



BOGS Online Grower System - Quick-Start Guide



Cape Cod Cranberry Growers Association

1/1/2016

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Overview

This quick-start guide is intended to provide users of BOGS with the basics for understanding how to use the BOGS Online Grower System. You will learn how to setup your farm operation, create work orders, input applications, record soil/tissue test results, track water and sand use, and generate reports. The information in this guide is also available via the BOGS website.

BOGS is continually updated to ensure you are able to comply with the most recent state regulations and handler requirements.

Nutrient Management Planning tools have been added to BOGS for the 2016 growing season in order to comply with UMASS Cranberry Station Guidelines. Please review the Nutrients section of this guide to find out how to make sure you are in compliance with the new regulations.

Getting Started

Go to www.bogs.cranberries.org



A RECORD-KEEPING AND PEST MANAGEMENT TOOL


Email:*

Password:*

[Forgot Your Password?](#) | [User Agreement](#)

Enter the email address that you provided to CCCGA when you initially signed up and the password that was assigned to you. Please note that the password is case-sensitive.

The first step is to setup your farm information. Click the **Grower, Contract, Bog & People Management** link or the **Enter** button.



Grower, Contract, Bog & People Management

Enter all of your contact information here. Manage worker accounts and pesticide applicators. Setup your bog, include individual sections, acreage, variety, pump systems and Zone II information.

Use either the tabs or menu options to navigate. It is best to go in order.



Grower Information

Select the **Grower Information** tab. It is important to verify that the data entered for you is correct. This is the information that will be used for state and handler reports. Make any necessary changes to your Grower Information and click **Update** to save your changes.



| | | | | | |
|-----------|-------------|--------------------|-----------|------|-------|
| BOGS Home | Grower Home | Grower Information | Contracts | Bogs | Users |
|-----------|-------------|--------------------|-----------|------|-------|

Demo CCCGA Grower

Grower Name:*

Demo CCCGA Grower

Address:*

1 Carver Square Boulevard

Address:*

P.O. Box 97

City:*

Carver

State:*

Massachusetts ▼

Zip:*

02330

Phone:*

508-866-7878

Fax:*

Agrian ID:

Agrian Password:

Region:*

☒ MA

☐ NJ

Created:

2012-04-20 13:13:16

Modified:

2015-03-10 15:56:00

Update

Cancel

The Agrian ID and Agrian Password fields above will only display if you have an Ocean Spray contract entered into BOGS. This will allow you to streamline your reporting to Ocean Spray and to minimize discrepancies at delivery.

Contracts

Select the **Contracts** tab to add a Contract.

Note: The example below displays demo information. Your screen will have no contracts until you add them.


Click **Add Contract**. Select a handler from the drop-down menu and enter your contract number.

Be sure your contact number matches what your handler uses. Select “Other” from the Handler drop-down if you market your own fruit or you don’t currently have a contract. A system-generated contract number will be assigned to the record. Click **Save** when complete.

| Handler : Contract Number | Edit |
|---------------------------|------|
| OSC : 001-9876 | Edit |
| OSC : 070-1234 | Edit |
| OSC : 25-953 | Edit |
| Cott : 5434 | Edit |
| Decas : 123456789 | Edit |
| Clement Pappas : 12-564 | Edit |
| Clement Pappas : 34567 | Edit |
| Other : 123 | Edit |
| Other : test no handler | Edit |

Note: As application data is entered into BOGS, each record is tied to a contract. If you change contracts during the season, you will need to edit each record where the contract changed in order to maintain accurate reporting. This is not difficult to do but you need to be aware as you enter data.

To change an existing Contract, select the **Contracts** tab and click **Edit** for the record you need to change. Make any necessary changes to your Contract Information and click **Save** to save your changes.



A RECORD-KEEPING AND PEST MANAGEMENT TOOL

BOGS Home Grower Home Grower Information **Contracts** Bogs Users

Demo CCCGA Grower

Contract Information

Crop Year:
2015

Handler:*

Contract Number:*

Created:
02-17-15 at 03:11 PM


Bogs

Once your contracts are established, you will need to add your Bogs. The system is designed to allow you to set up sections within your Bogs. It is critical that you use the same naming convention for your individual bog sections as your handler does in order to alleviate problems at delivery or with pre-approval processing.

Select **+Show Bog Details** to display all sections within a bog.

Note: The example below displays demo information for a completed Bog.

Each line represents a different Contract and Bog location. Click **Add Bog** to input a new Bog.



