FARMTECH

FarmTech Solutions, Inc. · Choteau, Montana · USA

Spray and Tell User Manual

Spray records, products, tank mixes and crop scouting on FarmIQ™

Version	v1.0
Revised	2026-11-22
Applies to	Spray and Tell on FarmIQ™ (farmiq.us), on a computer, tablet or phone

Spray and Tell

What this system does

Spray and Tell is your spray log in FarmIQ™. Record each application: the fields, the date, the water rate, each product and its rate, and notes. FarmIQ adds the day's weather for each field. The mix calculator works out how much of each product to load and how many tank loads the job takes.

The **Products** tab keeps your product list, saved tank mixes, target weeds and applicators. The **Crop Scout** tab identifies weeds from a photo and saves a scout report with your location.

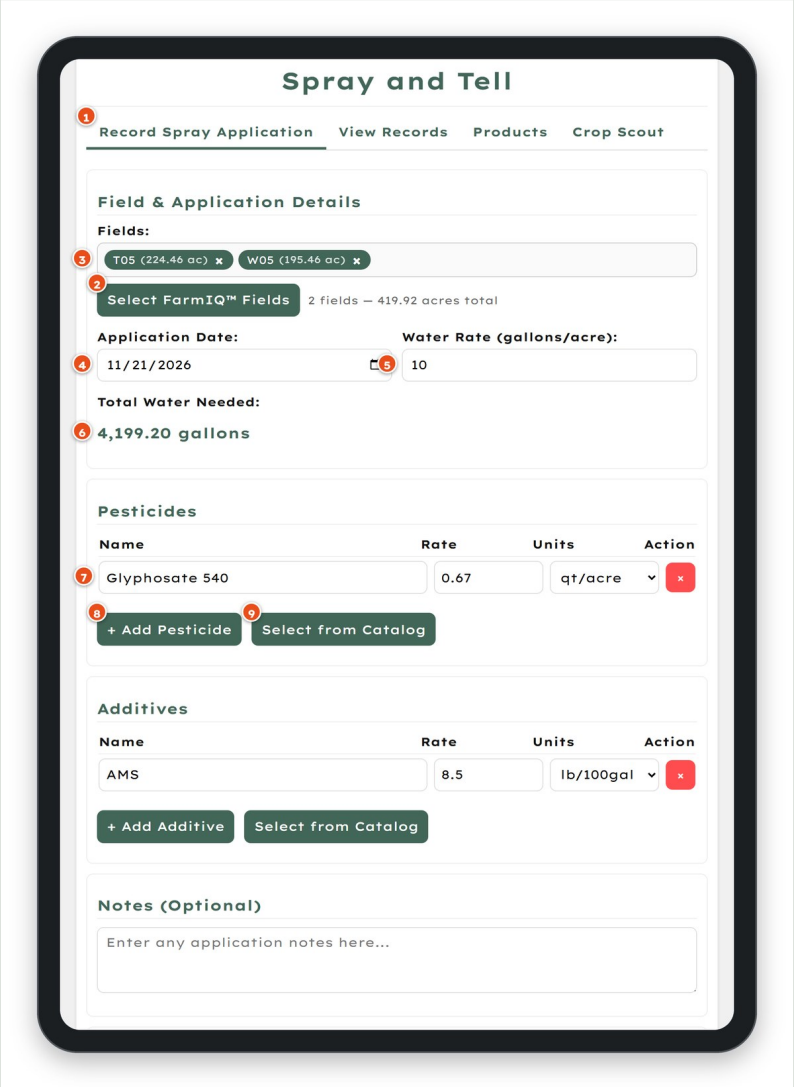
Spray and Tell is a log you keep. It does not check labels, rates, buffer zones or rules. Always follow the product label: the label is the law.

For your FarmIQ account, logging in and adding fields, see the **Getting Started with FarmIQ** guide.

