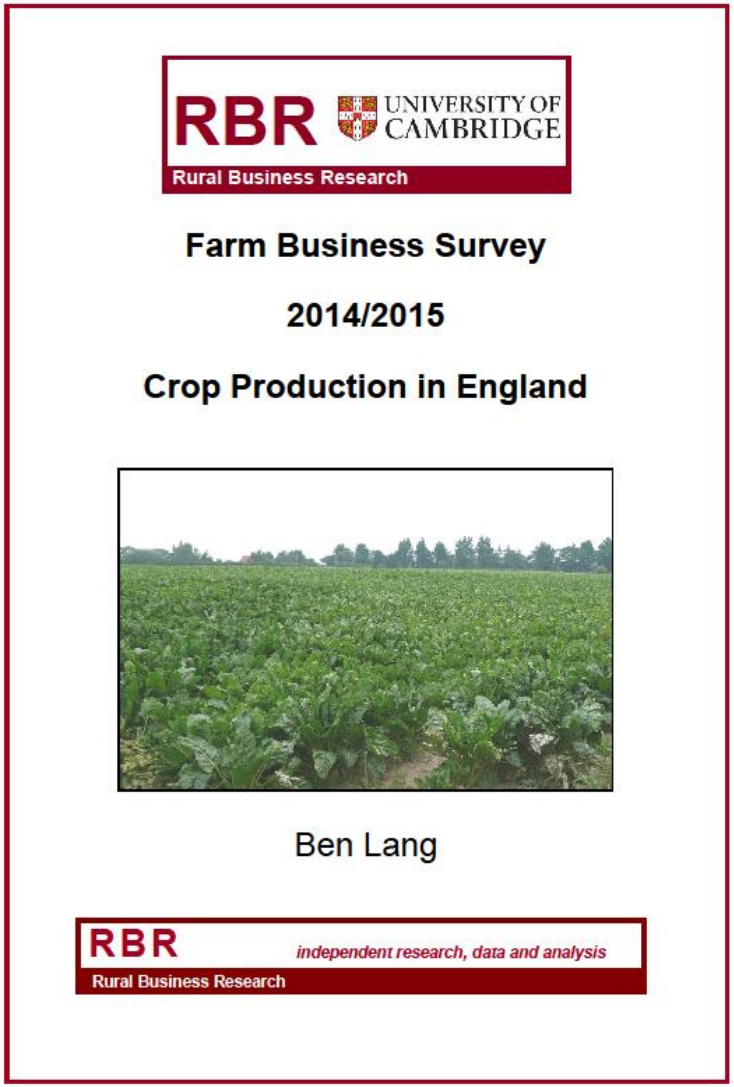
RBR Enterprise Reports

Eight reports in combinations of print format and web version at

ruralbusinessresearch.co.uk

These cover arable, horticulture and several livestock farm types.

One is a specialist organic report.



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Selected Regional Results

The results that we are presenting today can be found at:

www.farmbusinesssurvey.co.uk

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Report concepts

We have designed the reports with the following concepts in mind. The repots should:

- Be useful to many users; farmers to policy professionals
- Be consistent with published Defra data
- Be responsive to user feedback
- Take account of users' varying numeracy
- Offer a range of data presentation methods (e.g. graphs and words) as appropriate

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www.farmbusinesssurvey.co.uk

Four reports to meet the requirements of a wide range of users:

- Simple indexing vs relevant data
- A large dataset vs ‘drill down’ capability
- Confidentiality of data vs maximum access
- Changing policy demands vs consistency
- Accuracy vs timeliness of data