A RECORD-KEEPING AND PEST MANAGEMENT TOOL

BOGS Home Grower Home Grower Information **Contracts** **Bogs** Users

Demo CCCGA Grower

Bog Information

| Bog : Handler : Contract : Region | | |
|-----------------------------------|----------------------|--------------------|
| 12 Section Bog : Cott : 5434 : | Edit Sort Sections | + Show Bog Details |
| Bergeron Bog : OSC : 001-9876 : | Edit Sort Sections | + Show Bog Details |
| Big Bad Bog : Decas : 123456789 : | Edit Sort Sections | + Show Bog Details |

Select a Contract Number from the drop-down menu, or select “Other” if you do not have a Contract with a handler. If you have a contract with a handler but it is not displaying in the drop-down, please go to the Contracts tab in BOGS to enter it before proceeding with the setup of your Bog information.

Assign a Bog Name. Bogs are considered to be the management area for a grouping of Bogs at a particular location. You can assign Bog Names any way you wish. It is the individual sections of your Bog (the next step) that is generally what the handlers will need to know and to match on.

Enter your Bog’s address.

Note: If your Bog is associated with an OSC contract, you must also input your Agrian ID.

The screenshot shows a web application interface for a grower. At the top is a navigation bar with tabs: BOGS Home, Grower Home, Grower Information, Contracts, Bogs, and Users. The 'Bogs' tab is selected. Below the navigation bar, the page title is 'Demo CCCGA Grower' followed by the section title 'Bog Information'. The form contains the following fields: 'Crop Year' with the value '2014'; 'Contract Number' with a dropdown menu; 'Bog Name:*' with a text input field; 'Address:*' with a text input field; 'Address:' with a text input field; 'City:*' with a text input field; 'State:*' with a dropdown menu; 'Zip Code:*' with a text input field; 'Township:' with a text input field; 'County:' with a text input field; and 'Agrian ID: (Needed for OSC & Pappas)' with a text input field. Below the input fields is a red link '+ Add Section'. At the bottom are two buttons: 'Save' and 'Cancel'.

BOGS Home Grower Home Grower Information Contracts **Bogs** Users

Demo CCCGA Grower

Bog Information

Crop Year:
2014

Contract Number:

Bog Name:*

Address:*

Address:

City:*

State:*

Zip Code:*

Township:

County:

Agrian ID: (Needed for OSC & Pappas)

[+ Add Section](#)

Click **Add Section**. Section Name is generally the management unit on a bog that your handler needs to track. These are often referred to as “Exhibit A” sections. If you are unsure how to name your sections,



talk to your handler and then contact CCCGA for further questions. The “Market” value you select will determine what handler restrictions may be triggered, as these are mostly decided based on where the fruit is going to be marketed. If you select “Unknown”, many of the specific restrictions will not be enabled.

Identify your bog section as “Zone II” only if this section of a bog is in a state-regulated Groundwater Recharge Area (well field). The “Primary Recharge Area” field must contain the name of the area (for example, Town Well field #1) and is only required if the section is in a Zone II. CCCGA can assist you in determining the name of the Primary Recharge Area. Please contact CCCGA if you have any questions regarding Zone II or Primary Recharge Areas.

A Google map will display based on the address entered for your Bog. Input the Section name and acres for your Section. Some handlers will also need to match the acreage of your sections for reporting. Click on the map to select the coordinates for your Section. Click and drag points to adjust the perimeter of your Section. When done, click the checkmark icon on the top-right of the map page to save your coordinates.

Note: You must input your section coordinates or use the Google map function to “Map your Sections” if you would like the map functions to be available in your reports (eg. when mapping spot treatments of pesticides or nutrients, and including maps in your state-regulated Nutrient Management Plan).

Sections

| Section Name:* Remove | Section Name:* Remove |
|--|--|
| S1 | S2 |
| Acres:* 1.25 | Acres:* 2.00 |
| Map Coordinates:* (Latitude, Longitude) | Map Coordinates:* (Latitude, Longitude) |
| 41.88467498831299,-70.75124502182007 41.88370050432917,-70.75158834457397 41.88346087484330,-70.74965715408325 41.88408390963727,-70.74884176254272 | 41.88405195928280,-70.74873447418213 41.88301356406511,-70.75000047683716 41.88223076266814,-70.74686765670776 41.88376440537362,-70.74770450592041 |
| Enter one coordinate per line. Example: 41.886237,-70.766972 | Enter one coordinate per line. Example: 41.886237,-70.766972 |
|  |  |
| Market:* Domestic Process | Market:* Domestic Process |
| Variety:* Ben Lear | Variety:* Ben Lear |
| Zone II: <input checked="" type="radio"/> No <input type="radio"/> Yes | Zone II: <input checked="" type="radio"/> No <input type="radio"/> Yes |
| Primary Recharge Area: (Required for Zone II sections only) | Primary Recharge Area: (Required for Zone II sections only) |
| Agrian ID: | Agrian ID: |
| Active: <input type="radio"/> No <input checked="" type="radio"/> Yes | Active: <input type="radio"/> No <input checked="" type="radio"/> Yes |

