



Quality

Track crop quality and understand market suitability at a glance

Crop quality data management without the spreadsheets

- Customisable templates for capturing quality results
- Set the thresholds for each market or category you supply
- Record chemicals detected and crop attributes
- Add photos and attachments to support lab results and observations

The screenshot displays the KisanHub Quality management interface. At the top, there's a 'Market suitability' and 'Plot status' section. Below that is a table listing plots with their respective statuses (Standard prepack, Salad, Chipping) and plot statuses (Scheduled for harvest, Results received). The 'Detections' table shows test parameters, detection mg/kg, and percentages for CH and EU. The 'Test results' section shows a table with columns for %GCC, %ID, %KF, and %RU, and a 'Market suitability' section with buttons for EU, CH, ID, RU, KF, and GCC. The 'Test results' section also shows a dropdown for test parameters and a button to add another test parameter.

Plot	Standard prepack	Salad	Chipping	Plot status
Adora	Standard prepack	Salad	Chipping	Scheduled for harvest
Chicago	Standard prepack	Salad	Chipping	Results received
Infinity	Standard prepack	Salad	Chipping	Scheduled for harvest
Infinity	Standard prepack	Salad	Chipping	Scheduled for harvest
Alevia	Standard prepack	Salad	Chipping	Results received

Test parameter	Detection mg/kg	% CH	% EU
1-Naphthylacetamide and 1-na...	7	7,000.00	11,666.67
4-CPA (4 Chlorophenoxy acetic ...	3	-	30,000.00

%GCC	%ID	%KF	%RU
0.00	0.00	0.00	0.00
PASS	PASS	PASS	PASS

Market suitability: EU (FAIL), CH (PASS), ID (PASS), RU (PASS), KF (PASS), GCC (PASS)

Test results: 1-Naphthylacetamide and 1-naphthylacetic acid (s... 0.00, 4-Chloro-3-methylphenol 0.00

Quality

A complete record of crop quality from farmyard through to delivery



Reduce Waste

With greater visibility of crop quality you can find a suitable market for your produce and avoid food loss



Increase Margins

Negotiate higher prices with evidence of crop quality at every stage of production

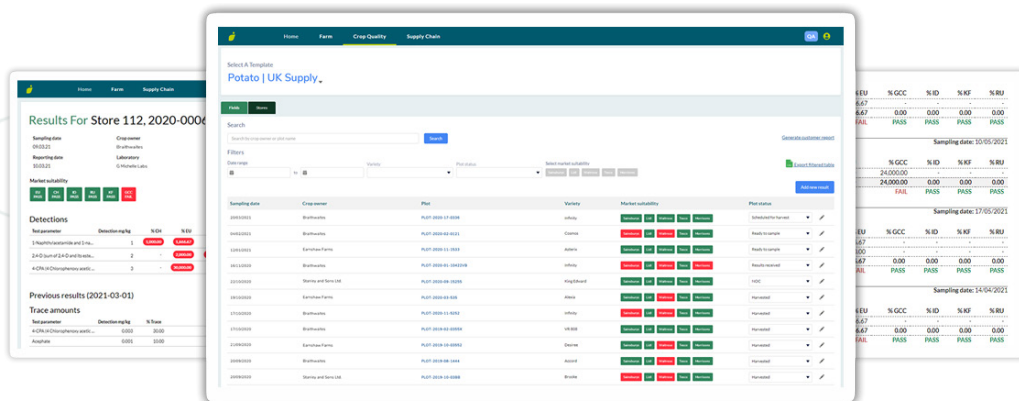


Transparency

Availability of lab results and tests provide customers with complete history of production

Crop assessments from field or store, captured and analysed for market suitability

With increasing demands on Producer Groups to meet a complex range of customer specifications, Quality gives you greater visibility of stock condition and the range of viable markets available



For Procurement Teams

Benchmark your supply network and review performance based on the calibre of crops supplied

For Commercial Teams

Easy to view tables and market suitability indicators to help you make smarter commercial deals

For Supply Chain Analysts

Analyse lab reports to move or sell crops before waste occurs and to optimise harvest dates



Crop Quality Made Simple

Complex supply networks managed by Producer Groups can easily create hundreds or even thousands of fields and plots to track.

