

Information Systems

for business

- Created ISAQuest mobile forms application
 - Supplied to UK's leading food, farming & retail inspection company
 - 200 inspectors
 - 15,000 farms per year
 - Rolling out to retail business – c45,000 inspections p.a.

ISAQuest – mobile forms

- 3 components
 - Q-builder to build forms
 - Server based (on-site or hosted by ISA)
 - Designed for use by non-technical users
 - Web based scheduling and analysis
 - Allocates forms based on data from other systems
 - Designed for ease of integration with internal databases
 - Client application targeted at PDA or Tablet
 - Tablets more suited to complex forms
 - PDA more suited to simpler forms due to screen real estate

Screenshot – tablet pc (complex form)

ISAQuest - Ref1234 - Microsoft

File Client Linked Farms Tools Back Synchronise Help

Sections

- 1 4.3 Pesticide Mixing & Application
- 1 4.4 Environmental Issues
- 6 Plant Nutrition & Soil Care
- 1 6.2 Soil Analysis & Sampling
- 2 6.4 Organic Matter, Soil Structure & Fertilisers
- 9 Crop Harvest, Transport & Storage
- 1 9.8 Pest Control
- 1 11 Waste Management
- 2 12 Training
- 3 17 Traceability, Compliance & Record Keeping
- 3 19 Livestock Movements
- 1 20 Bio-security
- 12 21 Animal Welfare
- 2 22 Young Livestock
- 10 23 Livestock Housing & Welfare
- 12 24 Animal Feed & Feed Additives
- 16 25 Veterinary Visits, Treatments & Medication
- 26 Livestock Transport

Mark Whole Section as N/A

Checklist Filter

☒ All ☐ Unanswered ☐ Non-conformances ☐ Non-conformances at last visit ☐ Marked

☐ Apply filter to all sections

Save Preview Report

21 Animal Welfare

Beef Is there an adequate supply of clean water available at all times

2.2 Standard ☐ Conformance ☐ Major ☐ Minor ☐ N/A

☐ Marked

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Beef Are animals treated, handled, loaded and unloaded in a way that minimizes stress and pain? Are electric goads prohibited?

2.5 Standard ☐ Conformance ☐ Major ☐ Minor ☐ N/A

☐ Marked

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Beef Are livestock checked regularly and appropriate to the class of stock and in accordance with the Defra Welfare Codes?

2.8 Standard ☐ Conformance ☐ Major ☐ Minor ☐ N/A

☐ Marked

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Beef Are animals in appropriate social groupings and fractious/horned cattle housed separately if there is a risk of injury or bullying to other cattle?

2.9 Standard ☐ Conformance ☐ Major ☐ Minor ☐ N/A

☐ Marked

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Beef Are entire males and females managed separately just before becoming sexually active

Guidance Notes...

Ref No: Ref1234 Business Name: Microsoft Last Sync: 19/07/2007 09:02:49

Screenshot – tablet pc (Highlighted)

CMi Cronos DataQuest - 1234 - Home Farm

File Client Linked Farms Tools Back Synchronise Help

Sections

- 4 10.1 Product Washi
- 8 10.2 Pack House H
- 3 10.3 Pack House P
- 5 11 Waste Managemen
- 9 12 Training
- 3 13 Social Issues
- 14 Health & Safety
- 11 14.1 Equipment & P
- 3 14.2 Visitors & Sub
- 4 15 Product Risk Asses
- 3 16 Environmental Issu
- 6 17 Traceability, Comp
- 1 18 Internal Audit Proce
- 28 Crop Specific Ques
- 4 28.47 Potato
- 1 Other Comments

Mark Whole Section as N/A

Checklist Filter

☒ All ☐ Unanswered ☐ Non-conformances ☐ Non-conformances at last visit ☐ Marked

☐ Apply filter to all sections

Save Preview Report

CMi No: 1234 Business Name: Home Farm Last Sync: 24/01/2008 16:31:12

28.47 Potato

APS 47.1 1 Can you produce evidence to show that you take precautions to ensure that potatoes you handle or store are not contaminated by, damaged or exposed to anything that could affect their food quality?

☐ Yes ☐ No ☐ N/A

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Marked

APS 47.2 3 Can you demonstrate that your potato blight spray programmes use the minimum number of sprays necessary for good blight control?

☐ Yes ☒ No ☐ N/A

Record not available

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Marked

APS 47.3 1 Is all potato waste and plastic covers recovered and disposed of, or recycled, in a responsible way?

☐ Yes ☐ No ☐ N/A

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Marked

APS 47.4 3 Where loose potatoes are transported from the field to store, is the haulage equipment cleaned before use?

