



Sow Mobile User Guide

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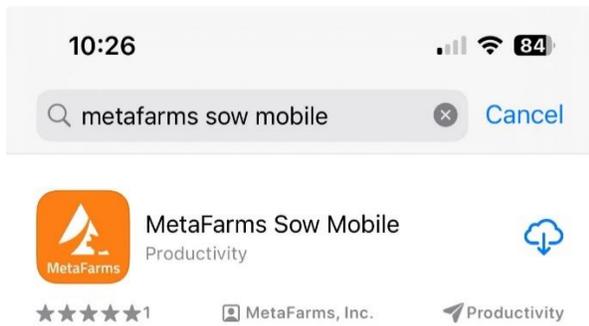
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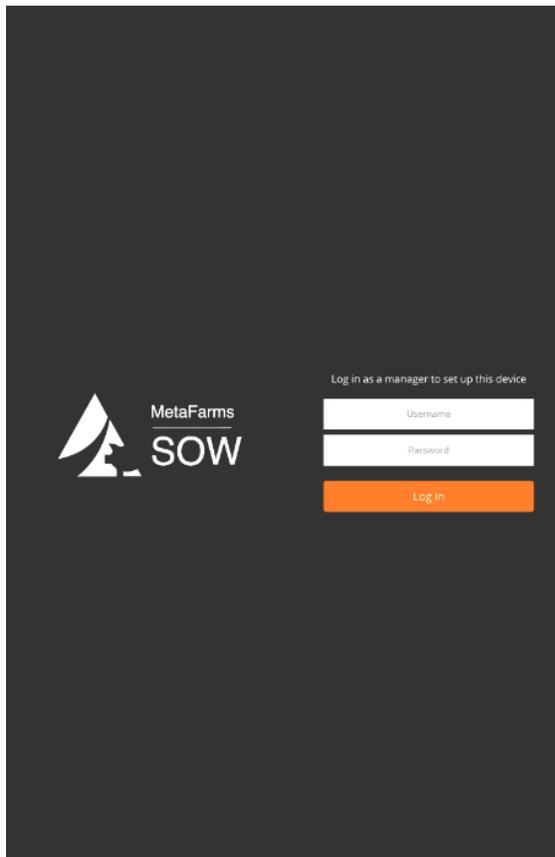
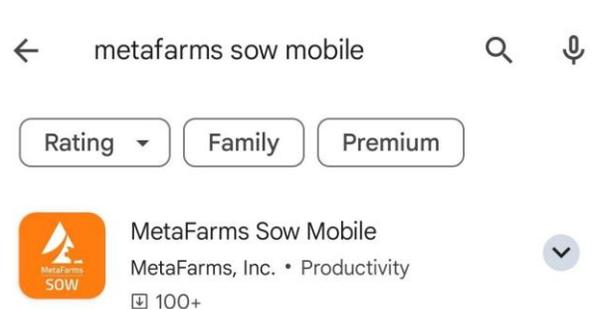
Initial Setup

MetaFarms Sow Mobile can be found in the iOS App Store and Google Play Store (Android). To find the app search for “MetaFarms Sow Mobile” and the app should be visible.

iOS:



Android:



A manager must set up the device with credentials provided by MetaFarms Support. Enter this information on the login screen when connected to the internet.

Sow Mobile is designed for a device to be used on only one sow unit. One or more devices can be used per barn.

