

GETTING STARTED WITH FIELD TO MARKET'S QUALITY ANALYSIS TOOL

As a key resource in ensuring the quality of data generated by a Continuous Improvement Project, Field to Market staff have developed an interactive, web-based Quality Analysis tool. Use this document to learn more about the tool and begin identifying outliers, finding errors and gaining insights into your Continuous Improvement Project.

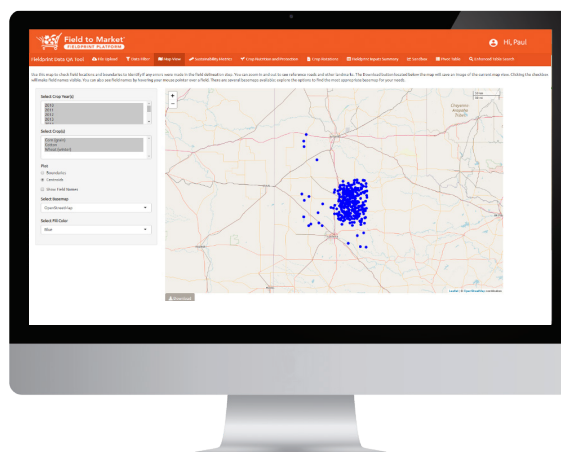
Field to Market's Fieldprint® Platform reflects the fact that agriculture is a data-intensive sector.

To enter a crop year in the Fieldprint Platform, a user can expect to provide around 55-65 pieces of information nested in at least 22 questions, depending on the crop and the crop management. Adding fertilizer, manure, and crop protectant applications will also quickly increase the amount of information entered.

To assist project administrators, project specialists, and other personnel, Field to Market staff have developed an interactive, [web-based Quality Analysis \(QA\) tool](#) to review data inputs and results obtained via the Fieldprint Platform from registered Field to Market projects.

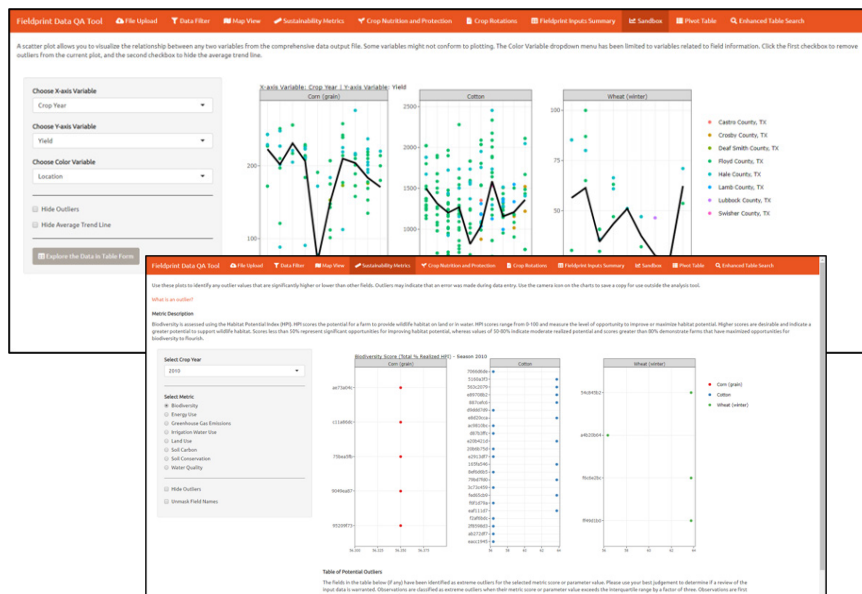
The QA Tool supports the ability to detect outliers, find errors, and gain insights from the project data and results. A robust quality analysis by project administrators, specialists, or other personnel enhances confidence in the Fieldprint Platform data.

Use this handout to walk through the steps and data needed to use the QA tool.



Getting Started with the QA Tool

A video walkthrough and documentation with screenshots and step-by-step instructions is available on the tool site. With any questions, please contact Field to Market's Data Analyst [Eric Coronel](#).



Using the QA Tool

Appropriate Uses of the QA tool include:

- Identify outliers
- Find errors
- Gain insights for internal uses within your organization, such as presentations and reports

What uses of the QA Tool would require approval?

Data insights cannot be used for claims without prior approval from Field to Market.

What do I need to use the QA Tool?

Project administrators and specialists need to export the Microsoft Excel-based **Comprehensive Data Output File** using the project reporting functionality in the Fieldprint Platform. For each grower connected to the project, the report contains detailed, finalized grower input and output by crop year.

We highly recommend thoroughly reviewing the Comprehensive Data Output Report at least once at the end of each growing season before using the data for storytelling, summaries, and official reports.

Why Check Data Quality?

Field to Market's QA Tool is an important resource to help improve your data entry and quality over time. Some benefits to performing quality analysis include:



Find and fix data entry errors, and build processes to prevent them



Build confidence on your project's data



Ensure your project meets the needs of the sponsoring organization

There is no requirement to use the QA Tool. However, an important role of the project administrator or specialist is to ensure that growers are entering accurate data into the Fieldprint Platform. Visualizations and tables like those shown by the QA Tool could be created with Microsoft Excel, Python, R, SAS, Tableau, and many other analysis and visualization tools. This tool is also not designed to replace other quality assurance mechanisms that projects may use at various points within the project lifecycle.

Quality Analysis and Data Management Partners

In its current release, the QA Tool has been designed to work only with the Comprehensive Data Output Report generated from the Fieldprint Calculator. Qualified Data Management Partners (QDMP) may offer the option to export project data in a similar format so exported data can be used in the QA Tool. In addition, Field to Market will make available on request to QDMPs the underlying source code of the QA Tool should they elect to build and deploy a version within their own systems.