



LITE FARM



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LiteFarm

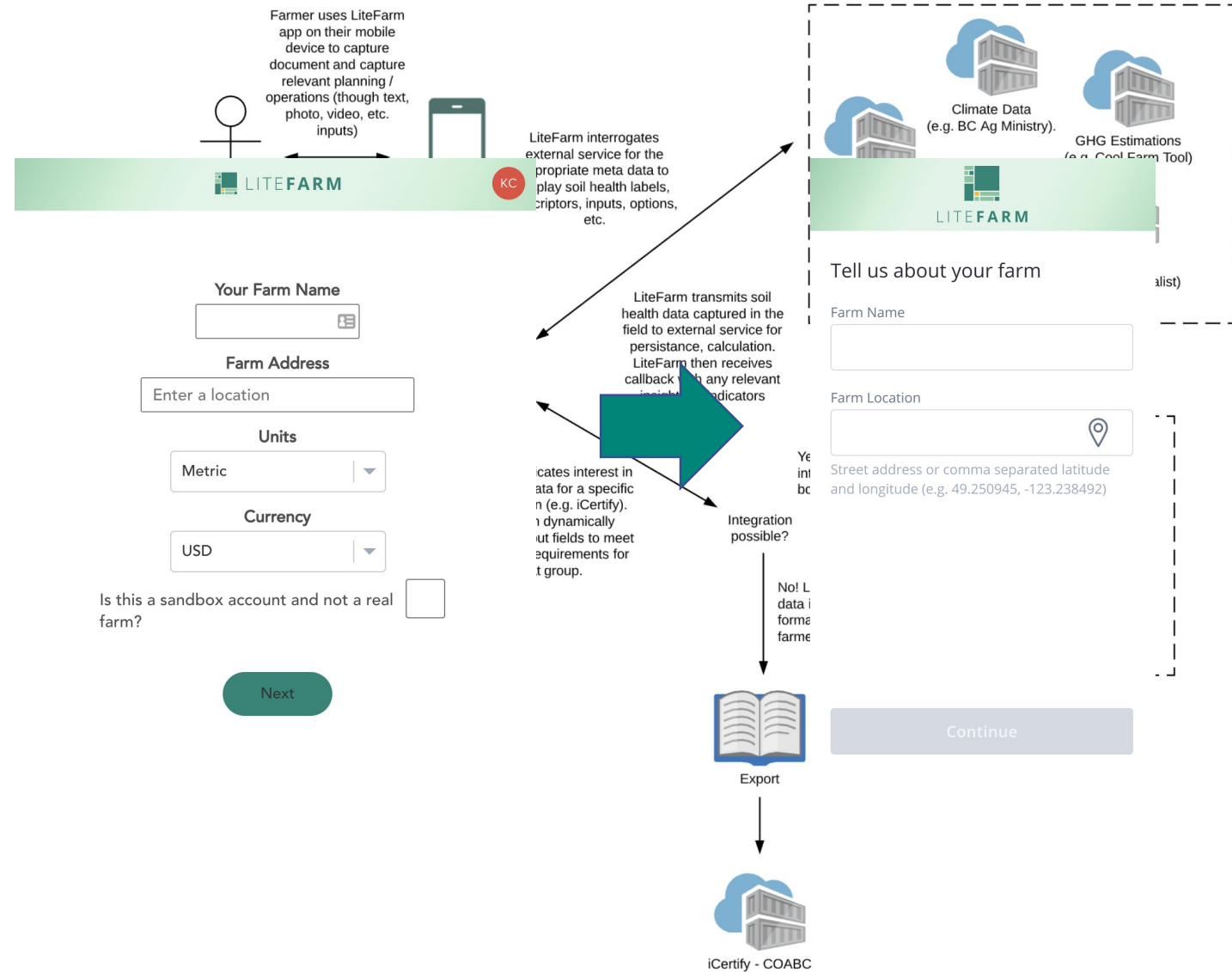
A free and open source farm management tool built for current and aspiring sustainable farmers.

[Try the app](#)

Our Strategy

Three pronged:

1. Focus on usability and utility for farmers
2. Help farmers make a living
3. Connect farmers with expert knowledge and tools to improve their practice