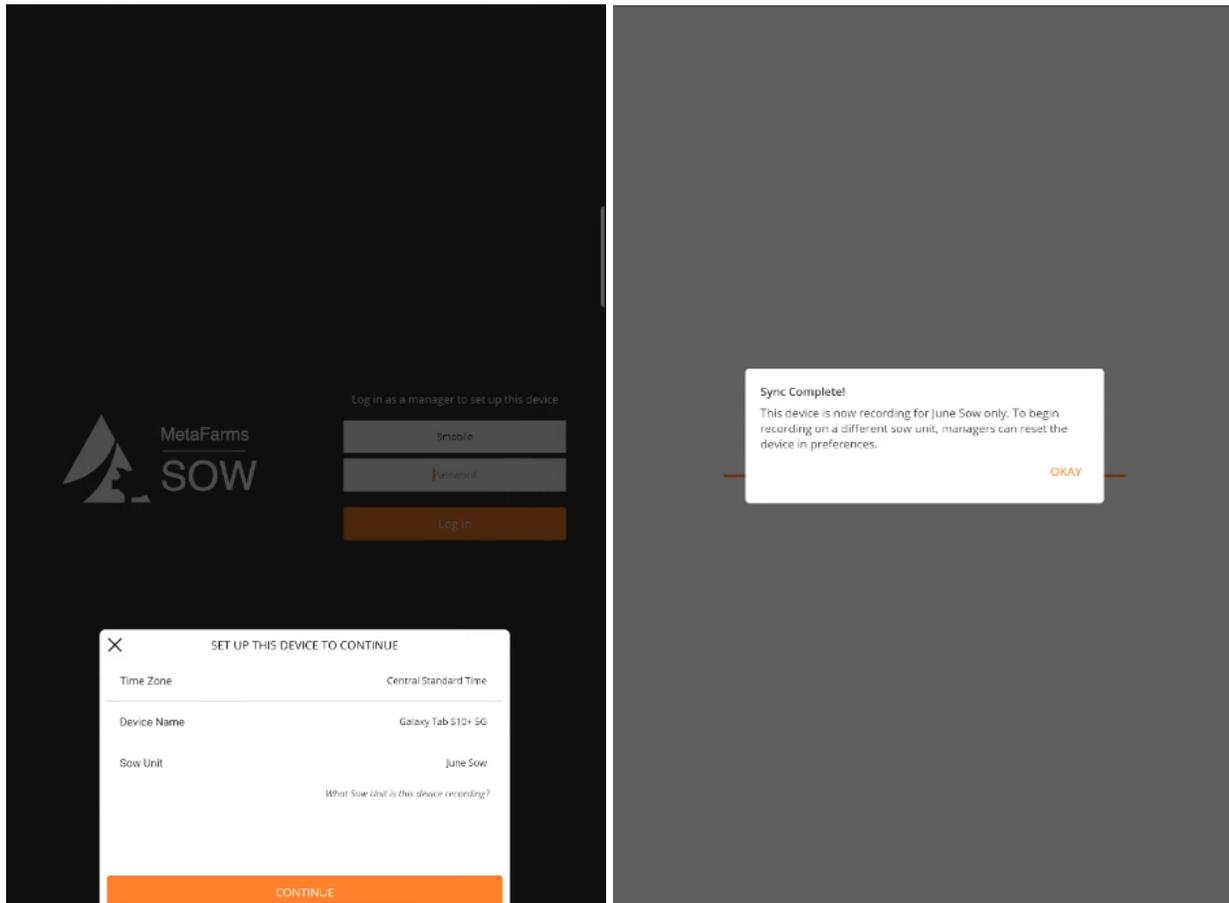
Fields can be customized to be hidden, required or defaulted. These should be designated during your initial setup process. They can be changed later.

Entries that are sent from the device but not passing business rules are highlighted in the “Review Mobile Events” in the Sow tab of MetaFarms.

Users should send their sow event data at least once per day when they have an internet connection.



After entering login information, you will be prompted to assign the device to a Sow Unit with Time Zone and Device Name settings.