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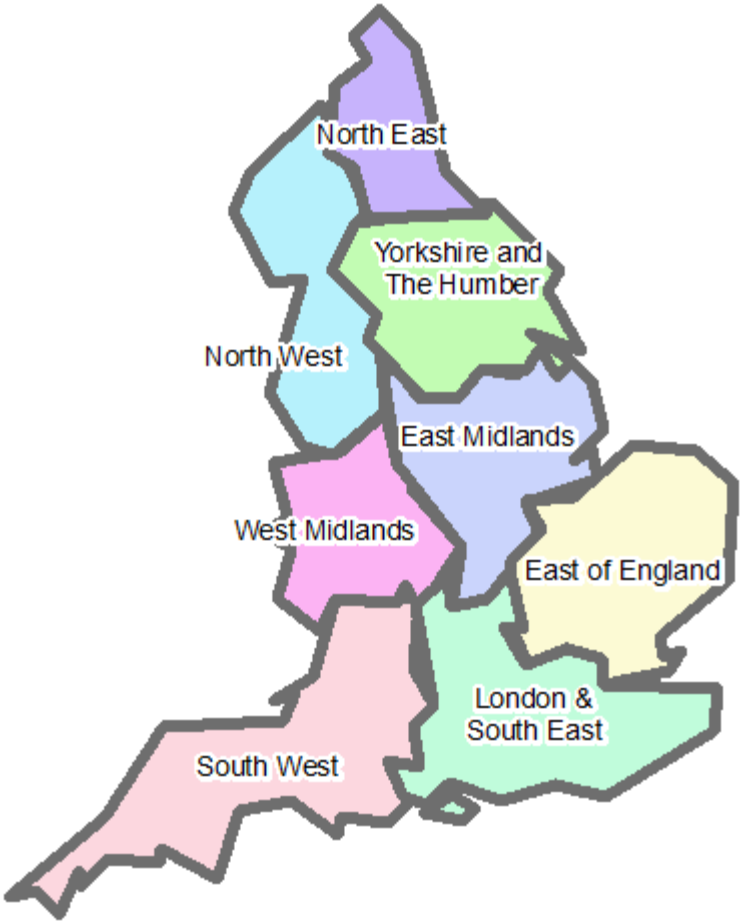
Region Reports

Since 2004 /2005:

- farm profitability,
- balance sheets
- time series performance

FBI calculation splits: of:

- agriculture
- agri environment
- single payment
- diversification



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Website Tools: Farm Benchmarking

www.farmbusinesssurvey.co.uk/benchmarking

→Enterprise gross margins

→Farm Profitability

→Performance ratios

→Balance Sheets

→EU benchmarking

1) Sector Specific
2) Average and Top Quartile Data
3) Includes some Organic

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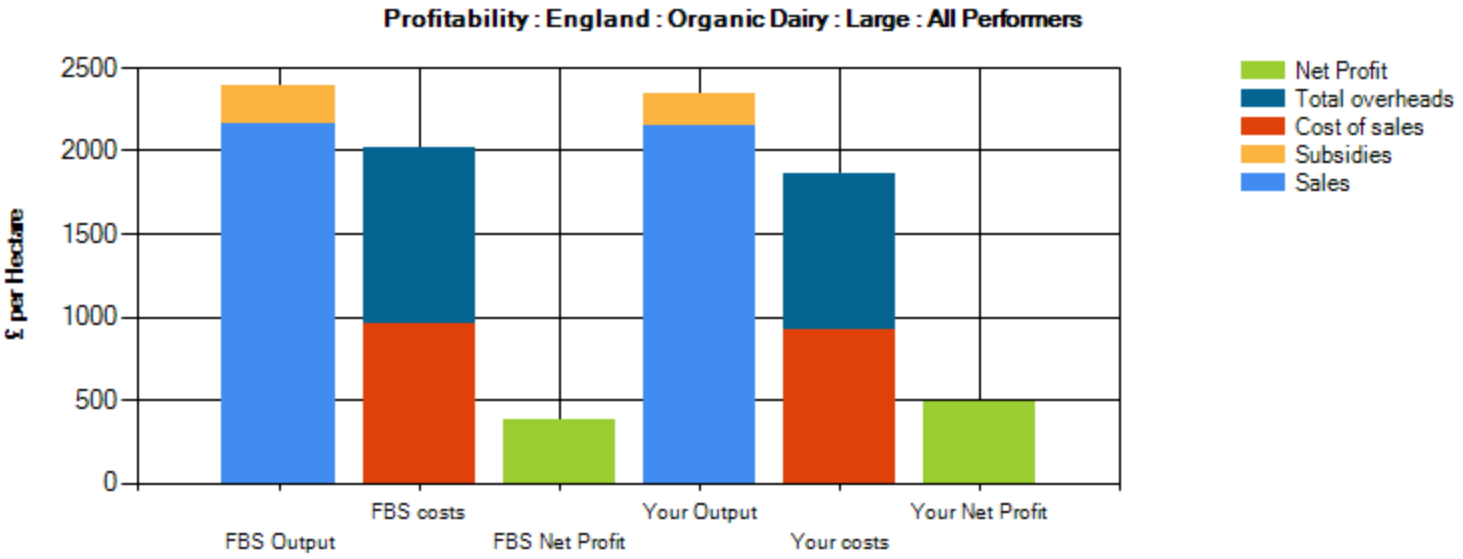
FBS farm business benchmarking