The screen at a glance

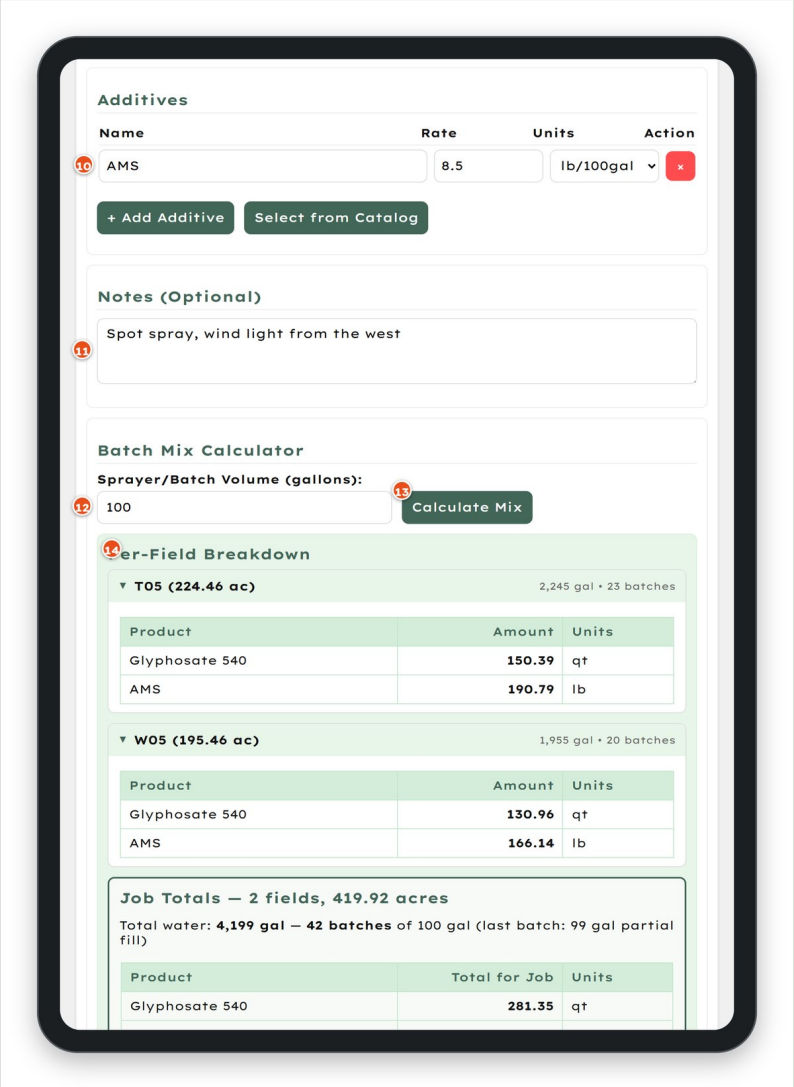
Spray and Tell has four tabs across the top: **Record Spray Application**, **View Records**, **Products** and **Crop Scout**. On a phone, swipe left or right to move between tabs.