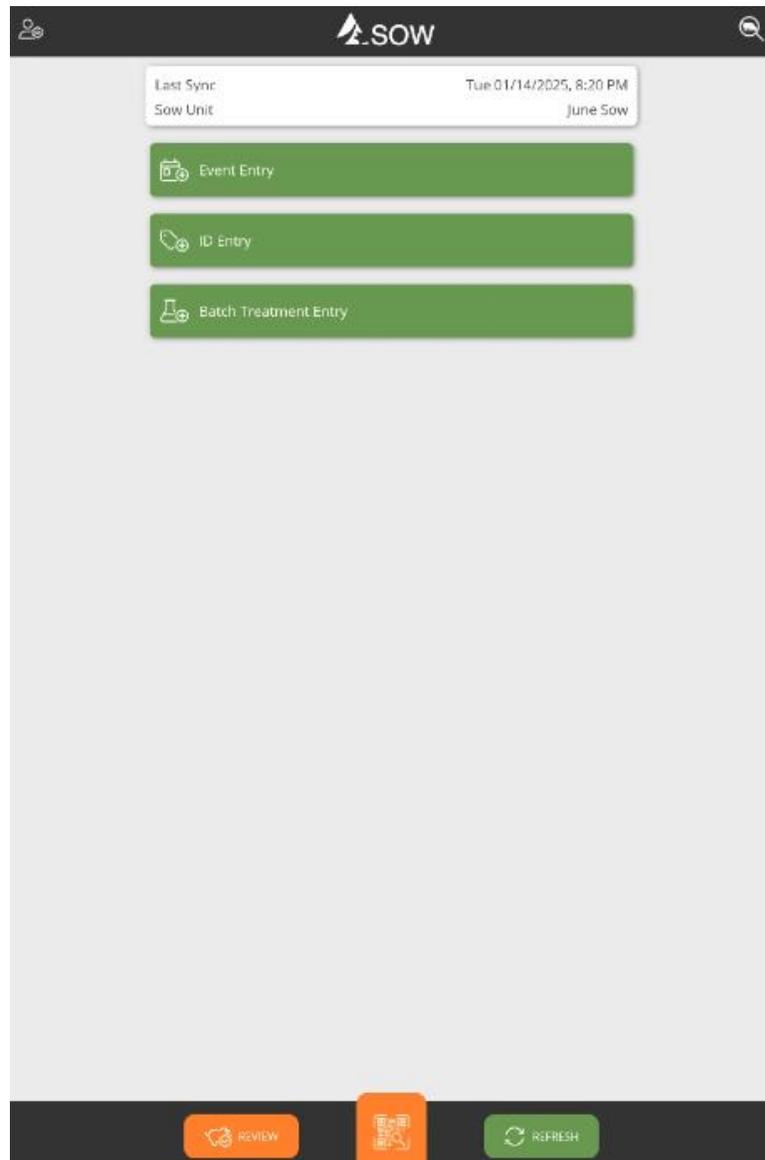
Once completed, tap on Continue and your device will begin syncing all active Sow Unit information. The Set Up process will begin and give you a Sync Complete message when done. Tap Okay.

If your device does not use Sow Mobile for a prolonged period, you may need to login again with same credentials. Otherwise, the device should stay logged in across multiple sessions with regular use.



Home Page

The Home Page is where you will land when you open the app as a current user. You will see options for Event Entry, ID Entry and Batch Treatment Entry. You can access Preferences with the settings icon in the top left corner. If you tap on the magnifying glass in the top right corner, you will be brought to Sow Search that can show you a list of events for a given Sow Tag or RFID.



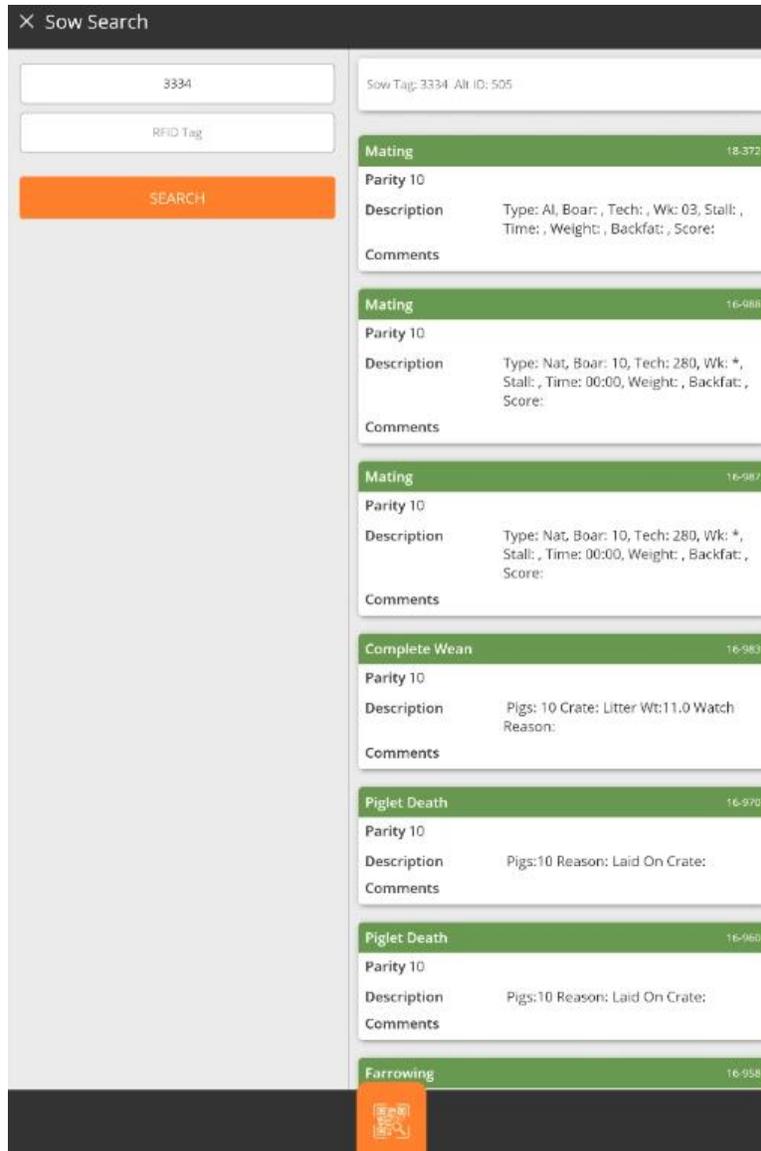
Tapping on the Refresh button will sync all sow events from the web down to your mobile device.