6

CONTINENTS

125+

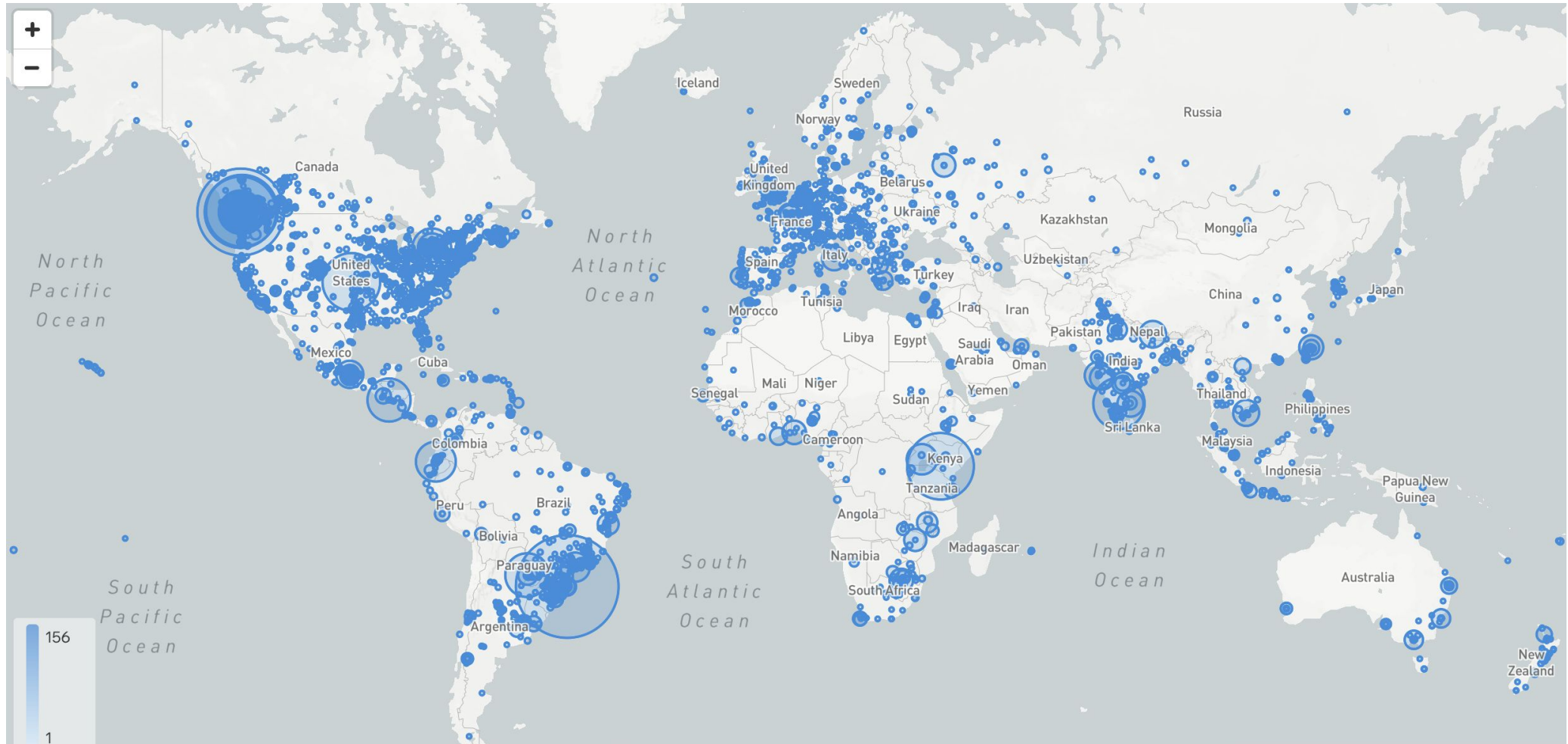
COUNTRIES

2500+

FARMS

3000+

USERS



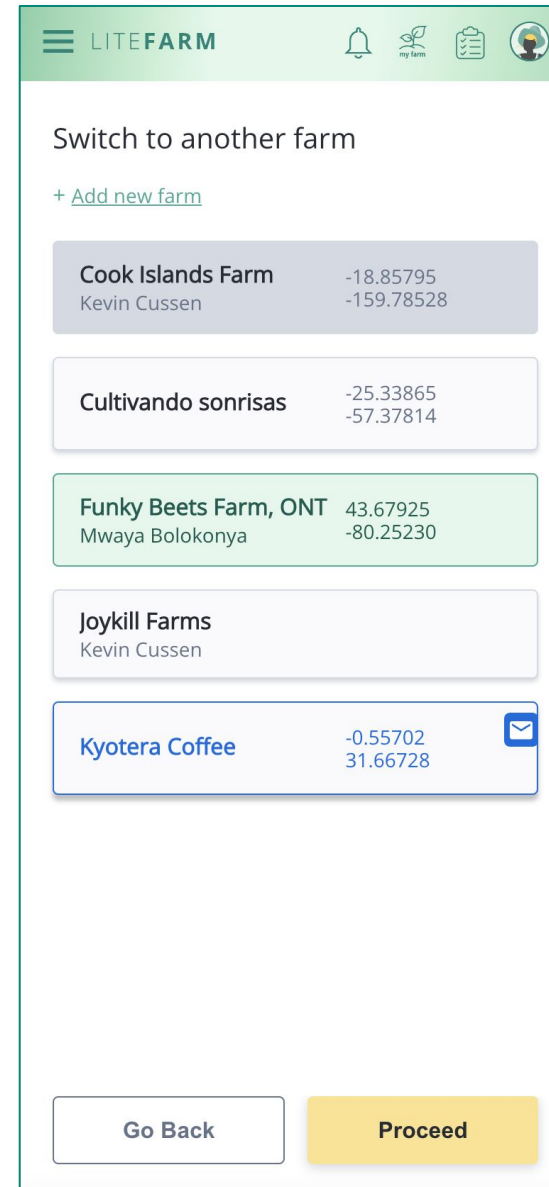
Agenda

- 1. How LiteFarm supports farmers and researchers today*
- 2. Our priorities for the next year*
- 3. Collaboration ideas*