Click **Add Section** for each additional section for this bog. Click **Save** when complete to return to the Bog Information page.

| | | | | | |
|-----------|-------------|--------------------|-----------|------|-------|
| BOGS Home | Grower Home | Grower Information | Contracts | Bogs | Users |
|-----------|-------------|--------------------|-----------|------|-------|

Demo CCCGA Grower

Bog Information

[Add Bog](#)

| Bog : Handler : Contract : Region | | | | |
|-----------------------------------|-------------|----------------------|--------------------|---------|
| I2 Section Bog : Cott : 5434 : | | Edit Sort Sections | + Show Bog Details | |
| Bergeron Bog : OSC : 001-9876 : | | Edit Sort Sections | - Hide Bog Details | |
| Section | Acres | Market | Variety | Zone II |
| A1 | 5.00 Acres | Domestic Fresh Fruit | Early Black | |
| A2 | 4.00 Acres | Export Process | Early Black | |
| A3 | 3.30 Acres | Export Fresh Fruit | Howes | |
| A4 | 1.46 Acres | Domestic Fresh Fruit | Early Black | |
| Section Total: | 13.76 Acres | | | |

The Bog Information page summarizes all of your bogs, with Bog Sections listed in alphabetical order. Click **Edit** in the grey bar to make updates to your bog sections or to add additional sections.

If you wish to change the display order/sequence of the sections click **Sort Sections**, then drag the Section Name to the desired location order. Drag additional sections as needed. You must click **Save Sort** when done or the new sort order will be lost. The Section Names will appear in the revised sort order for all screens within BOGS.

| | | | | | |
|-----------|-------------|--------------------|-----------|------|-------|
| BOGS Home | Grower Home | Grower Information | Contracts | Bogs | Users |
|-----------|-------------|--------------------|-----------|------|-------|

Bog Information: Sort Sections

Instructions

- Drag and drop sections to customize the section sequence.
- Click "Save Sort" when the sections have been sorted to save the section sequence.

| |
|------|
| ⤴ A1 |
| ⤴ A2 |
| ⤴ A3 |
| ⤴ A4 |

Note: Bog and section information must be input and mapped for inclusion in your **Nutrient Management Plan**, which is a requirement for growers farming more than 10 acres.

Users

Select the **Users** tab to set up various types of users: those that will need to access and report within BOGS and those individuals who will make applications or perform tasks that need to be recorded, such as pesticide applicators and scouts.

Click **Add User** to create a new User. Click **Edit** next to a User to update the information/access for that User.

Users do not necessarily need to have access to BOGS; you determine what each User can view or edit. The first User is the administrator assigned by CCCGA when you first signed up for BOGS.

Input User Information: The email and password you assign the User will be their BOGS login information. You may assign all Users the same login information or you may setup individual access.

If you do not wish to allow BOGS access to certain users (such as a third-party applicator), you may input the same user name and password assigned to you originally to satisfy the system and simply do not share that with the User.

| User Information | |
|---------------------|--------------------------|
| Crop Year: | 2014 |
| First Name: * | <input type="text"/> |
| Last Name: * | <input type="text"/> |
| Email: * | <input type="text"/> |
| Password: * | <input type="password"/> |
| Confirm Password: * | <input type="password"/> |
| Pesticide License: | <input type="text"/> |

Assign level of access: Select the level of access you wish the user to have within BOGS. If you select “Yes” for Administrator, this overrides any other sections and provides complete access to all functions within BOGS.

Note: The “Hired Applicator” field is to be used for third-party applicators that will be filing their own pesticide use reports with the state. You still need to record and report these applications for your handler report (as well as your own records) but you would want to exclude them from the state summary report. If you do not exclude them and submit a state report, the third-party applicator would be submitting their use as well as yours, resulting in duplicate data and higher application amounts than what actually occurred.

Note: An Applicator with a valid license number is required for inputting pesticide applications and must be set up within BOGS before you can submit any applications. A Scout name is required for inclusion on reports such as the Sweep Report and Pheromone Trap Record and must be set up within BOGS before you can submit any applications.

Administrator:

☐ Yes ☐ No

Provides full access to BOGS. User can Add/Edit/Delete any information in the system.

