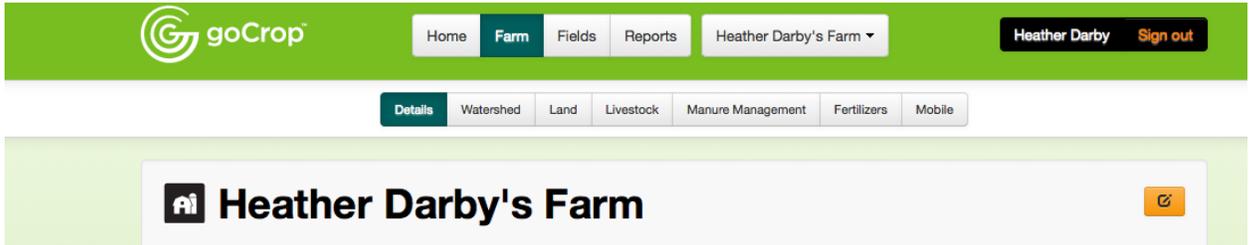
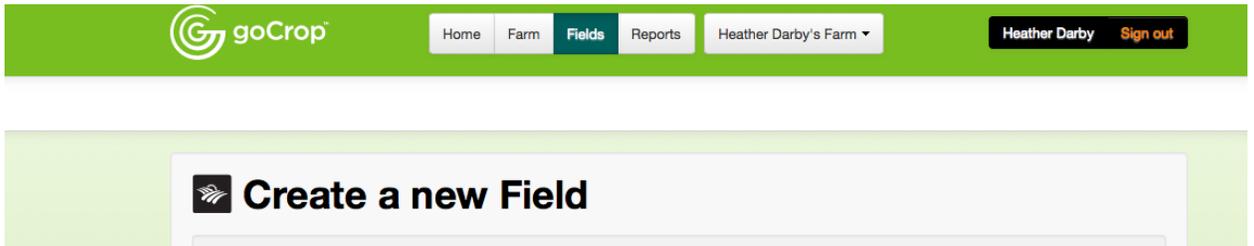


# goCrop™ Basics

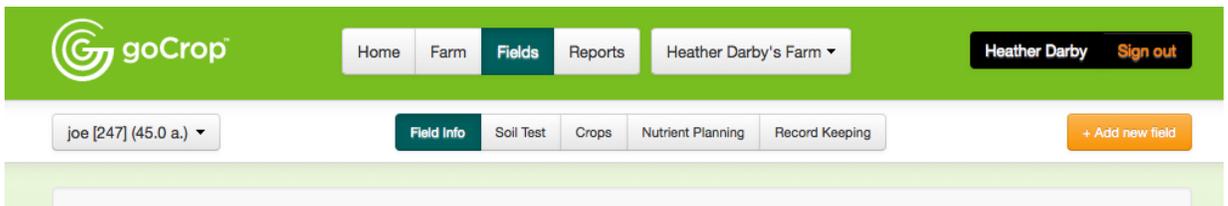
1. Begin by clicking on Work With This Farm.
2. Start creating your plan by filling out the Farm Details box and click Update when complete. The orange edit box must be clicked to fill in information.



3. Continue to fill out the required information in the farm section including watershed, land, livestock, manure management and fertilizers.
4. Once this section is complete, click on the Fields tab. Once complete press Create Field to update the information.



5. Once the first field has been added, additional fields are added by clicking on Add New Field button. A scrolling list of fields to the left will begin to compile as fields are added.



Be sure to fill out the risk factors for each field. These factors feed into a calculation to produce a (Vermont based) phosphorus index. If you are not from VT, the phosphorus index will not calculate as it only contains VT soil data.

- Type in the full name of the soil series (VT soils listed only at this time) and a drop down list will appear. Choosing from this list will populate corresponding values in this section. If you are not a VT resident, you can just type in your own soil type and override the auto fill.

Once the field has been added, continue on to the subsequent tabs, Soil Test, Crops, Nutrient Planning and Record Keeping. Enter all the necessary information from your soil test report. Add additional nutrients of interest as deemed appropriate.

- Once the field has been added, continue on to the subsequent tabs, starting with Soil Test. Enter all the necessary information from your soil test report. Add additional nutrients of interest as deemed appropriate. Remember, clicking on orange box allows you to add or edit the information.

The screenshot shows the goCrop interface for a 'Soil Test'. The top navigation bar includes 'Home', 'Farm', 'Fields', and 'Reports'. The 'Fields' tab is active, showing 'Heather Darby's Farm'. Below the navigation, there are tabs for 'Field Info', 'Soil Test', 'Crops', 'Nutrient Planning', and 'Record Keeping'. The 'Soil Test' tab is selected. The main content area is titled 'Soil Test' and contains two sections: 'Summary' and 'Analysis'. The 'Summary' section lists fields for 'Year:', 'PH:', 'Organic Matter:', 'Effective CEC:', and 'Next Year:'. The 'Analysis' section is a table with columns for 'Nutrient', 'Amount', and 'Unit'. The table contains three rows: 'Phosphorus - P', 'Potassium - K', and 'Aluminum - Al'.

- Next, click on the Crops tab. You must click on the field you would like to work with and click on Add to initiate the process.

