

QUICK START GUIDE

 reveal[®]

Cargill[®]

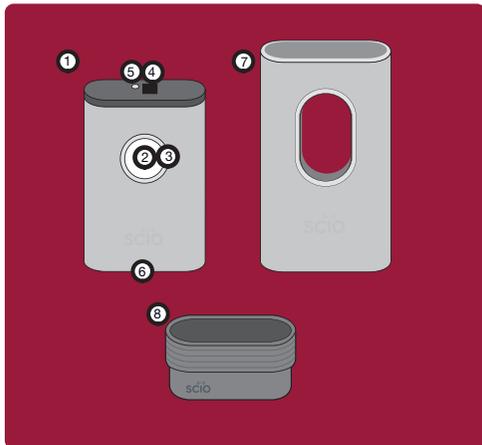


Scan. Reveal. Refine.

Welcome to *Reveal*® analysis backed by Cargill Forage Lab precision. This Quick Start Guide will help you get set up and connected to *Reveal*® with easy to follow step-by-step directions.

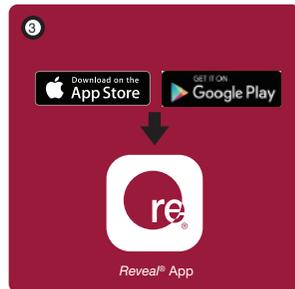
HARDWARE

1. SCiO™ handheld sensor
2. Function button
3. Status ring
4. Molecular sensor
5. LED illumination source
6. Charge port and charge status LED
7. Sensor cover and calibration device
8. Rubber shade



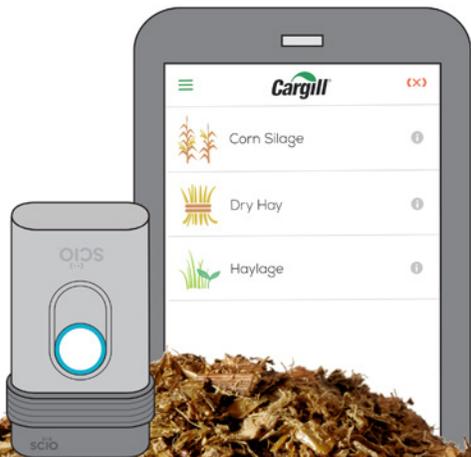
GETTING STARTED!

1. Charge the sensor for 2 hours or until the charge status LED glows green.
2. Ensure your phone's Bluetooth® is turned on.
3. Download the *Reveal*® app from the App Store or Google Play.
4. Launch the *Reveal*® app and follow the in-app instructions to sync the devices.



HOW IT WORKS

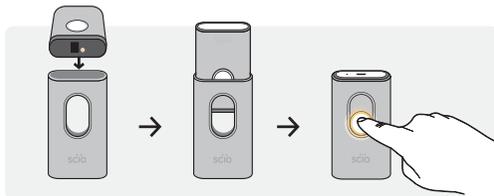
Reveal[®] analysis is designed to scan your forage and transmit data to Cargill's Elk River Forage Lab calibrations in the cloud. Direct access to the global Cargill dataset of feed ingredients, one of the largest in the world, ensures a high degree of precision from our proprietary calibrations.



CALIBRATION

The molecular sensor should be calibrated daily where scans will be performed to create the most accurate results. The calibration device is embedded within the sensor cover. Before calibration, make sure the cover is clean.

1. In the app menu (upper left corner) click SCiO settings > calibrate.
2. Place the sensor into the cover with the optical sensor facing into the cover.
3. Tap calibrate with the app, then click calibrate again, or click the scanner function button
4. Click done to save the calibration.



NOTE: Each sensor and sensor cover are custom paired during production. Make sure your original cover is never swapped out with any other cover.

SCANNING

Please make sure that the scanned material is not in direct sunlight or in a brightly lit environment, which may interfere with the scan and result in an error message.

For optimal scanning results, use the rubber shade. Hold the rubber shade as close as possible to (touching, but not pressing in) the forage you are scanning.



SCANNING FORAGE

Prepare a representative sample.

1. Obtain a fresh sample that's representative of the forage to be tested.
2. Mix the forage sample well (using a separate container is recommended).
3. Calibrate in the app. (We recommend daily when using *Reveal*®).
4. Within the app, select the forage type you want to scan.
5. A screen will appear showing SCAN 1/10 (You must scan the sample 10 times to generate a result).
6. Press the function button to complete a scan, making sure you move the SCiO to different parts of the sample for each scan.
DO NOT PRESS THE SCiO INTO THE SAMPLE. JUST PLACE IT ON TOP. PRESSING WILL CHANGE THE PATH LENGTH AND CAUSE A BAD SCAN.
7. Once the 10th scan is complete you will see the Confirmation Page.
8. If all check marks are green then tap results to see the dry matter analysis. If a red check mark appears simply touch rescan and scan that one again.
9. Add a sample ID and other pertinent information in the add scan note section (bunker location, cutting number, etc.)



Scan. Reveal. Refine.

The power to analyze forage in the palm of your hand. The peace of mind knowing that your cows' are getting the consistent intake they need to *thrive*.

Revolutionize your feed management with *Reveal*®.

Get support at: Cargill.com/reveal

Email: Reveal@Cargill.com



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