Manager:

☐ Yes ☐ No

Provides access only to Record Keeping Program and Interactive Insect Management Program. They can add/edit/delete individual input records, run reports, but will not have access to the "Grower, Contract, Bog & People Management" section. If you select "No", the user will only be able to view and print reports.

Hired Applicator:

☐ Yes ☐ No

This is for hired pesticide applicators (such as an aerial or spray consultant business) that make applications for you. Selecting "Yes" will allow these applications to be included on your handler and personal pesticide use reports but will EXCLUDE them from the MA state report. If your custom hired applicator is not going to report the applications they make to your bog to the state, then you should choose "No".

Active:

☐ Yes ☐ No

Turn On/Off access for this user to BOGS . Selecting "Yes" keeps their access active.

Select the **Bogs Home** tab to proceed to the Record Keeping Program section of BOGS.

Entering Data – Record Keeping and Reporting

Click the **Record Keeping** header link or the **Enter** button.





Record Keeping for Pesticides, Fertilizers, IPM Tools and More

The Record Keeping section is where you go to enter all of your inputs, create a nutrient management plan and generate accompanying reports. Inputs include pesticides, fertilizers, IPM tools, tissue and soil tests, sanding amounts, water use and delivery information. Setup work orders to determine what pesticides and fertilizers you are planning on applying. Create your handler and state pesticide use reports, Zone II applications and more.

 Enter

The BOGS Record Keeping menu is categorized for easy navigation. Every function will allow you to choose the crop year for which you are recording or reporting data.



[BOGS Home](#) [Reports](#)

Demo CCCGA Grower

Crop Year: 2015 Show

Reports (2015)

IPM Tools

- Sweep Report
- Pheromone Trap Report
- Fruitworm Egg Count Report
- Out of Bloom Report

Nutrients

- Create Your Plan
- Calculate Your Nutrients
- Create Nutrient Work Order
- Nutrients Applied
- View/Print Your Nutrient Management Plan
- Nutrient Application Report

Pesticides

- Create Pesticide Work Order
- Pesticides Applied
- Pesticide Use Report (By Bog)
- Pesticide Use Report (Filter Bog/Section)
- Pesticide Use Report (Summary)
- Pesticide Use Report (By Contract)
- Pesticide Use Report (Cott)
- Pesticide Use Report (Decas)
- Pesticide Use Report (OSC)
- Pesticide Use Report (Pappas)
- Pesticide Use Report (State - MA)
- Pesticide Use Report (NPDES)
- PHI Delivery Report
- Bogs in Zone II
- MA Zone II Pesticide Notification Form

Horticultural Inputs

- Tissue Test Results
- Soil Test Results
- Sanding Report
- Water Use Report

Delivery

- Delivery Data

IPM Tools

Sweep Report

Under the **IPM Tools** section of the Reports Home screen, select **Sweep Report** to record IPM sweep net results. There will be no data when you first enter this screen. Once you have entered data, each blue bar represents a report, with the details summarized below.

The screenshot shows the 'IPM Sweep Record (2015)' web application. At the top, there are logos for 'BOGS' and 'University of Georgia Cooperative Extension'. Below the logos is a navigation bar with 'BOGS Home' and 'Reports'. The main heading is 'Demo CCCGA Grower' followed by 'IPM Sweep Record (2015)'. A yellow notification bar states: 'IPM Sweep record "2015-138" has been updated.' Below this is an 'Add Record' button and a 'Crop Year: 2015' dropdown menu with a 'Show' button. The main content area is titled 'IPM Sweep Record Date (Number)' and contains two entries. Each entry has a date and time, followed by a list of insects found and their counts. The first entry is for '05/18/2015 03:00 PM (2015-137)' and the second is for '05/05/2015 12:00 AM (2015-138)'. Each entry has links for 'Edit', 'Delete', 'View', 'PDF', and '+ Show Bog Details'. The interface is designed for recording and managing IPM sweep data.

Click **Add Record** to begin. Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time the scouting was conducted. To select the time, place your mouse cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.


Click “+ Show Insects” to display the insects within each insect type. Enter the sweep counts for each insect listed in the appropriate boxes. To enter additional sets of sweep counts, click “+ Add Sweep” and enter the subsequent results.

Select your Scout name from the drop-down list. If the Scout’s name is not found, you will need to add the person in the **Users** tab of the **Grower, Contract, Bog & People Management** section.

Select the relevant bog and select the individual sections scouted. Select “Map Sections” to view the Google map that you created when you set up the Bog and sections.

Click **Save** when you have completed your IPM Sweep Record.