Farm and gross margin comparisons by:

- organic and conventional
- farm size
- tenure
- farm performance



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Projection Calculator

Projection calculator uses accurate Farm Business Data and the latest futures prices to indicate future gross margin and farm performance using transparent methodology.

It is popular with farmers wishing to plan farm activities.

The dynamic aspect of the report is especially useful in the context of volatile commodity prices.

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FBS Databuilder

FBS data builder is a specialist interactive system for professionals and researchers. It allows direct interrogation of Farm Business Survey (FBS) data to construct user defined tables.

"FBS databuilder can carry out analysis in an afternoon that might once have been the subject of a PhD thesis"

Martin Seabrook,

Retired Professor, University of Nottingham

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FBS Data Builder

Some dimensions of FBS data builder:

- Largest standard table has 880 cells
- 157,000 tables using standard dimensions
- Nearly 7 million tables using size groups

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FBS Databuilder

FBS databuilder generates custom tables to your design without compromising confidential farm data.

We have fitted a new engine to FBS databuilder, and it calculates each cell in 0.82 seconds.

It has since:

- calculated 8,300 tables
- with 21m data items

It can produce over 10m different tables.

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Requesting data

To retrieve an earlier request enter the reference number below and click the 'Retrieve' button. Go to step 3 below to execute the request again.

Retrieve

Follow these steps to create your own results:

1. Select dimensions

2. Select variables

To receive 'emailed results' optionally enter email address:

3. Execute request

Your table will take the following layout:

Year: **2010/11** Country: **England**	Dimension 2 as columns: **FADN region**
Dimension 1 as rows: **Farm Size**	Variables: Farm business income (main farm income measure) [Average

Clear selections

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Data table

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defra

Rural Business Research: Cambridge
The Farm Business Survey is conducted on behalf of, and financed by, the Department for Environment, Food and Rural Affairs and the data collected in it are Crown Copyright
22-Jan-2012_11:44:42
RBU, Department of Land Economy, Cambridge CB3 9EP