Tapping on the orange QR icon will bring up a QR reader from your device's camera. You can use this to scan an Event QR code from the QR Code Library.



Sow Search

From the Home Page or Event Entry pages you can tap on the magnifying glass in the upper right to navigate to Sow Search. This will allow you to search for a sow by Sow Tag or RFID.



Once you enter either a Sow Tag or RFID, tap Search and a list of all events for that sow will be shown. You can also tap on the QR icon at the bottom to bring up the scanner. Scanning a QR code from a Sow Card will bring up that sow's history.

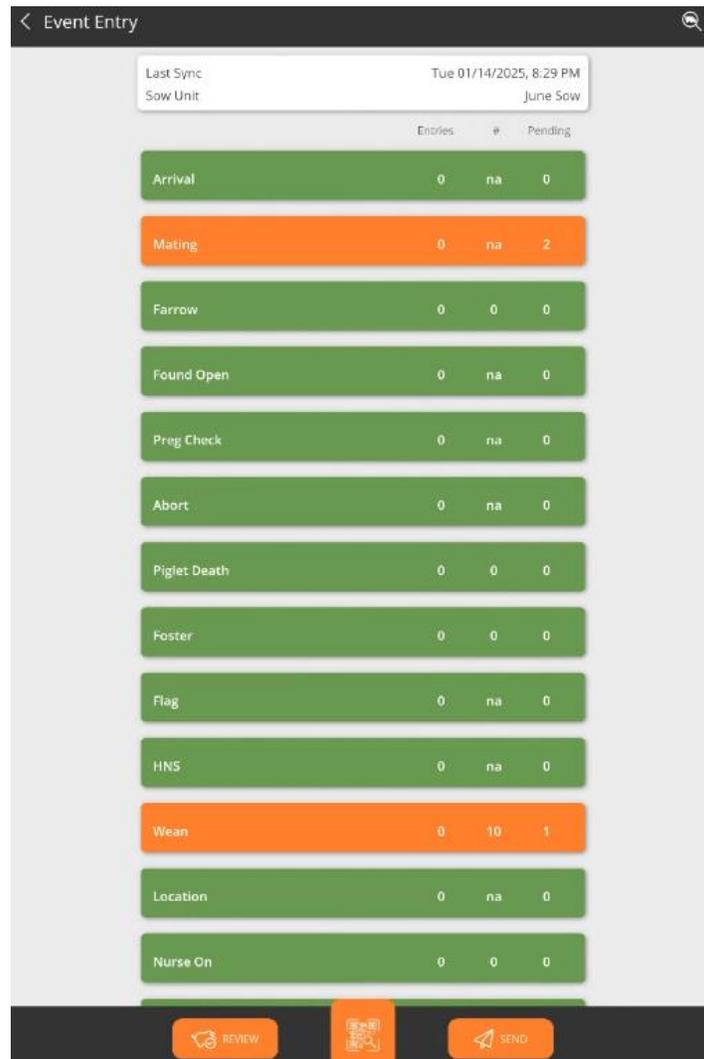
Events will be shown in reverse chronological order with the most recent event at the top of the list. Sow Tag, RFID and Alt ID will be displayed in the top white banner.