Record Spray Application



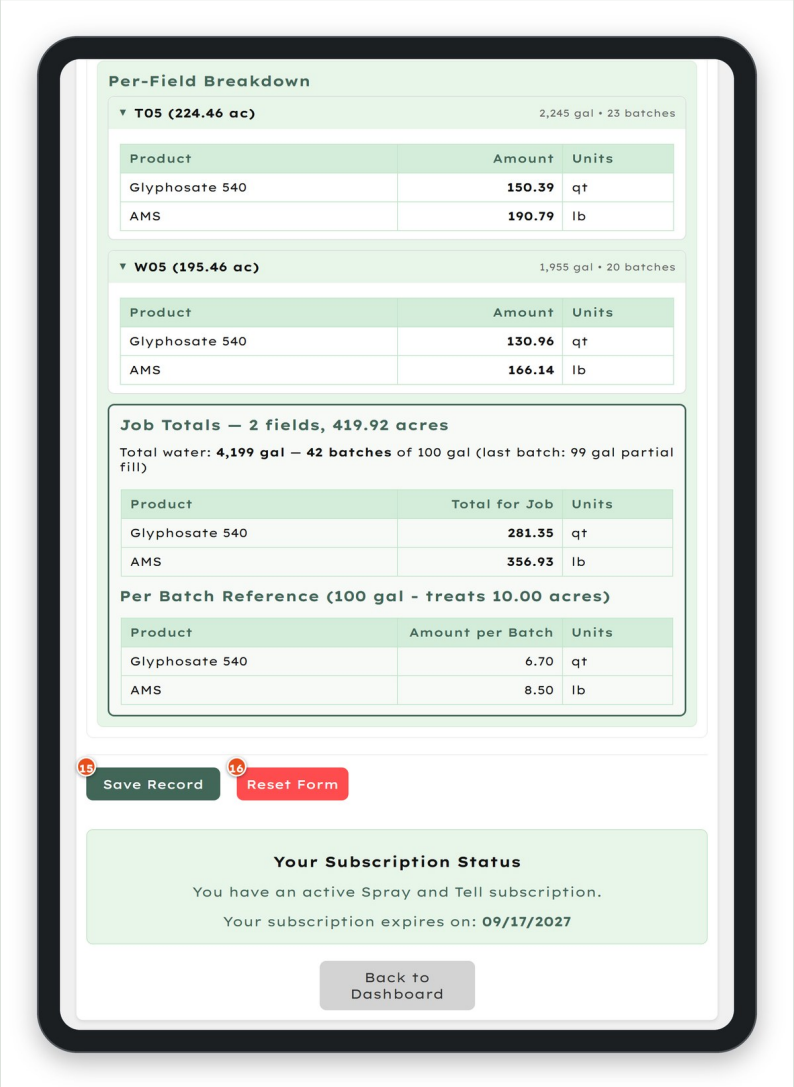
The Record Spray Application tab with two fields and a product filled in, numbered.

#	Button or area	What it does
1	Record Spray Application	The tab for recording a new application.
2	Select FarmIQ™ Fields	Choose the fields you sprayed. Shows the number of fields and total acres.
3	Field chips	The chosen fields with their acres. × removes one.
4	Application Date	The day you sprayed. It starts at today.
5	Water Rate (gallons/acre)	Your carrier rate.
6	Total Water Needed	Water rate times the acres of all the chosen fields.
7	Pesticides line	Name, Rate and Units of one product. The red × removes the line.
8	+ Add Pesticide	Add another product line.
9	Select from Catalog	Pick products from your product list. Their default rate and unit fill in.



The rest of the form: additives, notes and the Batch Mix Calculator with its results, numbered.