FBS data builder. v49[2.3.b]: Table 5412
England: 2010/11

See footnotes

Farm Type	Cell Variable	Statistic	FADN region: ENGLAND	North	East	West
ALL FARM TYPES	(1) (2) Income from	Average per farm	18,935	11,754	27,921	12,814
Cropping	—	—	41,017	28,121	46,528	33,068
— Cereals	—	—	36,811	24,006	43,761	23,389
— General cropping	—	—	58,860	40,343	66,058	50,986
— Horticulture	—	—	27,508	18,109	25,487	35,989
— — Specialist fruit	—	—	7,274	0	-1,793	27,869
— — Specialist glass	—	—	38,639	35,990	46,144	17,011
— — Specialist hardy nursery stock	—	—	..D	D	..D	.D
— — Other horticulture	—	—	24,394	F	41,494	F
Grazing Livestock	—	—	4,046	5,229	-2,400	7,422
— Dairy	—	—	30,566	34,827	9,832	38,584
— Grazing livestock (lowland)	—	—	-6,324	-5,128	-5,901	-7,183
— Grazing livestock (LFA)	—	—	-8,358	-8,609	-10,496	-6,788
— — Grazing livestock (DA)	—	—	-8,142	-11,686	F	-1,435
— — Specialist sheep (SDA)	—	—	..D	..D	D	..D
— — Other grazing livestock (SDA)	—	—	-9,949	-8,102	F	-15,653
Other types & mixed	—	—	15,777	14,226	24,208	6,576
— Pigs	—	—	32,840	45,666	37,328	9,272
— Poultry	—	—	51,266	12,667	85,825	39,770
— Mixed	—	—	4,398	8,574	7,117	-3,409

Footnotes:

D Data suppressed in accordance with FBS Disclosure protection rules
F Too few observations to give reliable estimate. Try using confidence intervals instead
(1) Footnote on output, etc
(2) Excludes BLSA. Farm business income is equivalent to the financial accounting measure Net Profit.

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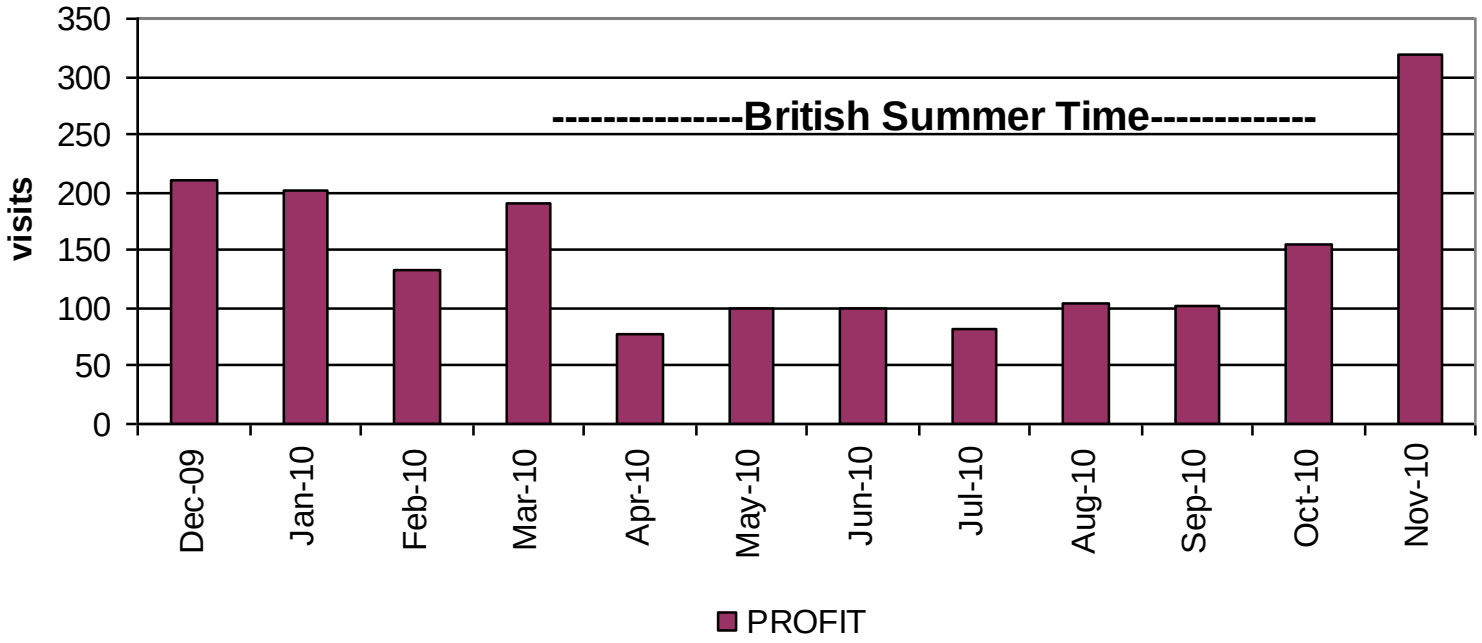
Our users: seasonal use