Multi-farm access

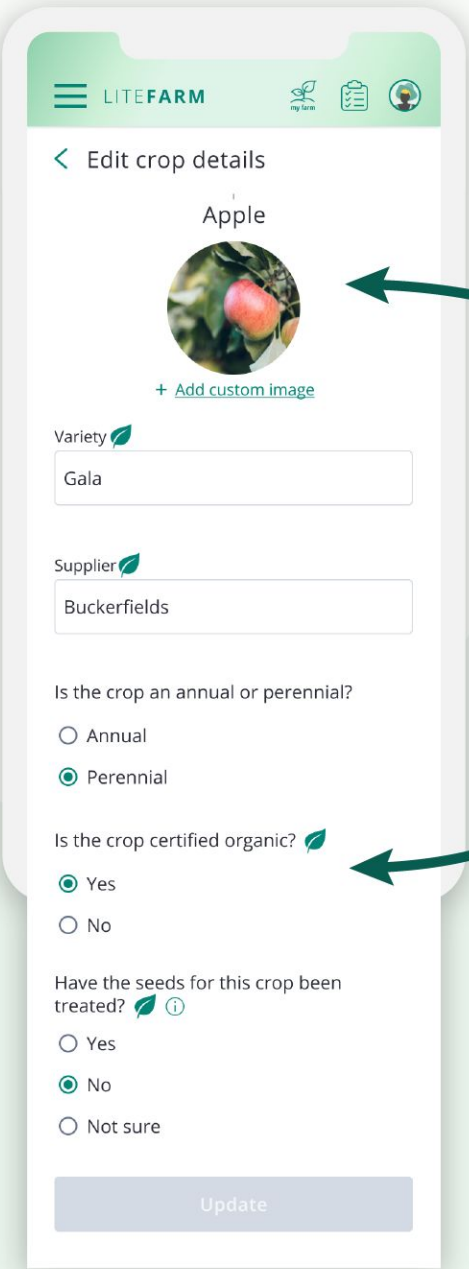
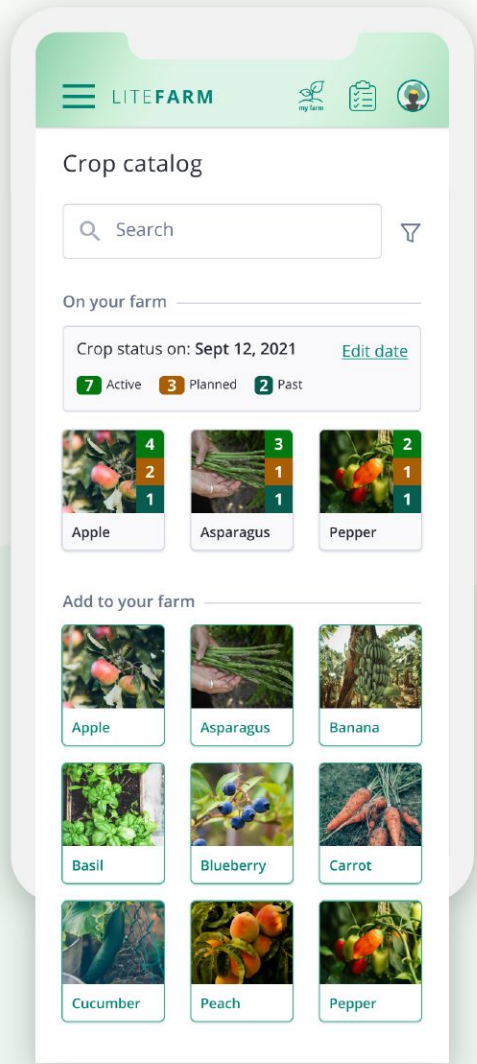
Accounts are owned/controlled by farmers

Extension folks and researchers can access any number of farms from the same app with a single log-in, via invite from farmer.