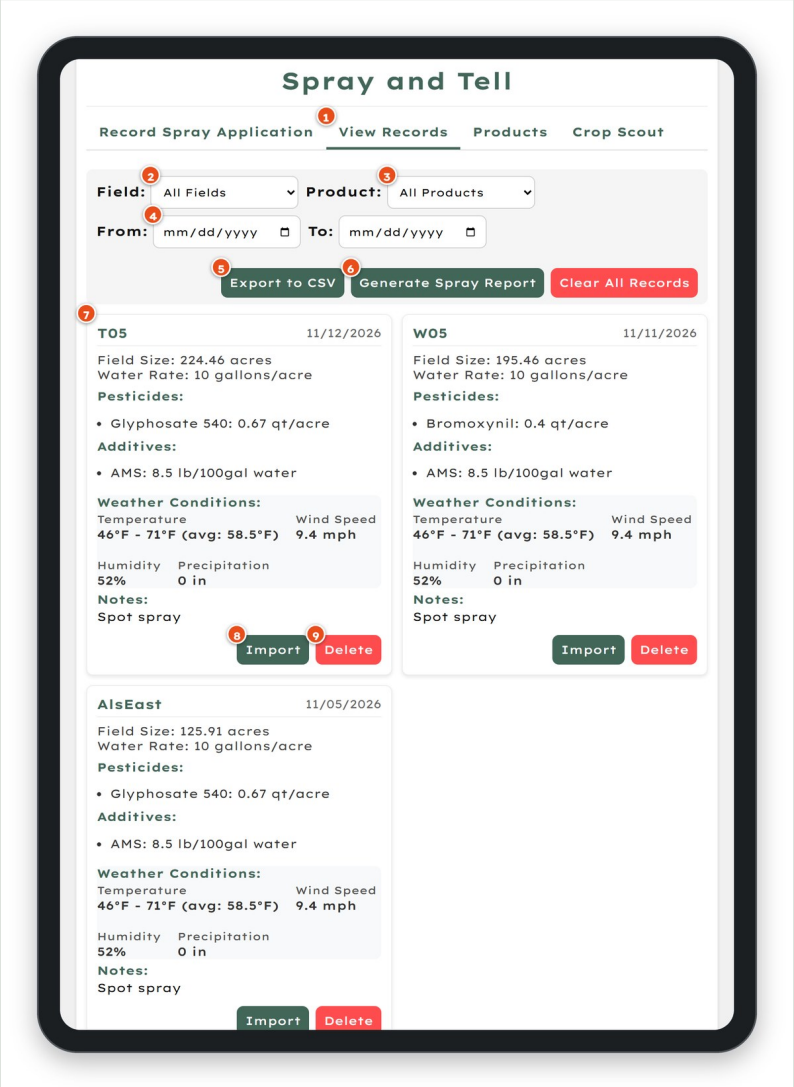
#	Button or area	What it does
10	Additives line	Adjuvants and fertilizers, with their own + Add Additive and Select from Catalog. Optional.
11	Notes (Optional)	Anything else about the application.
12	Sprayer/Batch Volume (gallons)	The size of one tank load.
13	Calculate Mix	Work out the product for each field, the whole job and one tank load.
14	Results	Per-Field Breakdown, Job Totals and Per Batch Reference. Not saved with the record.



Save Record and Reset Form at the bottom of the tab.

#	Button or area	What it does
15	Save Record	Save the application: one record for each field.
16	Reset Form	Clear the form and start again.

