

Control Plot Manager

A Feature of CIBO Impact

CIBO
TECHNOLOGIES

Accelerate Soil-Sampling-Based Carbon and Scope 3 Projects with CIBO Control Plot Manager

CIBO Control Plot Manager enables companies and growers to rapidly identify scientifically valid control plots and soil sampling plans for field trials, Scope 3 and carbon programs that require a measure-remeasure methodology instead of, or in addition to, modeling.

Addressing 4 Key Challenges

The Complexity Challenge

Control plots must have identical soil type, practice history and weather to fields where non-modeled inputs such as biologicals are applied. CIBO instantly identifies and qualifies candidate plots based on these factors.

The Soil Sampling Challenge

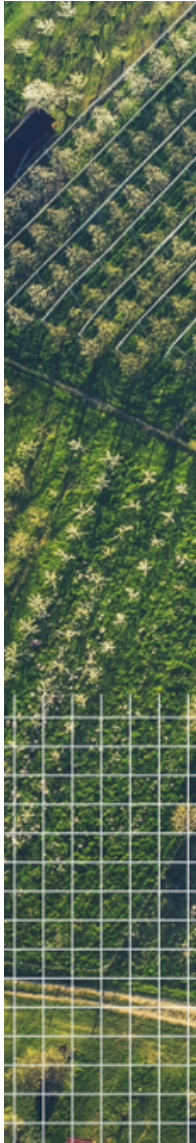
The control plot must be sampled throughout the project. Control Plot Manager generates sampling points and plans needed to ensure consistency.

The Field Selection Challenge

Reserving a field for a control plot is potentially disruptive to grower operations. A perfect control plot may not be the perfect choice for the grower. CIBO prequalifies multiple fields that meet program requirements and presents growers with flexibility and options.

The Grower Engagement Challenge

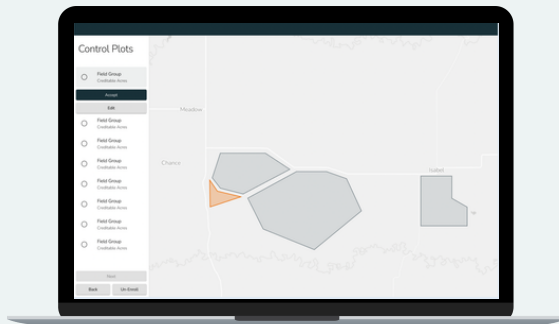
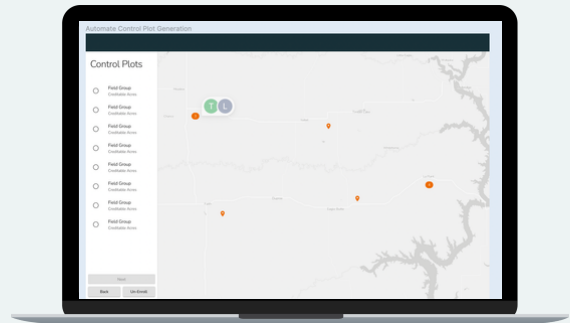
Growers, program developers and sponsoring companies lack a tool for easy communication and management of control-plot-driven projects. Control Plot Manager removes program guesswork and increases program efficiency by modernizing and simplifying the land selection workflow, program communications, monitoring and reporting.



How CIBO Control Plot Manager Works

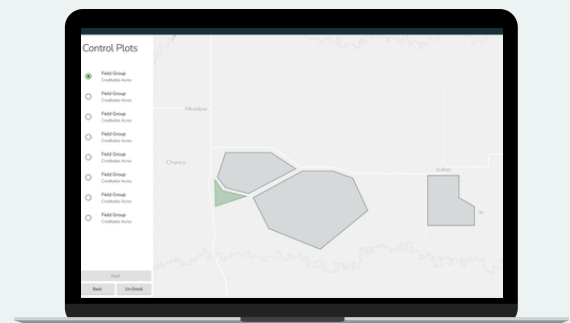
Step 1

Control Plot Manager groups fields by similar soil type, practice history and weather.



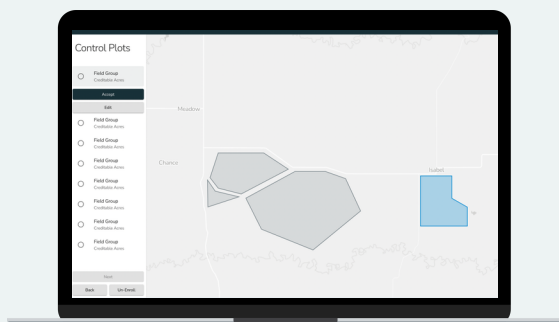
Step 2

Grower views the field groupings with pre-identified control plots.



Step 3

Grower confirms that they plan to use the identified field for their control plot OR proceeds to Step 4 if not.



Step 4

If a different control plot is desired, grower selects a different field from the other scientifically validated options within that grouping.

Step 5

When it's time to soil sample, user exports a shapefile for each field that identifies soil sampling points for the sampling vendor.