Crops

375 different crop types supported



Customize attributes for varieties

Track attributes related to the organic status

Management Plans

LITEFARM

Carrot
Variety: Nantes
Supplier: Buckerfields

Management Details

Management Plans
[+ Add a plan](#)

Plan 1 Active
Field 1 | Row 1
Apr 26, '21 - Nov 18, '21 4 Pending tasks

Plan 2 Planned
Field 1 | Row 1
Apr 26, '21 - Nov 18, '21 4 Pending tasks

Plan 3 Completed
Field 1 | Row 1
Apr 26, '21 - Nov 18, '21 4 Pending tasks ★★★★☆

Plan ratings

All tasks tied to a crop in one place

Plan 1 [Edit Plan](#)

[+ Add a task](#)

Planting Active
Field 1 | Carrot
Apr 26, 2021 1 Unassigned task

Transplant Planned
Field 1 | Carrot
Apr 26, 2021 1 Unassigned task

Harvest Planned
Field 1 | Carrot
May 28, 2021 1 Unassigned task

Failed crop? [Abandon this management plan](#)

Additional crop details

Will you be planting this crop or is it already in the ground?





- Planting
- In the ground

How will you plant this crop?

- Seed
- Seedling or planting stock

Planting method specifications

What is the planting method?

- Rows 
- Beds 
- Individual or container 
- Broadcast or drill 

Suggested planting instructions

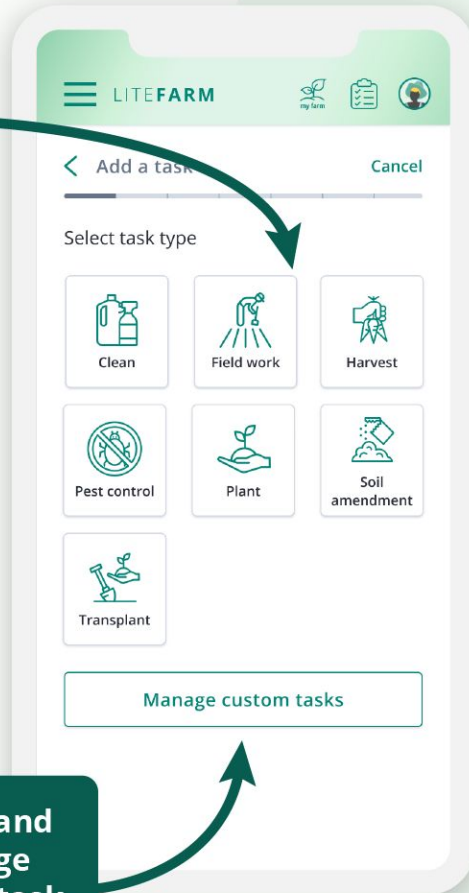
of rows Length of row ft

Plant spacing in

Estimated seed required seed Estimated yield lbs

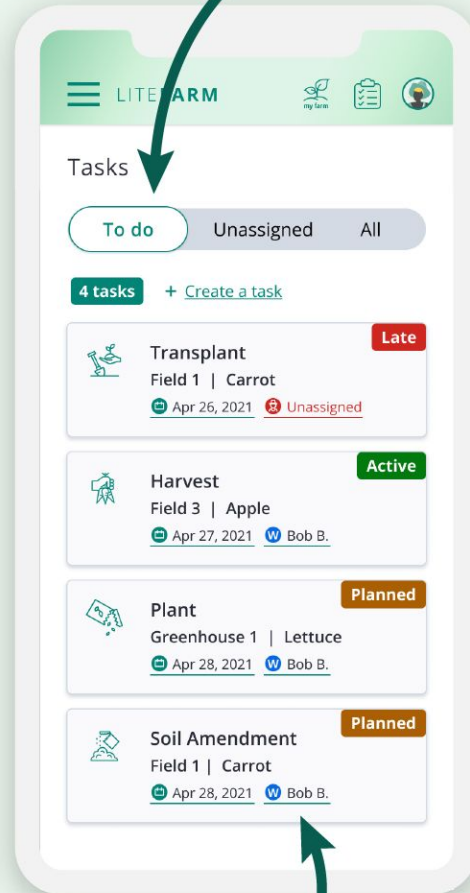
Tasks

7 custom task types supported

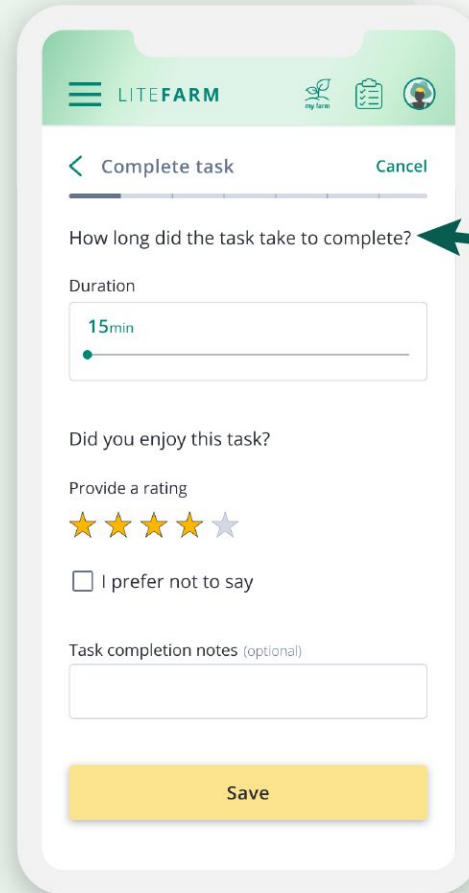


Create and manage custom task types

View a personal "To-do" list



Quickly change assignees



Add task completion details

Satisfaction ratings



Blueberry
Variety: Lady Vie
Supplier: Uprising

Plan 5

Tasks | Details

- Planting** (Completed) ★★★★★
J Field | Lady Vie
Oct 6, 2021 | L.F. C.
- Soil Amendment** (Completed) ★★★★★
J Field | Lady Vie
Dec 14, 2021 | L.F. C.
- Harvest** (Completed) ★★★★★
J Field | Lady Vie
Dec 17, 2021 | L.F. C.