You may go back to the Sweep Report screen at any time to Edit or Delete previously entered Sweeps. You may also view an online Report or PDF for printing, or to save and send in an email. You may also view the Bog/Section Map from the Sweep Record summary screen.



A RECORD-KEEPING AND PEST MANAGEMENT TOOL

BOGS Home Reports

Demo CCCGA Grower

IPM Sweep Record (2015)

Crop Year:
2015

Date/Time:

[+ Add Sweep](#)

Set 1 Remove

| | |
|------------------------|--------------------------------|
| Cranberry Weevil | + Show Insects |
| Cutworm | + Show Insects |
| Fireworm | + Show Insects |
| Flea Beetle | + Show Insects |
| Other | + Show Insects |
| Soil Insect | + Show Insects |
| Spanworm | + Show Insects |
| Sparganothis Fruitworm | + Show Insects |

[+ Add Sweep](#)

Scout Name:

Bog:
☐ Old Bog

Bog:
☐ test spot map bog

Bog:
☐ Wendy's bog

Comments:

Pheromone Trap Report

Select **Pheromone Trap Report** from the **IPM Tools** section of the Reports Home screen to record recent activity with your traps. There will be no data on this summary screen until you have input your first Trap Record. Each blue bar represents a report, with the details summarized below the bar.

| BOGS Home | | Reports | |
|---|--|---|--|
| Demo CCCGA Grower | | | |
| Pheromone Trap Record (2014) | | | |
| <input type="button" value="Add Record"/> | | Crop Year: 2014 <input type="button" value="Show"/> | |
| Pheromone Trap Name (Number) | | | |
| Test Trap 1 (2014-6) | | Edit Delete View PDF + Show Bog Details | |
| Total Insects Found (AVG): Black Headed Fireworm: 14 (3.5) , Cranberry Girdler: 15 (3.8) , Sparganothis Fruitworm: 16 (4.0) | | | |
| Test Trap 2 (2014-7) | | Edit Delete View PDF + Show Bog Details | |
| Total Insects Found (AVG): Black Headed Fireworm: 5 (2.5) , Cranberry Girdler: 6 (3.0) , Sparganothis Fruitworm: 7 (3.5) | | | |

Click **Add Record** to begin. Enter a Name for your Trap. Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time the scouting was conducted. To select the time, place your mouse cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.

Enter the counts for each insect listed in the appropriate boxes and indicate whether or not the Traps and Lures were changed for this trap. To enter additional traps, click **Add Trap** and enter the subsequent results.

Select your Scout name from the drop-down list. If the Scout’s name is not found, you will need to add the person in the **Users** tab of the **Grower, Contract, Bog & People Management** section.

| BOGS Home | | Reports | |
|--|---|---|--|
| Demo CCCGA Grower | | | |
| Pheromone Trap Record (2014) | | | |
| Crop Year: 2014 | | | |
| Trap Name:* | | | |
| <input type="text"/> | | | |
| Trap | Trap 1 Remove | Trap 2 Remove | |
| Date/Time: | <input type="text"/> | | |
| Scout Name: | Averill, Anne ▼ | Averill, Anne ▼ | |
| Black Headed Fireworm: | <input type="text"/> | <input type="text"/> | |
| Cranberry Girdler: | <input type="text"/> | <input type="text"/> | |
| Sparganothis Fruitworm: | <input type="text"/> | <input type="text"/> | |
| Changed Traps: | <input checked="" type="radio"/> No <input type="radio"/> Yes | <input checked="" type="radio"/> No <input type="radio"/> Yes | |
| Changed Lures: | <input checked="" type="radio"/> No <input type="radio"/> Yes | <input checked="" type="radio"/> No <input type="radio"/> Yes | |
| + Add Trap | | | |
| Bog: <input type="checkbox"/> 12 Section Bog | | | |
| Bog: <input type="checkbox"/> Bergeron Bog | | | |

Bog:

☐ Wendy's bog

Comments:

Save Cancel

Fruitworm Egg Count Report



Under the **IPM Tools** section of the Reports Home screen, select **Fruitworm Egg Count Report** to record your fruitworm egg count data. There will be no data on this summary screen until you have input your first report. Each blue bar represents a report, with the details summarized below the bar.

Select the relevant bog and select the individual sections scouted. Select **Map Sections** to view the Google map that you created when you set up the Bog and sections.

Click **Save** when you have completed your Fruitworm Egg Count Report.

You may go back to the Fruitworm Egg Count Report screen at any time to Edit or Delete previously entered reports.

You may also view an online Report or PDF for printing, or to save and send in an email. You may also view the Bog/Section Map from the Fruitworm Egg Count Report summary screen.