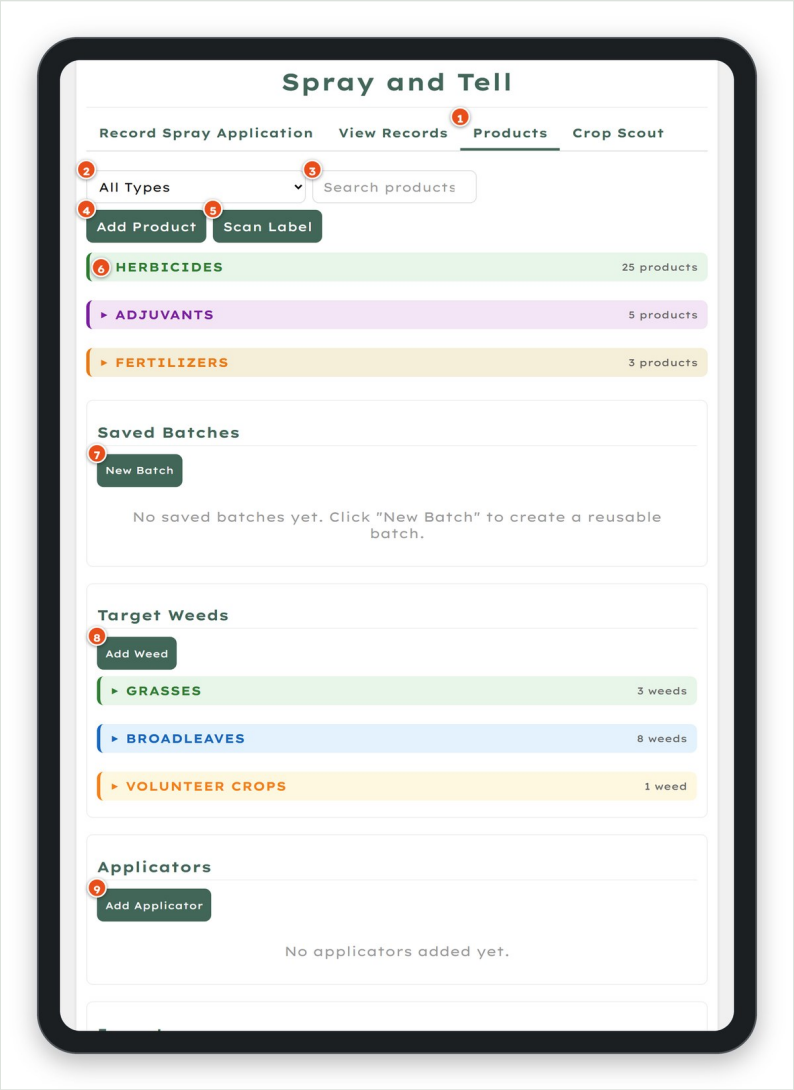
View Records



The View Records tab, numbered.

#	Button or area	What it does
1	View Records	The tab with every application you have saved.
2	Field	Show one field only.
3	Product	Show only records with one product.
4	From and To	Show one date range only.
5	Export to CSV	Download all your records as a spreadsheet file.
6	Generate Spray Report	Make a PDF report for a date range and a farm.
7	Record card	One application on one field: size, water rate, products, the day's weather and notes.
8	Import	Copy the record into the Record tab, to use it again.
9	Delete	Delete the record.

Products

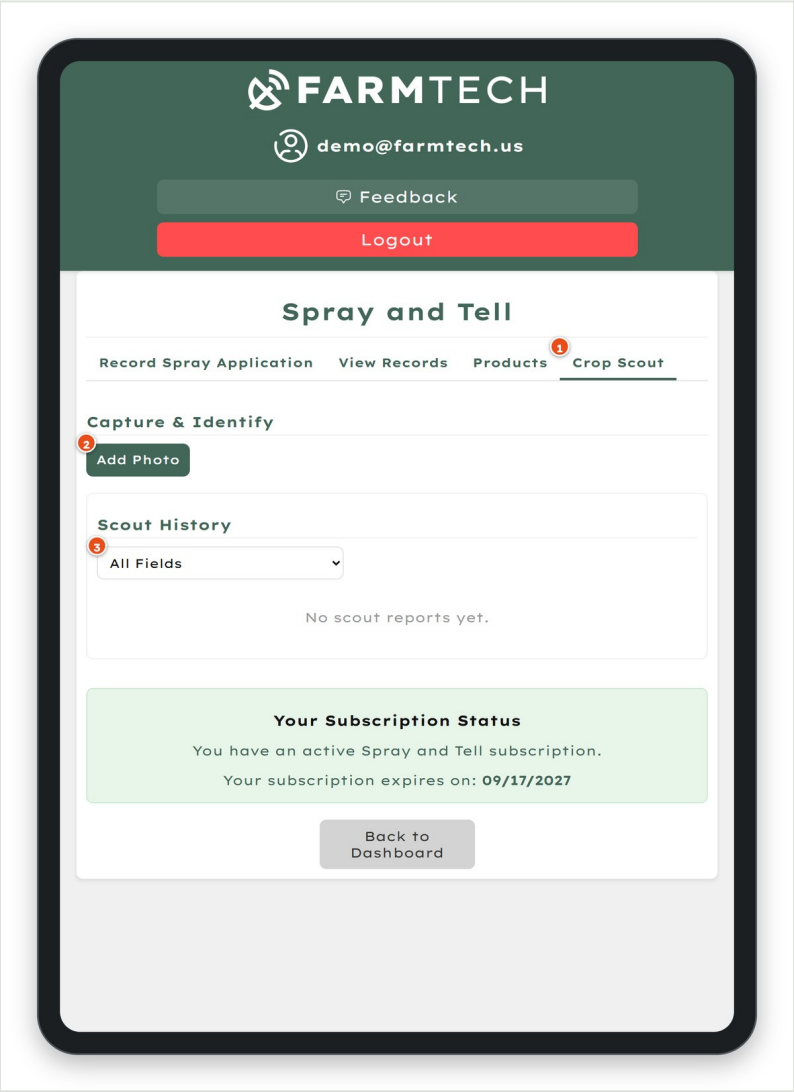


The Products tab, numbered.