- Transplant** (Abandoned) ★★★★★
J Field | Lady Vie
Oct 26, 2021 | L.F. C.

< Abandon task

Abandoning this task will change its' status to abandoned and remove it from all users 'To do' and 'Unassigned' lists.

When was the task abandoned?

Abandonment date
2023-02-24

Reason for abandoning
Weather

Was any work completed for this task? ⓘ

Duration
30mins

No work was completed

Did you enjoy this task?
Provide a rating
★★★★★

I prefer not to say

Task abandonment notes (optional)
Ground was too soggy to continue today

Abandon

Detailed economic data

Collected by farmers at the time of sale or forecast, for their own purposes. Not recollected after the fact.

The screenshot shows the 'Estimated Revenue' screen in the LITE FARM app. At the top, it displays 'Whole farm revenue' as \$6916.40. Below this, there is a date range filter set from 2022-01-01 to 2024-01-01. The main content is a list of crops with their respective revenue and dates:

Date	Revenue
Gala, Apple	\$2400.00
Plan 1 Mar 24,'22	\$2400.00
Northern Spy, Apple	\$1984.16
Plan 1 Mar 25,'22	\$1984.16
Viking, Asparagus	\$603.19
Plan 1 Mar 24,'22	\$603.19
Lemon, Basil	\$1929.05
Plan 1 Mar 17,'22	\$1929.05

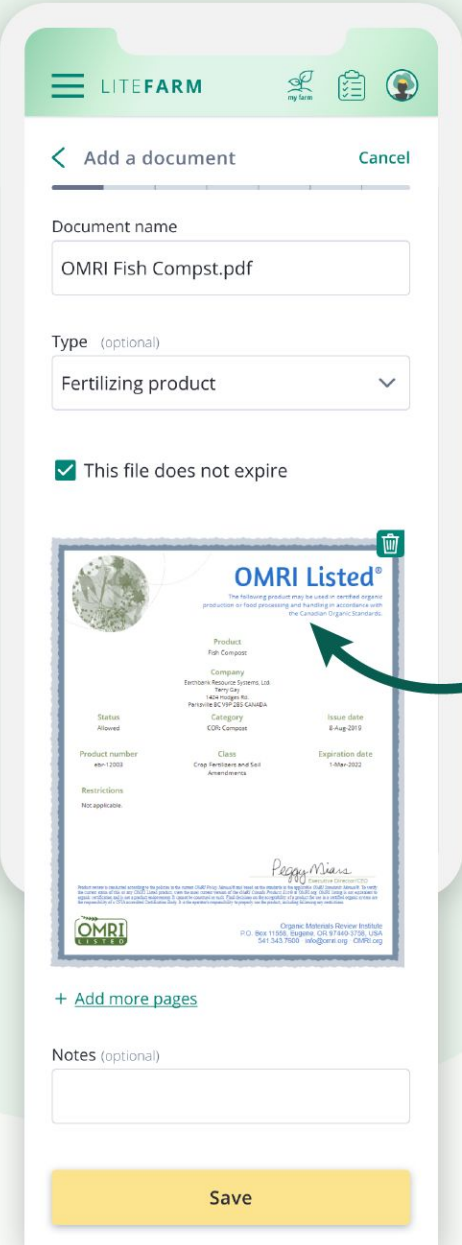
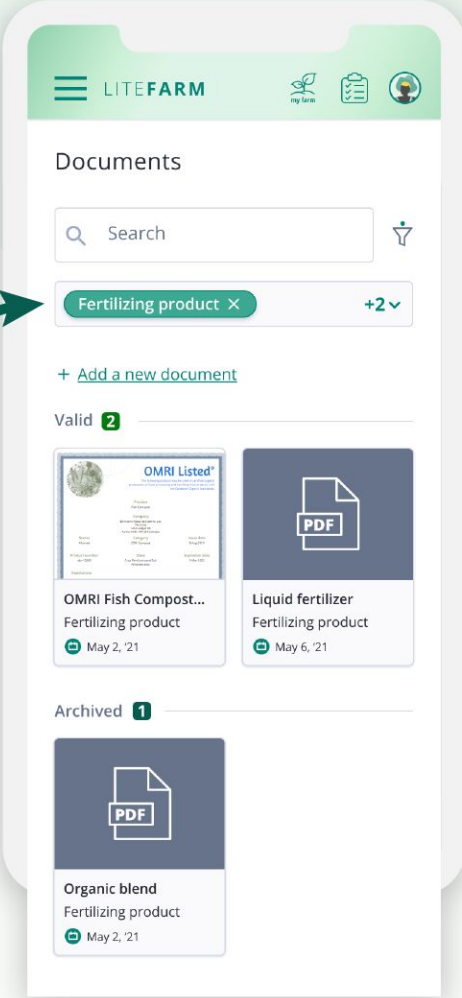
The screenshot shows a summary screen in the LITE FARM app. It features two buttons at the top: 'Add New Expense' and 'Add New Sale'. Below these are date filters for 'Filter Report by Date' from 2022-01-01 to 2024-01-01. The screen is divided into three main sections: 'Expenses', 'Revenue', and 'Balance (Whole Farm)'. The 'Expenses' section shows 'Labour' at \$384.75 and 'Other Expenses' at \$9139.00. The 'Revenue' section shows 'Actual' at \$3825.00 and 'Estimated' at \$6916.40. The 'Balance (Whole Farm)' section shows a summary: Revenue: \$3825.00, Expenses: \$9523.75, and Balance: \$-5698.75.