Event Entry

When you tap on Event Entry from the Home Page, you will be brought to this screen. Here you will see a list of all events that are turned on for your Sow Unit.

For each event, under the Entries label, you can see the number of entries sent from the device for that day.



After an event is created on the tablet and before it is sent to the MetaFarms platform, the event is Pending. Under the Pending label, the number of pending entries for that event type is shown.

Under the Quantity label, the total number of piglets associated with the pending event is displayed.

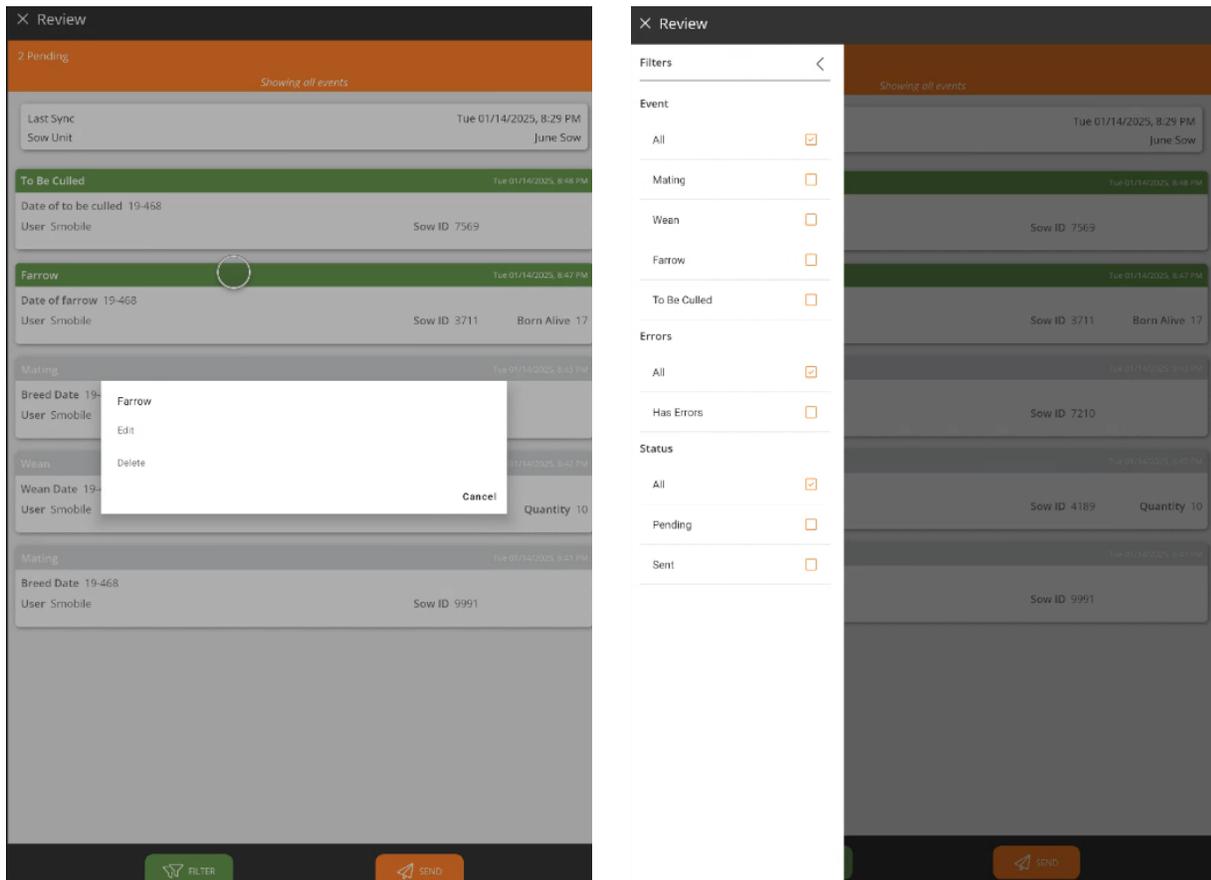
MetaFarms recommends pressing the Send button to submit your pending events any time your device is connected to the internet.