☐ Yes ☐ No ☐ N/A

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

Marked

APS Where potatoes are stored loose, are the stores cleaned before use? Guidance

Screenshot – tablet pc (Multiple Checklists APS and LEAF at same time)

CMi Cronos DataQuest - 1234 - Home Farm

File Client Linked Farms Tools Back Synchronise Help

Sections

- All Sections
- 5 1 Reference Information
- 20+ 2 Plant Protection Products
- 8 3 Fertiliser Storage
- 4 Plant Protection
- 12 4.1 Crop Pest Monitoring
- 9 4.2 Pesticide Application
- 9 4.3 Pesticide Mixing
- 6 4.4 Environmental Issues
- 2 4.5 Product Harvest
- 11 4.6 Pesticide Residues
- 1 4.7 Various

Mark Whole Section as N/A

Checklist Filter

☒ All ☐ Unanswered ☐ Non-conformances ☐ Non-conformances at last visit ☐ Marked

Reapply Filter

Filter By Scheme:

☒ APS ☒ LEAF

☐ Apply filter to all sections

Save Preview Report

5.1 Sources & Quality

APS, LEAF Have you completed a water management plan for the whole farm, including an action plan?

☐ Yes ☒ No ☐ N/A

Action plan not available

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

☐ Marked

LEAF Do you review your water management plan annually?

5.5 CFP ☒ Yes ☐ No ☐ N/A

Completed and seen

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

☐ Marked

APS Has an annual risk assessment, which considers potential microbial, chemical and physical contamination been carried out on the sources of water for irrigation?

7.3.1 No Score ☒ Yes ☐ No ☐ N/A

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

☐ Marked

APS Is irrigation water analysed annually by a laboratory accredited to ISO17025 for microbial, chemical and mineral pollutants?

7.3.2a No Score ☒ Yes ☐ No ☐ N/A

< no comments in previous assessment >

Guidance Notes... Comments... Use Answer

☐ Marked

APS Are irrigation water quality records maintained and reviewed regularly?

7.3.2b

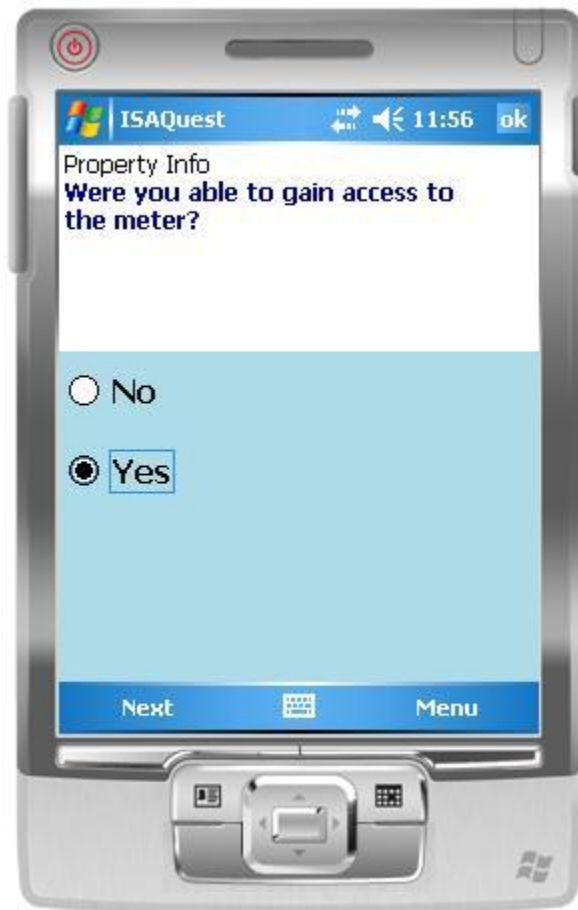
Guidance Notes...

CMi No: 1234 Business Name: Home Farm Last Sync: 24/01/2008 16:31:12

Screenshots PDA



Screenshots PDA



Screenshots PDA



Screenshots PDA



Screenshots – Q-builder

The screenshot displays the Q-builder application window. The top menu bar includes 'File', 'Tools', and 'SQL'. Below the menu is a tabbed interface with 'Questionnaire', 'Questions', 'Sections', 'Subjects', 'Repeating Groups', 'Answer Types', 'Importance', 'Custom Properties', 'Conditions', and 'Test'. The 'Sections' tab is active, showing a table of questions.

Question Id	Reference	FixedId	Section	Question Text	QuestionTypeName	AnswerTypeNe
Locate?			Property Info	Can you locate the address?	List	Yes/No
Prop Type			Property Info	What type is the property?	List	Property type
Meter access			Property Info	Were you able to gain access to the meter?	List	Yes/No
Meter serial			Property Info	Confirm meter serial number	Text	
Paid?			Payment Info	What payment was obtained?	List	Payment obtain
Pay type			Payment Info	Please select payment type	List	Payment type
Debtor sign			Payment Info	Debtor sign here to confirm details	Signature	
Payment Date			Property Info	If full payment not made, when will remainder be settled by?	Date	
Meter Condition			Property Info	Please enter condition of meter now	Text	Yes/No

Below the table, there is a form for editing a question. The fields are as follows:

- Question ID:
- Section:
- Reference:
- Seq No:
- Question Text:
- Explanation:
- Question type:
- Fixed Id:
- Display As:
- Answer List:
- Importance:
- Repeating Group:
- ☐ Answer Required?
- ☐ Comment Required?
- Custom Properties:

Code	Value
<input type="text"/>	

A 'Copy Selection' button is located at the bottom left of the form.

Screenshots – Q-builder