Category	Amount
Labour	\$384.75
Other Expenses	\$9139.00
Actual Revenue	\$3825.00
Estimated Revenue	\$6916.40
Revenue	\$3825.00
Expenses	\$9523.75
Balance	\$-5698.75

Documents

Track receipts or compliance documents

Filter by category or expiration date



Upload files or take photos with a phone camera

Certifications

Record D- Seed and Planting Stock

OPERATION NAME Farm2 Date Completed:

Reporting Period From: 2021-07-01 To: 2021-07-31

List ALL seed and planting stock used during the reporting period. Please note:

1. Ensure that purchase receipts, labels, tags and organic certificates for all seed/stock is available for review during inspection.
2. Where **non-organic seed/stock** is used, the following documentation is required to be available at inspection:
 - A. Commercial Availability Search per COS 5.3-(Record D1 or equivalent)
 - B. Documentation confirming non-GE status
 - C. Documentation confirming that any treatments, such as inoculants or seed coatings are PSL compliant (note: NOP compliance is not sufficient)

Seed Crop/Variety or Planting Stock	Source / Supplier	Lot # (where applicable)	Seed/Stock Status = Certified Organic (Y/N)	If Non-CO Seed/Stock, is a Search completed (Y/N)	List seed Treatments (If Any)	
Black pepper, test crop, with plai	Raul's apriss		N	Y	YES	Y
Black pepper, test crop, with plai	Raul's apriss		N	Y	YES	Y
Black pepper, test crop, sin plan	Bill's clovers		Y	N/A	YES	Y
Blueberry, new, test crop sin plan	Candice's corn		Y	N/A	NO	N
Parsies Parsnips	Parsies		Y	N/A	NO	N
Parsies Parsnips	Parsies		Y	N/A	NO	N
Blueberry, non cover crop	Burt's berries		N	Y	NOT_SURE	N
Blackberries, non cover crop	Burts berries		Y	N/A	NOT_SURE	N
Clover, Cover Crop	Bill's clovers		Y	N/A	NO	N
apricot, non cover crop	Raul's apriss		Y	N/A	NOT_SURE	N
Mama's sweet celeriac	Those excellent celeriac providers		Y	N/A	NO	N
Grapefruit	Sweetums		N	Y	YES	Y
Sure is sour Lime	Lemon's limes		Y	N/A	NO	N
Full of water	H2O melons		Y	N/A	YES	Y
Snip's par	Arsn pip		Y	N/A	NO	N
Sweet seeds	Seeders seeds		N	N	NOT_SURE	N
Lupino, cover crop	Lupin's lupino		Y	N/A	NO	N
Clover, Cover Crop	Bill's clovers		Y	N/A	NO	N
Mama's sweet celeriac	Those excellent celeriac providers		Y	N/A	NO	N
Beans, new test	N/A		Y	N/A	YES	Y
Blueberries	N/A		N	Y	YES	Y
UNKNOWN	N/A		N	Y	NOT_SURE	N
UNKNOWN	N/A		N	Y	NOT_SURE	N
apricot, non cover crop	Raul's apriss		N	Y	YES	Y
apricot, non cover crop, test 1	Raul's apriss		N	Y	YES	Y
Grapefru			Y	N/A	NOT_SURE	N

Automatically generate forms and export supporting documents

LITE FARM

Certifications

You are pursuing **Organic** certification from:

Islands Organic Producers Association (IOPA)


No longer pursuing this certification or working with this certifier? No problem! [Change your certification preferences](#)

Export

LITE FARM

< Export certification docs Cancel

Good news!