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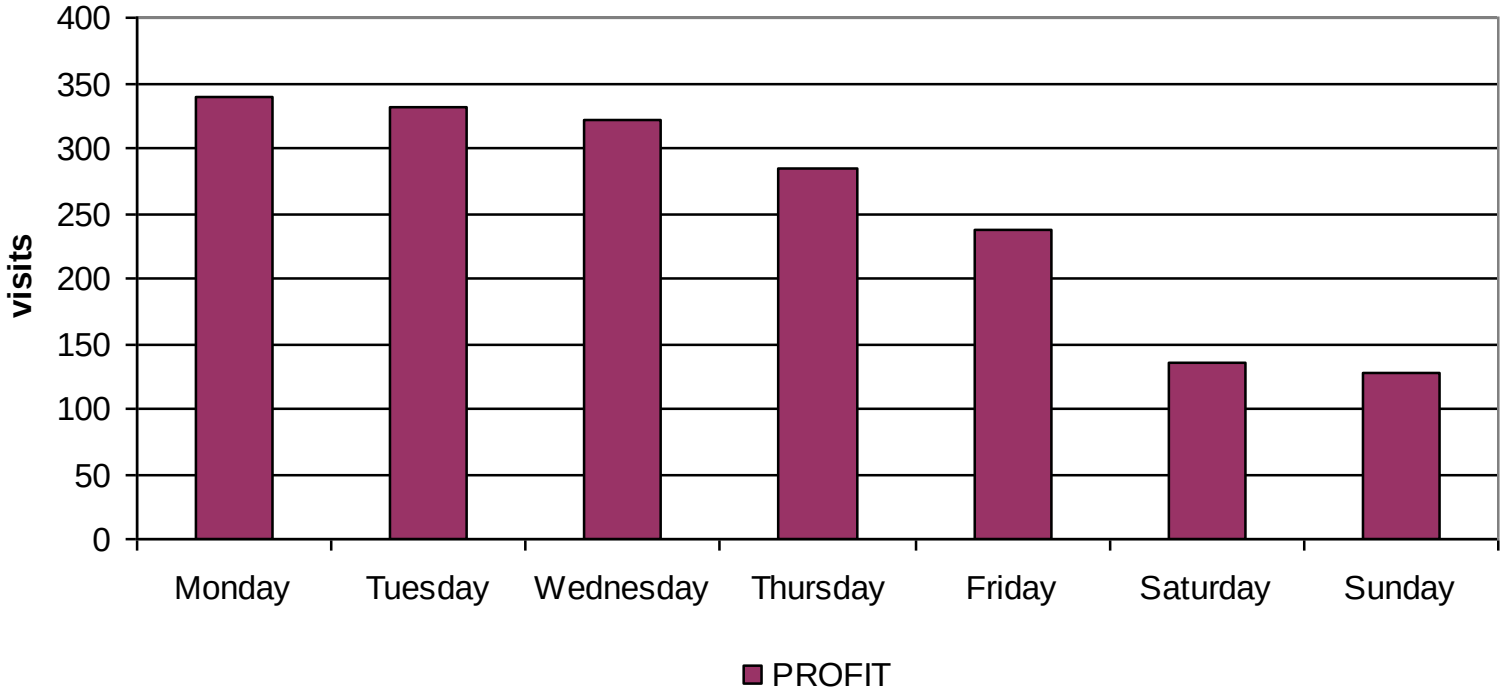
Our users: use over the week