[BOGS Home](#)
[Reports](#)

Demo CCCGA Grower

Fruitworm Egg Count Record (2014)

[Add Record](#) Crop Year: 2014 [Show](#)

| Fruitworm Egg Count Record Date (Number) | |
|--|---|
| 08/04/2014 10:30 PM (2014-5) | Edit Delete View PDF + Show Bog Details |
| Berries Checked: 22 Viable Eggs: 10 | |
| 08/04/2014 10:30 PM (2014-6) | Edit Delete View PDF + Show Bog Details |
| Berries Checked: 0 Viable Eggs: 2 | |
| 07/25/2014 02:00 PM (2014-2) | Edit Delete View PDF + Show Bog Details |
| Berries Checked: 205 Viable Eggs: 0 | |
| 06/13/2014 12:00 AM (2014-1) | Edit Delete View PDF + Show Bog Details |
| Berries Checked: 200 Viable Eggs: 2 | |

[Add Record](#)

Click **Add Record** to begin. Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time the scouting was conducted. To select the time, place your mouse cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.


Enter the counts for Berries Checked, Viable Eggs, Dead Eggs and Parasitized Eggs in the appropriate boxes.

Select your Scout name from the drop-down list. If the Scout's name is not found, you will need to add the person in the **Users** tab of the **Grower, Contract, Bog & People Management** section.

Select the relevant bog and select the individual sections scouted. Select "Map Sections" to view the Google map that you created when you set up the Bog and sections.

Click **Save** when you have completed your Fruitworm Egg Count Record.

You may go back to the Fruitworm Egg Count Report screen at any time to Edit or Delete previously entered data. You may also view an online Report or PDF for printing, or to save and send in an email. You may also view the Bog/Section Map from the Fruitworm Egg Count Record summary screen.



BOGS Home Reports

Demo CCCGA Grower

Fruitworm Egg Count Record (2014)

Crop Year:
2014

Date/Time:

Berries Checked:

Viable Eggs:

Dead Eggs:

Parasitized Eggs:

Scout Name:
Averill, Anne ▼

Bog:
☐ 12 Section Bog

Bog:
☐ Bergeron Bog

Bog:
☐ test spot map bog

Bog:
☐ Wendy's bog

Comments:

Save Cancel

Out of Bloom Report

Select **Out of Bloom Report** from the **IPM Tools** section of the Reports Home screen to record and calculate the percent out of bloom for your bog and/or sections. There will be no data on this summary screen until you have input your first Trap Record. Each blue bar represents a report, with the details summarized below the bar.

BOGS
A RECORD-KEEPING AND PEST MANAGEMENT TOOL

BOGS Home Reports

Demo CCCGA Grower

Out of Bloom Record (2014)

+ Add Record

| Out of Bloom Record Date (Number) | |
|--|---|
| 06/24/2014 08:00 AM (2014-8) | Edit Delete View PDF + Show Bog Details |
| Total (AVG): Flowers: 200 (9.5) , Fruit: 200 (9.5) , Pinheads: 200 (9.5) , Pods: 200 (9.5) , OOB: 0.5% | |
| 06/24/2014 06:00 AM (2014-7) | Edit Delete View PDF + Show Bog Details |
| Total (AVG): Flowers: 36 (3.3) , Fruit: 44 (4.0) , Pinheads: 45 (4.1) , Pods: 45 (4.1) , OOB: 0.5% | |

+ Add Record

Click **Add Record** to begin. Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time the scouting was conducted. To select the time, place your mouse cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.

Enter the counts for Pods, Flowers, Pinheads, and Fruit for each Upright. The screen will display a set of ten uprights. For additional sets of uprights to record, click **Add Upright** to display another set of ten uprights.

Select your Scout name from the drop-down list. If the Scout’s name is not found, you will need to add the person in the **Users** tab of the **Grower, Contract, Bog & People Management** section.

Select the relevant bog and select the individual sections scouted. Select **Map Sections** to view the Google map that you created when you set up the Bog and Sections.

Click **Save** when you have completed your Out of Bloom Record.

You may go back to the Out of Bloom Record screen at any time to Edit or Delete previously entered data. You may also view an online Report or PDF for printing, or to save and send in an email. You may also view the Bog/Section Map from the Out of Bloom Record summary screen.

Pesticides

Create Pesticide Work Order

Work Orders are optional. They can be used to help determine the amount of product needed to purchase/apply, as a work plan for applicators and, most importantly, as a check before making an application. BOGS has handler restrictions, as well as certain regulatory requirements, such as Zone II restrictions, and label requirements such as total amounts applied in a season or waiting periods between applications. By utilizing the “Work Order” function, these warning triggers will go off before any applications are made, allowing you to make adjustments or change control options.