#	Button or area	What it does
1	Products	The tab with your product list and the other lists you reuse.
2	Type filter	Show one type: herbicide, fungicide, insecticide, adjuvant, fertilizer or desiccant.
3	Search products...	Find a product by brand, active ingredient or EPA number.
4	Add Product	Type in a product yourself.
5	Scan Label	Add a product from a photo of its label.
6	Product groups	Products by type. Tap a group to open it.
7	New Batch	Save a tank mix to reuse.
8	Add Weed	Add a weed to your target weed list.
9	Add Applicator	Add a person and their applicator certificate number.

Scroll down for **Product AI Assistant**: type a question about products, rates or tank mixes and tap **Ask**.

Crop Scout



The Crop Scout tab, numbered.

#	Button or area	What it does
1	Crop Scout	The tab for scouting with your phone.
2	Add Photo	Take or choose a photo of the weeds. Identify Weeds then appears.
3	Scout History	Your saved scout reports. Choose a field to show that field only.

Quick reference

To do this	Do this
Record an application	Record Spray Application, choose fields, fill in, Save Record

To do this	Do this
Work out a tank mix	Fill in the form, set Sprayer/Batch Volume (gallons), Calculate Mix
Reuse a tank mix	Products, Saved Batches, Use Batch
Repeat an earlier application	View Records, Import, change what you need, Save Record
Make a spray report	View Records, Generate Spray Report, dates and farm, Generate
Download all records	View Records, Export to CSV
Add a product	Products, Add Product or Scan Label
Identify a weed	Crop Scout, Add Photo, Identify Weeds

Getting Spray and Tell

Spray and Tell is a yearly subscription. On the FarmIQ dashboard, tap the **Spray and Tell** tile.

1. Tap **Purchase Spray and Tell**.
2. Read the **Spray and Tell Disclaimer** and tap **I Agree**.
3. Check the price and tap **Confirm Purchase**.

FarmIQ shows **Purchase Successful!** and the four tabs open. You get a confirmation email, and the invoice follows within a few days.

The subscription runs for one year from the day you buy it. **Your Subscription Status**, at the bottom of every tab, shows the date it expires.

Recording an application

1. Tap **Record Spray Application**.
2. Tap **Select FarmIQ™ Fields**. Your FarmIQ fields are listed by farm. Tap each field you sprayed, then tap **Done**. Type in **Search fields...** to find a field by name.
3. Check the **Application Date**.
4. Type the **Water Rate (gallons/acre)**.
5. Under **Pesticides**, type the product's name and rate and choose its units. Or tap **Select from Catalog**, tick the products and tap **Add Selected**. Products you use most are listed first under **Frequently Used**. At least one pesticide line is required.
6. Add adjuvants and fertilizers under **Additives** the same way. Additive rates can also be per 100 gallons of water, or **% v/v**.
7. Add notes if you like.
8. Tap **Save Record**.

FarmIQ saves one record for each field you chose. For each record it looks up

that day's weather at the field: low and high temperature, humidity, the day's highest wind speed, and rain. It is the weather for the whole day at the field's location, not a reading taken while you sprayed.

Records cannot be changed after they are saved. To fix one, tap **Import** on it in **View Records**, correct the form, tap **Save Record**, then delete the old record.

The mix calculator

1. Fill in the fields, water rate and products.
2. Type your tank size in **Sprayer/Batch Volume (gallons)**.
3. Tap **Calculate Mix**.

- **Per-Field Breakdown**: for each field, the water, the number of tank loads and the amount of each product.
- **Job Totals**: the same for all the fields together. The last tank load is shown as a partial fill.
- **Per Batch Reference**: what goes into one full tank load, and how many acres it covers.