It looks like LiteFarm has all the information we need to process your certification documents. We'll send them to you at:

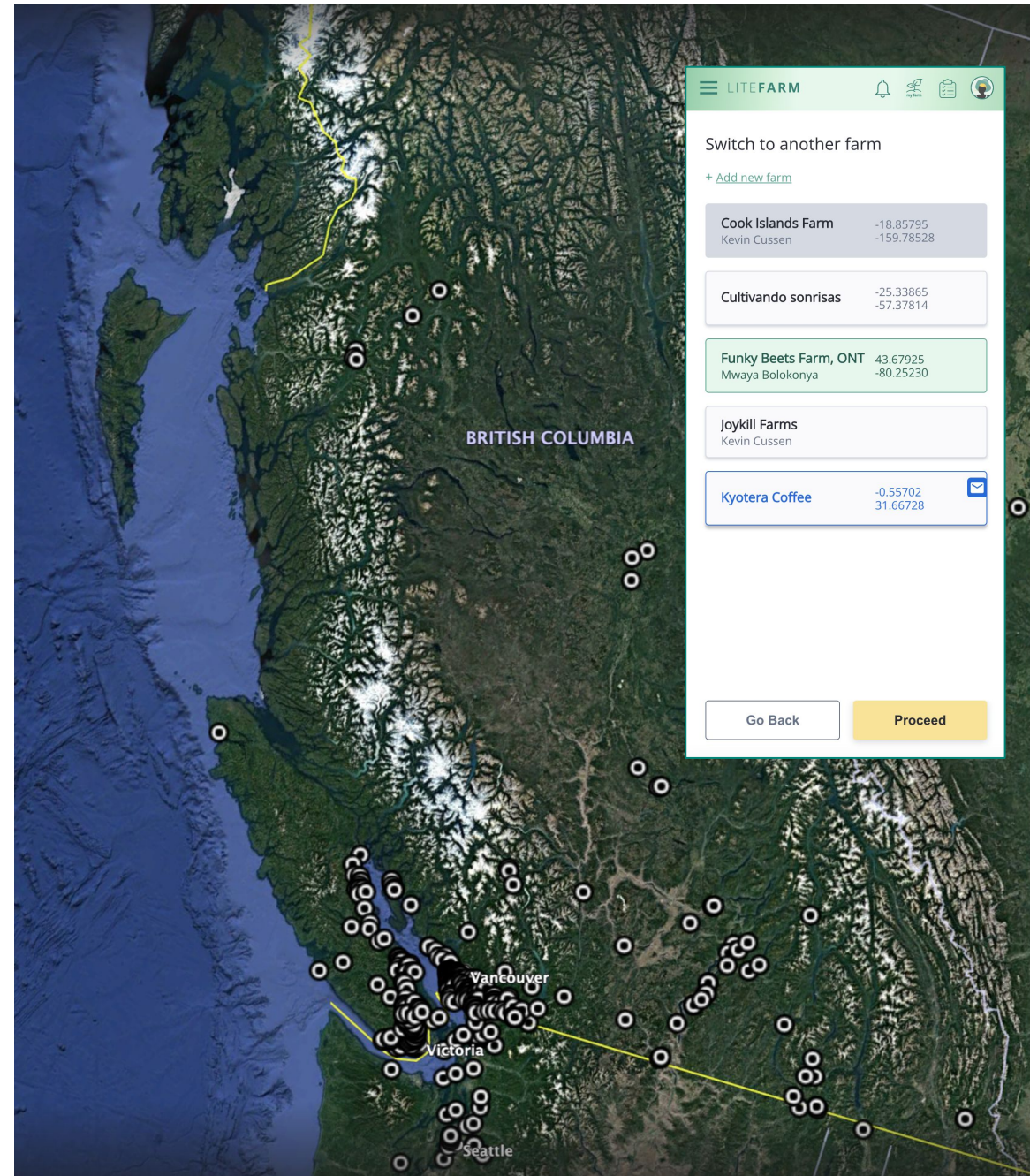
johndoe@gmail.com.

Export



Data sets

Access to tens of thousands of data points from hundreds of farms in BC



Living Lab relevant features / benefits

- *Detailed cost of production data*
- *Records of BMP adoption and detailed farm input usage data*
- *Qualitative and quantitative satisfaction ratings for BMPs*
- *Whole farm sustainability indicators*
- *Multi-farm access with one login*
- *others...*

... and access to data from more than 300 farms in BC

On our roadmap

- *A researcher portal for performing detailed queries on existing data sets*
- *Support for livestock and integrated cropping systems*
 - *Integrated cropping systems*
 - *Pasture management*
 - *Animal health and breeding*
 - *Nutrient management calculations and guidance*
- *Whole farm GHG calculations (via integrations with tools like HOLOS*, CoolFarmTool, CometFarm)*
- *Expanded sustainability indicators*

** Published under an open source license, but no API to access programmatically*

Ways to collaborate

Do we have what you need today?