To begin, select **Create Pesticide Work Order** under the “Pesticides” section of the Reports Home screen.

The Work Order summary screen will be blank until you begin to add work orders. The blue bars represent each different work order created. The white bar below each blue bar is a summary of the order. You may go back at any time to Edit or Delete previously entered Work Orders. You may also view an online Report or PDF for printing. As an option, you may wish to save a Work Order as a PDF and then email it to an applicator as an attachment.

You may choose to combine work orders into a single report. You may go back at any time to “Uncombine” them, if you wish.

Note: BOGS will warn you of regulations, restrictions or environmental concerns associated with the use/application of a pesticide. Click the red “**Caution**” label from the report table to view details on any listed warnings. This information will also be displayed when you Save a new Work Order or Edit an existing Work Order. For your convenience, BOGS attempts to identify all applicable regulations, restrictions and warnings but it is ultimately the grower’s responsibility to know and follow any regulations and restrictions regarding pesticide applications.

Below: Check the boxes to the left of each Work Order and select “Combine Checked” to combine the work orders into one report. Select “Uncombine” from the blue order summary to report on a single Work Order.



BOGS Home Reports

Demo CCCGA Grower

Pesticide Work Orders (2015)

[Add Record](#)

| Pesticide Work Order Date (Number) | | | | | | |
|------------------------------------|--------------------------------|--|------------------------------------|------------------|------------------------------------|---------------------|
| <input type="checkbox"/> | 05/06/2015 10:00 AM (2015-855) | Edit Delete View PDF | + Show Bog Details | | | |
| Treatment: Delegate WG | | Label PHI: 21 | REI: 4 hrs | EPA #: 62719-541 | Rate/Acre: 4.00 oz | Method: Chemigation |
| <input type="checkbox"/> | 05/05/2015 02:00 AM (2015-856) | Edit Delete View PDF | Caution | | + Show Bog Details | |
| Treatment: Actara | | Label PHI: 30 | REI: 12 hrs | EPA #: 100-938 | Rate/Acre: 4.00 oz | Method: Chemigation |
| Combine Checked | | | | | | |

[Add Record](#)

Click **Add Record** to begin.

Some growers may need to associate an application with a scouting record. Select the IPM record from the drop-down that is associated with the application.

Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time the scouting was conducted. To select the time, place your mouse-cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.

Select a pesticide from the drop-down list. If the pesticide is not listed, contact CCCGA and it can be added to the program. The Rate/Acre field will notify you of the recommended rate of the selected pesticide. Enter your Dilutant/Acre in gallons. The method denotes the intended application mode. The sticker fields are optional, should you elect to use a sticker, NIS, etc. Select your bog(s) to display the sections within the bogs. You may select each section individually or click **Check All Sections** to automatically select all bog sections. Select “Map Sections” to view the Google map that you created when you set up the Bog and sections. The “% Acres to Treat” field defaults to 100%. If you are spot treating, input the percentage that you estimate applies to a particular application. The “Authorization Name” applies to those growers with specific on-farm certification programs.

Demo CCCGA Grower

Pesticide Work Order (2015)

Crop Year:
2015

IPM Record:

Date/Time:

Pesticide:

Rate/Acre:

Diluent/Acre:

 gls

Method:

Sticker Type:

Sticker Trade Name:

Sticker Rate/Acre:

 fl oz

Notes:

Bog:

☐ 12 Section Bog

Bog:

☐ Bergeron Bog

% Acres to Treat:

%

Authorization Name:

Save

Cancel

Applying Pesticides

Under the “Pesticides” section of the Reports Home screen, select **Pesticides Applied**. The pesticide application summary screen will be blank until you record a pesticide application. As the example below depicts, each blue bar represents a different pesticide treatment, with details in white below that. The default sort order is by date, with the most recent application at the top. You may also sort the list by treatment or bog.

Note: BOGS will warn you of restrictions associated with the use/application of a pesticide. Click the red “Caution” label from the report table to view details on any listed restrictions. This information will also be displayed when you Save a new Pesticide Input or Edit an existing Pesticide Input. Remember, BOGS attempts to record all possible restrictions but it is ultimately the grower’s responsibility to read and follow the pesticide label and to check with your handler on any additional restrictions.