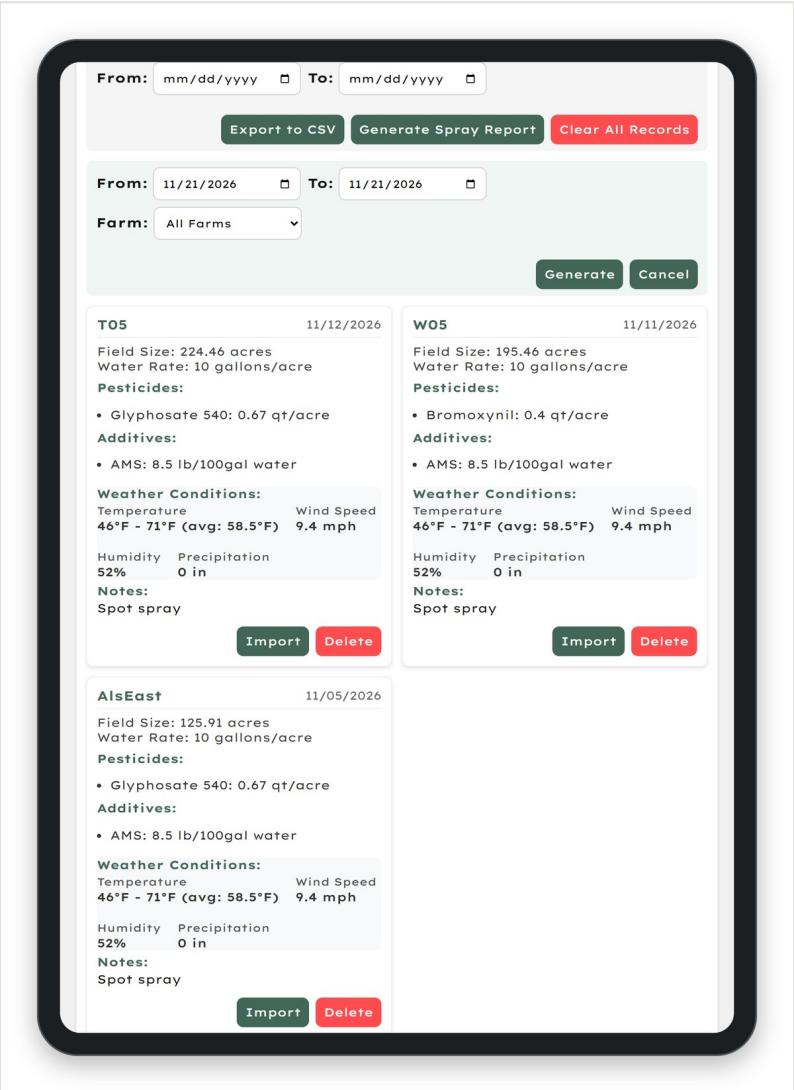
The calculator does not save. It is there to fill the sprayer.

Records

Tap **View Records**. The newest applications are listed first. Use **Field**, **Product**, **From** and **To** to narrow the list.

- **Import** copies a record into the Record tab. Change what you need and tap **Save Record** to save it as a new record.
- **Delete** asks you to confirm. A deleted record cannot be brought back.
- **Export to CSV** downloads every record you have, whatever the filters show, as `spray_records.csv`. It includes the weather.

Spray report



The spray report choices: dates and farm.

1. Tap **Generate Spray Report**.
2. Choose **From** and **To** dates and a **Farm**, or **All Farms**.
3. Tap **Generate**.

The PDF downloads. It has a summary (farms, applications, water used and acres treated), the products applied, and a page for each farm listing every field's applications. The weather is not in the PDF; it is in the CSV.

Products

Your product list

The list starts with common herbicides, adjuvants and fertilizers. Open a group to see its products. Each product shows its active ingredient, EPA number, rate, signal word, REI and PHI where known. **Crop rates** opens the rates by crop. **Label** opens the product label.