Review Screen

The Review screen will show all events submitted by the device. Events that have already been sent will appear grey and shaded and can only be viewed.

Events that are pending will have a green bar at the top of the card with the most recent event at the top of the list.



You can tap on a pending event for the ability to edit or delete the event.

In the bottom left corner, you can tap on the filter icon to bring up a menu to filter events that are shown on the Review screen.

You can also send events to the MetaFarms platform from this screen by tapping the Send button.



Event Entry (Data Recording)

Each event has its own entry screen where you can enter the information related to the event.

Some fields will be required, and others will be optional as determined by your company. Once you have entered a Sow Tag, you can tap on the green carrot icon to access a sow's history.

The screenshot shows a mobile application interface for entering mating event data. The screen is titled "Mating" and has a status bar at the top indicating "0 Pending". The form consists of several input fields:

- Breed Date: 19-468 (with minus and plus icons)
- RFID: Scan RFID (with a QR code icon)
- Sow Tag: 796594 (with a green carrot icon)
- Breed Type: AI
- Boar ID: 259 (with an X icon)
- Tech: Jimmy
- Condition: Radio buttons 1, 2, 3, 4, 5 (2 is selected)
- Location: Enter Location
- Breeding Score: Radio buttons 1, 2, 3, 4, 5
- Backfat: Enter Backfat
- Sow Weight: Enter Sow Weight
- Semen Batch: Enter Semen Batch
- Semen Age (Days): Semen Age (Days) (with minus and plus icons)
- Comments: Enter Comments

At the bottom of the screen, there are three buttons: REVIEW, a QR code icon, and SAVE.

The QR code icon will bring up the QR scanner on your device's camera. This can be used to scan fields from the sow card or QR Code Library.

Once you have completed the entry, tap on Save. This will save the entry on your device where it will be pending until you send events to MetaFarms.

Tapping on Save will also bring up a blank form of the same event type.