The screenshot shows the goCrop interface for 'Create a new crop'. The top navigation bar includes 'Home', 'Farm', 'Fields', and 'Reports'. The 'Fields' tab is active, showing 'Heather Darby's Farm'. Below the navigation, there are tabs for 'Field Info', 'Soil Test', 'Crops', 'Nutrient Planning', and 'Record Keeping'. The 'Crops' tab is selected. The main content area is titled 'Create a new crop' and contains a 'Field:' label and a dropdown menu showing 'joe [247] (45.0 a.)'. Below the dropdown is an orange 'Add' button.

9. Edit details and nutrient recommendations. Use the soil test report to garner the recommendations for the current crop, or use Nutrient Recommendations for Field Crops published by your local cooperative extension service. If you plan to double crop on this field, you can add another crop to the field.

The screenshot shows the goCrop web application interface. At the top, there is a green navigation bar with the goCrop logo on the left and navigation tabs for 'Home', 'Farm', 'Fields', and 'Reports'. The 'Fields' tab is selected. To the right of the tabs, there is a dropdown menu for 'Heather Darby's Farm' and a 'Sign out' button. Below the navigation bar, there is a secondary bar with a dropdown menu for 'joe [247] (45.0 a.)', tabs for 'Field Info', 'Soil Test', 'Crops', 'Nutrient Planning', and 'Record Keeping', and an '+ Add new field' button. The main content area is titled 'Records for:' and shows a dropdown menu for 'Corn Silage' and an '+ Add Crop' button. The central part of the interface is titled 'Crops' and contains two panels: 'Details' and 'Nutrient Recommendations'. The 'Details' panel lists fields for 'Yield Goal:', 'Yield Unit:', 'Legume Percentage:', 'Surface Cover Percentage:', and 'Planting Date:', each with an edit icon. The 'Nutrient Recommendations' panel shows the text 'No nutrient recommendations recorded.' with an edit icon.

10. The Nutrient Planning tab will be used to calculate nutrients from green manure, livestock manure applications and fertilizer application. This section will also calculate the risk analysis including the phosphorus index. Manure nutrient availability is calculated based on methods found in “Nutrient Recommendations for Field Crops in Vermont”<sup>1</sup> guide, which can be found online.

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<sup>1</sup> Jokela, B., F. Magdoff, R. Bartlett, S. Bosworth, and D. Ross. 2004. Nutrient recommendations for field crops in Vermont. Available at [http://pss.uvm.edu/vtcrops/articles/VT\\_Nutrient\\_Rec\\_Field\\_Crops\\_1390.pdf](http://pss.uvm.edu/vtcrops/articles/VT_Nutrient_Rec_Field_Crops_1390.pdf) (verified 11 November, 2013).

**Nutrient Planning**

**Balance of Nutrients (Lbs/Acre)**

Not all nutrient requirements recorded. Make sure each crop for this field has nutrient requirements entered

**Risk Analysis**

Calculate Risk Analysis

Soil Test P Range	VT P Index	N Leaching Index	Management Based On
	Not known		

**Past Year(s) Nutrient Credits**

	Crop	Manure / Acre
Last Year		
Two Years Ago		

**Planned Manure**

11. Move on to the Record Keeping tab. This tab is used to record planting date, harvests, manure applications, fertilizer applications, scouting and control methods used. You can add records through the web application on this page or by using your mobile device. Once you download the mobile application and log in, you can begin keeping records. These records will sync back to your plan created on the web application. You cannot change your original plan on the mobile side, but you can view the plan.

The screenshot displays the goCrop web application interface. At the top, there is a green navigation bar with the goCrop logo and menu items: Home, Farm, Fields (selected), Reports, and Heather Darby's Farm. On the right side of the navigation bar, the user's name 'Heather Darby' and a 'Sign out' button are visible. Below the navigation bar, there is a secondary navigation bar with tabs for Field Info, Soil Test, Crops, Nutrient Planning, and Record Keeping (selected). To the right of these tabs is a '+ Add new field' button. The main content area is titled 'Record Keeping' and shows a list of records for 'Corn Silage'. The 'Record Keeping' section is divided into three main areas: 'Planting & Tillage', 'Takes', and 'Manure Applications'. Each area has a '+ Add' button. The 'Planting & Tillage' section lists fields like 'Planting Date', 'Seed Depth', 'Seed Depth Units', 'Seed Rate', 'Variety', 'Primary Tillage', and 'Secondary Tillage'. The 'Takes' section shows 'No takes recorded.' and the 'Manure Applications' section shows 'No applications recorded.'

12. Continue to add new fields until all are accounted for. Remember, the fields will be in the system the following years and fields can be added or deleted.
13. Once all the fields are added and populated with your farm's information, you are ready to print the reports. The reports are designed in a way to provide all the information required by the Natural Resources Conservation Services' Nutrient Management (590) standard.
14. These are the basics to goCrop. If you have any questions please feel free to contact Heather Darby or Jeff Sanders at 802-524-6501 or at [heather.darby@uvm.edu](mailto:heather.darby@uvm.edu) or [jeffrey.sanders@uvm.edu](mailto:jeffrey.sanders@uvm.edu).

## Reports

[Print all](#)

### Farm

- Farm Summary
- Farm Plan Summary
- Manure Analysis
- Manure Drawdown
- Inventory
- Soil Test Schedule
- Risk Assessment
- Farm Nutrient Balance
- Vt P-Index
- Record Log

### Fields

joe [247] (45.0 a.)