Add Product lets you type a product in: **Brand Name**, **Type**, **Active Ingredient**,

EPA Reg. Number, **Signal Word**, **Default Rate** and **Rate Unit**, **REI (hours)**, **PHI (days)**, **Formulation**, **Label URL**, and rates by crop with **Add Crop Rate**. Tap **Save Product**. A product you type in is yours alone: only your account sees it, and you can edit or delete it.

Look Up beside the EPA number fills in the product from its EPA registration.

Scan Label reads a product from a photo of its label:

1. Tap **Scan Label**, then **Take Photo** or **Choose from Library**. Get the brand name and the EPA number in the picture.
2. The form opens filled in. Check every value against the label.
3. Tap **Save Product**.

A product added by **Scan Label** or **Look Up** goes into the product list every Spray and Tell user shares, and it is locked: it cannot be edited or deleted. If you change a rate, the REI, PHI, formulation or signal word before saving, it is saved as your own product instead.

Rates filled in by **Scan Label** or **Look Up** are a starting point. The label is the law.

Saved batches

A batch is a tank mix you use again.

1. Tap **New Batch**.
2. Fill in **Batch Name**, **Crop**, **Carrier Rate (GPA)**, **Status** (**Planned** or **Completed**), target weeds and notes.
3. Add each product under **Tank Mix Products** and set its rate.
4. Tap **Save Batch**.

On a batch, **Use Batch** fills the Record tab with its products and water rate. **Edit**, **Copy** and **Delete** do what they say.

Target weeds

The list starts with common grasses, broadleaves and volunteer crops; these cannot be changed. Tap **Add Weed** to add your own: **Common Name**, **Category**, **Scientific Name**, growth stages, herbicide groups and notes. Tap **Save**.

Applicators

Tap **Add Applicator** and fill in **Name**, **Cert. Number** and **State**. Tap **Save**. The list is for your reference.

Product AI Assistant

Type a question about products, rates or tank mixes and tap **Ask**. Treat the answer as a starting point and check it against the label.

Crop Scout

1. Tap **Crop Scout**. Allow your browser to use your location when it asks; the report records where you were.
2. Tap **Add Photo**, then **Take Photo** or **Choose from Library**.
3. Tap **Identify Weeds**. The results show a confidence level and, for each weed found, its density, growth stage, coverage and herbicide class.
4. Under **Save Scout Report**, choose the **Field** if you like, check **Date**, **Severity** and **Growth Stage**, and add notes.
5. Tap **Save Report**.

Identifications are suggestions. Confirm the weed in the field before you choose a product.

Scout History lists your reports with their photos. Tap **Details** to see the identification and the GPS position. **X** deletes a report.

Crop Scout, **Scan Label**, **Look Up** and the Product AI Assistant need a signal.

Troubleshooting

What you see	What to do
Please fix the following errors:	Read the list under it. Every record needs at least one field, an application date, a water rate above 0 and at least one complete pesticide line (name and rate).
Field "…" has invalid acres	That field has no size in FarmIQ. Contact support.
No saved fields found. in the field list	Your account has no fields yet. Add one on the FarmIQ dashboard with Add a New Field (see the Getting Started guide).
A record has no weather	No weather was found for that field and day. The record is saved without it.
No records to export	You have no records yet.
No spray records found for the selected filters	Widen the dates or choose All Farms.
EPA Number Not Found	Check the number. It looks like 12345-678. Or fill in the product yourself.
Already in Catalog	The product is already in the list. Pick it with Select from Catalog.
Product Locked	Products added by scanning cannot be changed. Add your own version with Add Product.
Daily AI limit reached	The photo and question tools are used up for today. Type the details in yourself, or try again tomorrow.
Identification failed	Take a clearer, closer photo and try again.

Support

- **In FarmIQ**: tap **Feedback** at the top of any page and tell us what happened.
- **Phone or text**: (406) 271-6400
- **Email**: support@farmtech.us

The current version of this manual is at farmtech.us/support.