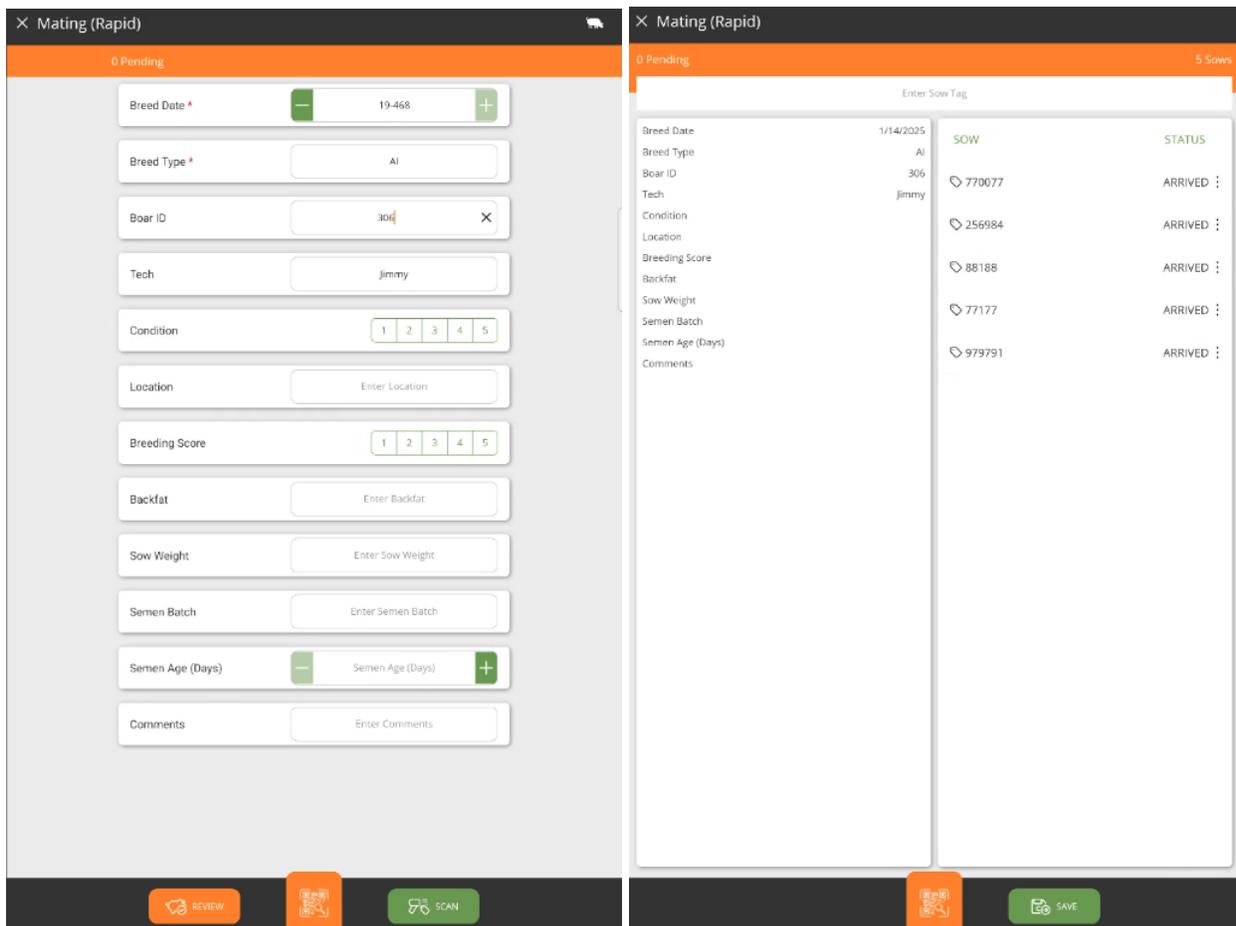


Rapid Entry

Sow Mobile has the ability to do Rapid Entry for the following events: Mating, Piglet Death, Wean, Removal, Preg Check, Found Open, Arrival, Abort, HNS, Location, Treatment, Transfer, Flag.

To access Rapid Entry, tap on the pig with the lightning bolt in the top right corner of the screen. You will then be able to see that you are in (Rapid) for the event.

Enter the information for the event in the same way that you would for regular Event Entry.



Once you have entered the necessary information, tap on Scan. This will bring up a new page to enter the Sow Tags either through the QR scanner or keyboard.

You will not be allowed to enter the same Sow Tag twice; Sow Tags will be displayed with the Sow Status in a list.



ID Entry

The ID Entry page is useful to show the current parity information of a lactating Sow. When you enter the Sow Tag you will see a brief history and can access the full Sow History if needed.

For the events listed, you can see the sow's parity summary and enter a new event by tapping on the event name.

The screenshot shows the 'ID Entry' screen in a mobile application. At the top, there is a title bar with a close button (X) on the left and a plus sign (+) on the right. Below the title bar, the screen is divided into two main columns. The left column contains several event categories, each with a green header and a grey bar below it: 'Farrow' (with sub-headers BA:1, SB:0, MUM:0, Crate, Litter Wt, Litter ID 1, Litter ID 2), 'Piglet Death' (with sub-header Pigs:1 Reason: Laid On Crate), 'Foster' (with sub-header No Results!), 'Wean' (with sub-header No Results!), 'Nurse On' (with sub-header No Results!), and 'Treatment' (with sub-header No Results!). The right column contains various input fields and controls: 'Foster #1' (text input), 'Date *' (date picker showing 19-468), 'ON/OFF *' (toggle switch set to 'On'), 'Qty *' (quantity picker showing Qty), 'Condition' (radio buttons 1-5), 'Location' (text input), 'Flag' (text input), 'Backfat' (text input), 'Sow Weight' (text input), 'Tech' (text input showing Jimmy), and 'Comments' (text input). At the bottom of the screen, there is a dark navigation bar with an orange icon on the left and a green 'SAVE' button on the right.