Coordinating and recording quality checks across a large, disparate inventory of fresh produce can be challenging, particularly when the data needs to be sent from external laboratories and shared with a range of stakeholders.

KisanHub's Quality module brings your lab results, tests and observations into one intuitive online application for web and mobile.

Quality shows at a glance, which crops meet the acceptance criteria for a range of customers, trading blocs or product lines so it's easier to find a market for all grades of fresh produce. Quality assessments can be recorded on any crop that exists as a plot or store lot on the platform

Chemical Detection Testing

Results from chemical detection tests can easily be captured using a data entry template which has been set up for crop and market suitability (see opposite). Lab results can be applied to crops currently in the field or have already been harvested and kept in storage.

Choose from over 200 common chemical tests for fresh produce in a handy drop down menu. Add values for chemicals detected as well as trace elements to quickly create a record of crop quality. You can also upload images of the actual crops or attach documents.

Test parameter	Result
2,4-D (sum of 2,4-D and its esters expressed as 2,4...	0.3
4-CPA (4 Chlorophenoxy acetic acid)	4.1

The results show at glance which tests for crop quality have passed and failed based on chemical detection thresholds.

Sampling date	Crop owner	Crop	Variety	Attached Files
06.07.21	Earnshaw and Sons Ltd.	Potato	Adora	Lab report.pdf
Reporting date	Laboratory			
06.07.21	JC lab			

Market suitability

EU	CH	RU	AF	GCC
UK	IND	PAK	PHI	TAI

Detections							
Test parameter	Detection mg/kg	% CH	% EU	% GCC	% ID	% KF	% RU
2,4-D (sum of 2,4-D and its este...	34	-	34,000.00	68,000.00	-	-	-

With all your quality data available in one place you can use search and filter tools to locate reports and add repeat tests where necessary. You can even search based on market suitability to find the range of crops which would meet the criteria for a specific contract.

Creating templates

KisanHub's Quality application gives you the flexibility to create custom templates which ensure data integrity and make entering lab results more efficient.

Template name	Markets	No. Parameters	Crop
Potato ROW1	EU CH RU AF GCC	246	Potato
Potato ROW2	EU CH RU AF GCC	247	Potato
Pineapple	EU-UK Imp/Ex	201	Grape
Grape	EU UK	2	Potato
Importing safety quality	Importing safety quality	10	Barley
Barley EU	Market 1 Market 2 Market 3	4	Barley
Carrots RU	EU	1	Carrots
Barley ROW	Other	3	Barley
Potatoes 2020	Importers Exr Wholes	3	Potato
Fresh carrots	Market 1 Market 2 Market 3	1	Carrots
UK suppliers	Market 1 Market 2 Market 3	1	Potato
UK suppliers 1	EU Importers Wholes	3	Potato

Market acceptance thresholds

Templates can also store the acceptance criteria for your target markets including supermarket chains, trading blocs or product categories.

Set chemical thresholds for any of your trading partners or product lines.

Tesco

Min *Max

Now, when lab results are entered KisanHub's Quality module will immediately show which markets the crop is suitable for.

Sainsbury's Lidl Waitrose Tesco

Fresh Chipping Crisps

Crop Attribute Testing

Capture the current condition of your fresh produce using the Crop Attribute Testing feature.

The tests are customisable and can be configured to record any parameter such as protein content, moisture and common defects such as mechanical damage and bruising.

Add your results to the test template along with comments or pictures. Set thresholds for each parameter to build up a picture of market suitability.