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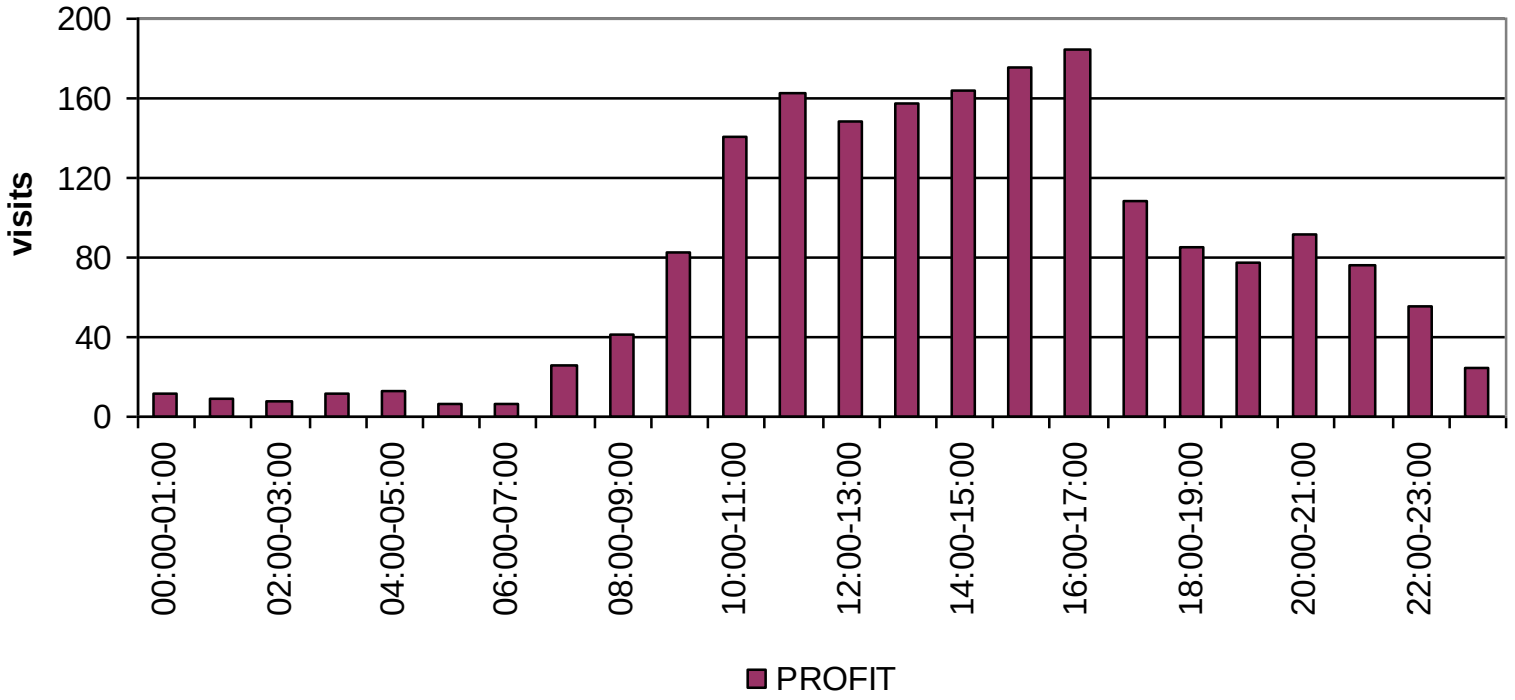
Our users: use through the day



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FBS data at www.farmbusinesssurvey.co.uk

Databuilder, Regional and Benchmarking reports are available at:

www.farmbusinesssurvey.co.uk

The reports were devised and developed by Richard Dexter, Ben Lang, Rachel Lawrence, Charles Mbakwe, Roger Price and Mark Reader

Thank you for your attention

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