Nuffield and *agri benchmark* Cash Crop

A new opportunity

Giles Blatchford

Commercial partners
Our collaboration and joint goals:

Share Network Contacts. Together we can cover more of the world. “Improving the understanding of production systems.”

PEOPLE:
Propose people for further personal development

IDEAS:
Discuss research concepts and fields of study.

INFORMATION:
Access to International Farms Data
And share results and conclusions!
In your time as a Nuffield Scholar....

...crop production systems (including novel crops)

...what are you planning to study around the world?

...impact of innovations in farming (economic, technical, social)

...improving economic and environment sustainability

...ideas to boosting output of a crop or a region

...economics of new crops and rotations
agri benchmark welcomes collaboration

Successful production economics research

Global network of crop production economists

In-depth data on global crop production systems and their economics

Tool to compare your farm production data with farms globally

Hands-on experience and expertise in economic analysis of cropping systems on a global scale

Contacts with leading global actors and shapers in crop production
Some examples of *agri benchmark* research:

- Sustainability Analysis
  - How improve environmental & economic performance EU cropping systems

- International competition
  - Competitiveness of Russian crop production

- Industry & Sector Development
  - Thai Cassava production – new messages for Zambia

- Strategy Analysis
  - Economic benefits from precision farming
Partners in all major crop producing countries

46 Research Partners (universities, scientific institutes and advisory) + 100 typical farms globally

Countries participating in agri benchmark Cash Crop
Countries to come online 2018/2019
Priorities for new partnerships
Major clients & research partners

The full list of Network partners and contacts at: http://www.agribenchmark.org/cash-crop/network.html
Our Farm Accounts Glossary

Gross revenue
+ Prices
+ Coupled payments
+ Other incomes

Total Direct Cost
+ Finance cost field inventory

Direct costs (/. Finance)
+ Irrigation (variable)
+ Crop insurance
+ Drying costs

Establishment costs
+ Seeds
+ Plant protection
+ Fertilizers

Operating costs
Machinery costs
+ Repairs
+ Depreciation
+ Finance

Total labor cost
+ Hired labor
+ Family labor (opp. cost)

Fuel cost
+ Fuel (machinery)
+ Other energy costs

Contractor costs

Other costs
Land
+ Opp. costs own land
+ Land rents

Building costs
+ Repairs
+ Depreciation
+ Finance

Miscellaneous
+ Office costs
+ Farm advisory
+ Farm insurance
+ Farm tax
+ Accounting, etc.

Revenues
Short-term profitability
- Cash costs

Medium-term profitability
- Cash costs
- Depreciation

Long-term profitability
- Cash costs
- Depreciation
- Opp. costs
What do you know about Sunflowers?
A Sunflower production system in the Hungarian

HU1500BA - sunflower after corn

Temperature (°C)

Rainfall (mm)

Aug  Sep  Oct  Nov  Dec  Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep

Seedling  Nitrogen (min/org)  Herbicides  Irrigation  ST  Stubble tillage
Harvest  Phosphorus (min/org)  Fungicides  L  Lime Spreading  P  Plowing
Potash (min/org)  I  Insecticides  oT  Other Tillage  Sw  Swathing
Other (min/org)  Other  SP  Seedbed prep.  W  Weeding
TrP  Transplanting  T  Threshing
Sunflowers – yield and prices

Yields t/ha

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Sunflowers – inputs and operations (USD/t)
Sunflowers – Key Costs and Sales (USD/t)

1. Typical farms RU & UA: very competitive and very profitable
2. Not so much in France with out the benefit of subsidy
3. AR farms impacted by Export tariffs
Want to know more?

Our booklet will explain in more detail the value and workings of agri benchmark.

Help yourself!
Understanding agriculture worldwide

Thank you for your interest in

jointly managed by:  

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