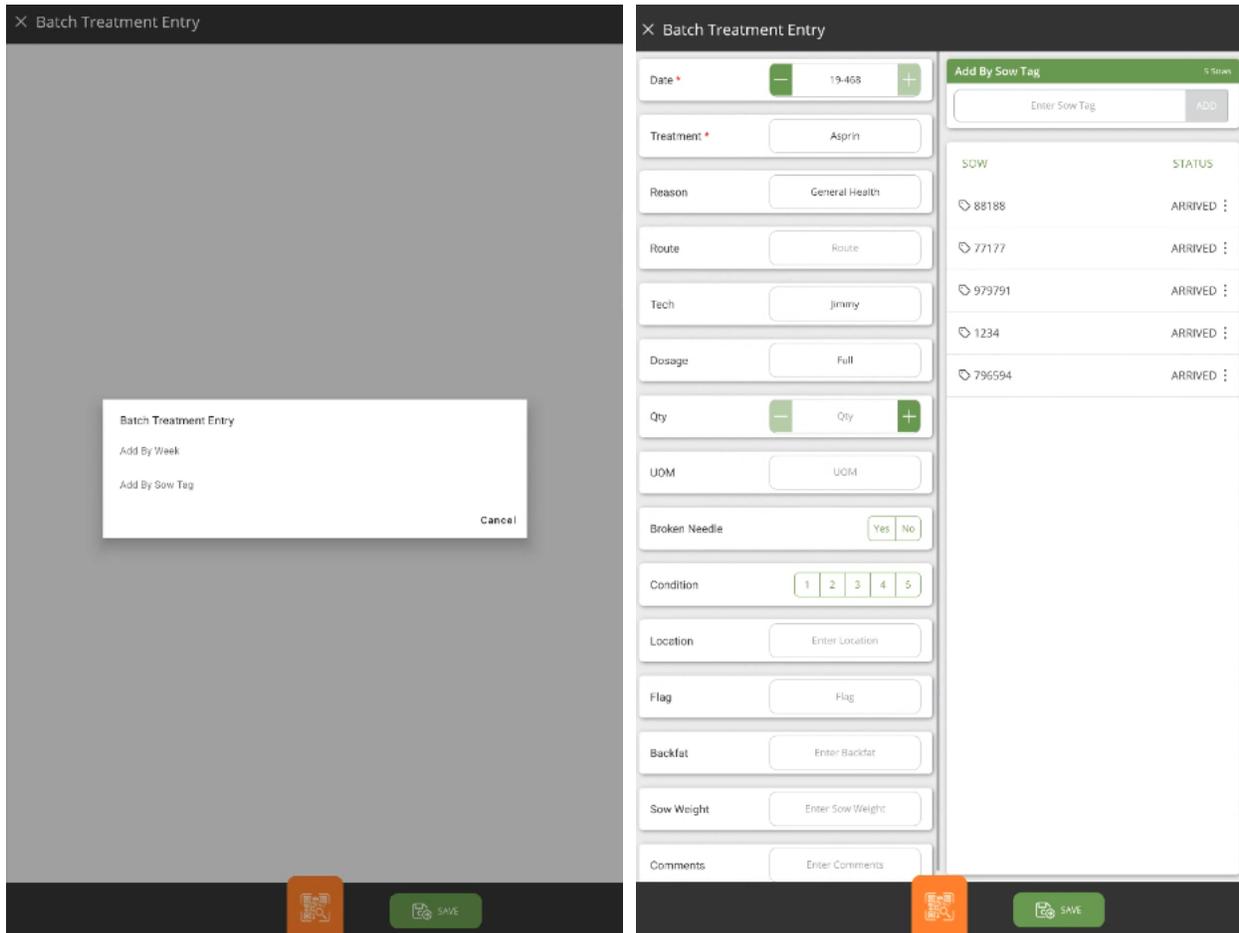
The Plus button in the upper right will allow you to complete more than one entry for an event type.

Once you are done entering all events you would like to for the sow, tap on Save to save the events to your device as pending.



Batch Treatment Entry

Batch Treatment Entry will allow you to select between treating a group of sows by Breed Week or by Sow Tag. Once you have made a selection, enter in the rest of the treatment information. When you have completed your entry, tap on Save to save the entry as pending.



The QR code icon will bring up the QR scanner on your device's camera. This can be used to scan fields from the sow card or QR Code Library.



Preferences

To access the Preferences page, tap on the settings icon in the top left corner of the Home Page.

The Preferences page will show the User Settings for Language and Date Preference. It will also show the Device Settings for Time Zone and Device Name.

You will also be able to see which Sow Unit your device is recording data for. In order to switch to a different Sow Unit, you will need to tap the Reset Device button. This will wipe out all pending events and cannot be undone.

To connect an RFID reader, tap on Connect Device, once connected the device will display below. Version history for Sow Mobile is also shown at the bottom of the page.