Great! Get in touch with Hannah

Is your interest on our roadmap?

Awesome, join an advisory group to make sure we build it right

Not seeing what you need?

Let's collaborate on a proposal to get it built



For learning more about, using, augmenting,
or integrating with LiteFarm:

Kevin Cussen

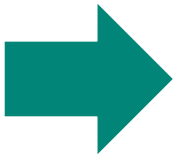
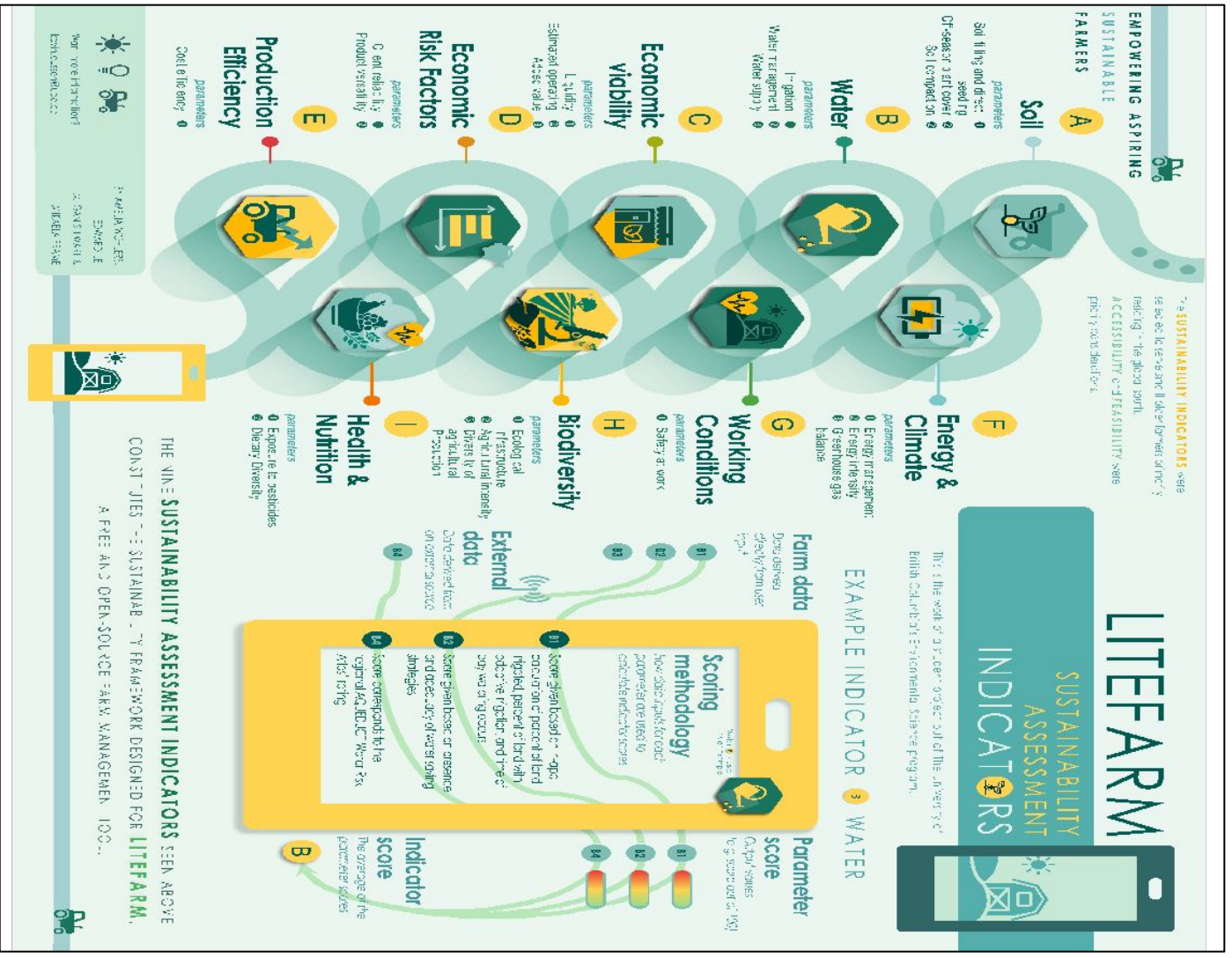
kcussen@litemfarm.org

For using LiteFarm data sets or to perform
or collaborate on research with LiteFarm:

Hannah Wittman

hannah.wittman@ubc.ca

Expanded our indicators



LITEFARM

Insights

- Soil OM**
Current: 1.25%
- Labour Happiness**
Current: 3.72/5
- Biodiversity**
Click to calculate
- Prices**
Current: 0