Test parameter
Mis-shapes
Mechanical damage
Bruising minor
Bruising major
Common scab minor
Common scab major
Star cracking minor
Star cracking major
Black scurf minor
Internal - Rust/Spraing

Results For PLOT-0223

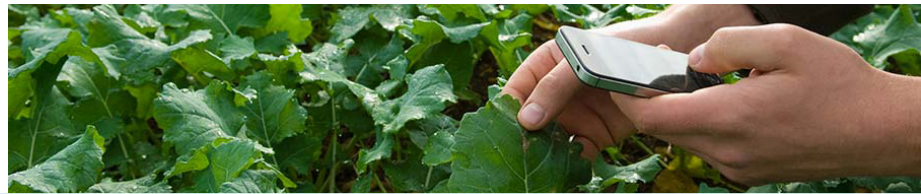
Sampling date	Crop owner	Crop	Variety	Attached Files
10.03.21	Braithwaites	Potato	Alexa	Full_Report.pdf
Reporting date	Laboratory			
10.03.21	NRM crop lab			
Market suitability	Standard Prepack FAIL Chipping PASS Crisps PASS			

Additional data

Sample weight (kg)	Temperature	Dry matter (%)	Assessed by	Accepted by
10kg	42-55°F	20	M Godburgh	L Cresswell

Comments Box

Evidence of bruising during harvest



Home	Farm	Crop Quality	Supply Chain	Admin	QA		
Selected markets: CH, EU, GCC, ID							
Team: Barwicks Team 2		Plot: PLOT-2018-19-0014		Sampling date: 05/07/2021			
Active Ingredient (1)	Detection (mg/kg)	% CH	% EU	% GCC	% ID	% KF	% RU
2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)	34	-	34,000.00	68,000.00	-	-	-
Total detection	0.00	0.00	34,000.00	68,000.00	0.00	0.00	0.00
Status	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS
Team: Bob's Farm							
Plot: PLOT-2018-19-0149		Sampling date: 05/07/2021					
Active Ingredient (3)	Detection (mg/kg)	% CH	% EU	% GCC	% ID	% KF	% RU
2,4-D (sum of 2,4-D and its esters expressed as 2,4-D)	0.3	-	300.00	600.00	-	-	-
4-CRA (4 Chlorophenoxy acetic acid)	4.1	-	41,000.00	-	-	-	-
Allethrin and Bioallethrin	2.9	-	29,000.00	-	-	-	-
Total detection	0.00	0.00	70,300.00	600.00	0.00	0.00	0.00
Status	PASS	FAIL	FAIL	PASS	PASS	PASS	PASS

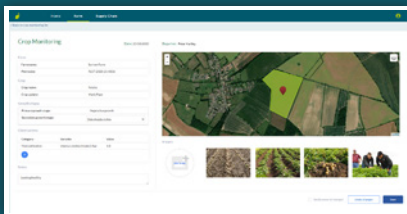
Downloadable reports

Send customers or stakeholders full reports based on your own custom quality criteria.

Reports contain full details of chemicals detected plus pass or fail results for target markets.

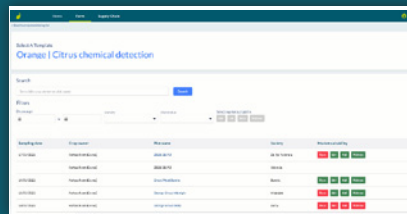
Use Quality with other KisanHub modules for extra benefits

Quality is just one component of KisanHub's agri-food supply chain software suite for web and mobile. Connect to additional modules to streamline and transform your fresh produce business.



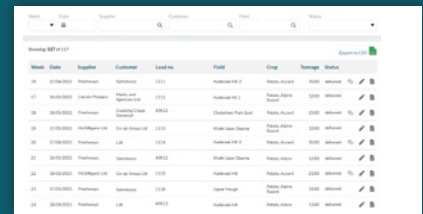
Monitor

Connect to existing field and crop data, compare results with diaries



Inventory

Link Quality data to Lots and Plots registered across your network



Supply

Quality data passed on at delivery for fully transparent crop history

Request a free demo at www.kisanhub.com

Leading Producer Groups rely on KisanHub to manage their product quality data



ABInBev

jupiter GROUP



manor fresh limited



[📞] 44 (0)845 456 2432 [✉️] hello@kisanhub.com

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