BOGS Home Reports

Demo CCCGA Grower
Pesticide Applications (2015)

+ Add Record

| Application Date (Number) | Sort By: Date Treatment Bog |
|---|--|
| 05/05/2015 02:00 AM (2015-3899) | Edit Delete View PDF Map Caution + Show Bog Details |
| Treatment: Actara Label PHI: 30 REI: 12 hrs EPA #: 100-938 Rate/Acre: 4.00 oz Method: Chemigation | |

+ Add Record

You have the option to associate a pesticide application with a work order. If you select a work order, much of the information is pre-populated; but you can always edit these fields. The asterisks denote required fields.

Select your bog(s) to display the sections within the bogs. You may select each section individually or click **Check All Sections** to automatically select all bog sections. Select “Map Sections” to view the Google map that you created when you set up the Bog and sections.

For spot treatments, enter the percentage of bog treated in the “% Acres Treated” field. There are options for selecting both the primary and secondary target pests. The weather and WPS fields are optional but aspects may prove helpful should you ever be audited or have a neighbor complaint.

Note: An Applicator, with license number, must be set up in the Users tab of your BOGS account **before** you record a pesticide application.

Select the pesticide applicator from the drop-down list. If the correct Applicator Name is not available it means you have not set them up as a User or you did not assign them a pesticide license number (If a User does not have a pesticide license number, their name will not be available in the list). Please see the User section of this guide for more information about setting up Users.

The EPA NPDES fields are only for those growers with a NOI as part of the NPDES process. Anything can be written in the notes field.



[BOGS Home](#)

[Reports](#)

Demo CCCGA Grower

Pesticide Application Record (2015)

Crop Year:
2015

Pesticide Work Order:

Date/Time: *

Pesticide: *

Rate/Acre: *

Diluent:

 gls

Method: *

Bog:

☐ 12 Section Bog

Bog:

☐ 2nd bog for nutrient planning

% Acres Treated: *

 100 %

Target Pest:

Secondary Target Pest(s):

+ Show Secondary Target Pests

Applicator Name (License Number): *

☐ Hamilton, Douglas (272013)

☐ Julien, Claude (543)

☐ Kennard, Barry (1234567)

☐ Rask, Tuukka (4040)

☐ Rinta, Linda (1234567890)

☐ Sylvia, Marty (17608)

☐ Wick, Brian (7654321)

Growth Stage:

Weather Conditions:

Temperature:

 °F

Wind Speed:

 mph

Personal Protection Worn:

☐ Boots ☐ Face Shield ☐ Gloves

☐ Coveralls ☐ Glasses ☐ Respirator

Spray Calculation Check:

☐ Area ☐ Pressure ☐ Velocity

(Input screen continued from previous page)

EPA NPDES Growers

NPDES Use Type:

Visual Monitoring During Application: *
☐ Yes ☐ No

Visual Monitoring Post-Application: *
☐ Yes ☐ No

Adverse Incident: *
☐ Yes ☐ No

Adverse Incident Comment:

Notes:

Save Cancel

You may go back to the Pesticide Application screen at any time to Edit or Delete previously entered data. You may also view an online Report or PDF for printing, or to save and send in an email. You may also view the Bog/Section Map from the Out of Bloom Record summary screen.

Pesticide Use Reports

There are several reports associated with Pesticide Applications. You may view pesticide use by bog or contract. The **Pesticide Use Report (Filter Bog/Section)** allows you to view applications to one or more bog section by selecting the bogs and associated sections, in essence filtering the results.

You may also run handler and state reports.

If you are a NJ grower, you will have the **State-NJ** report available to you. If you are a MA grower you will have the **State-MA** report available to you. The state reports are due in the spring following the previous crop year. If you are running your state report in the spring, be sure to change your Crop Year to the previous year. (Be sure to change the Crop Year back to the current year before you proceed with any applications or reporting for your current crop.)

See Crop Year drop-down field on next page.

Crop Year: 2016 ▾ Show

- 2006
- 2007
- 2008
- 2009
- 2010
- 2011
- 2012
- 2013
- 2014
- 2015
- 2016

Handler reports are specific to each handler. Some handlers prefer to receive their reports electronically. Please refer to the instructions on each individual Handler Report page for more information.

The **PHI Delivery Report** displays each bog section and the earliest you may deliver that section based on PHI.

The **Bogs in Zone II** report lists all of your bog sections and identifies which ones are in a Zone II (this is based on how you initially setup your bog information).

Select **MA Zone II Pesticide Notification Form** to notify the Massachusetts Department of Agricultural Resources Pesticide Bureau when you apply a pesticide product that is listed on the Groundwater Protection List. BOGS will keep track of any relevant Pesticide Applications and will produce a “Groundwater Protection Program Notification Form” that you must mail in within 10 days of the end of each calendar month.



A RECORD-KEEPING AND PEST-MANAGEMENT TOOL


BOGS Home Reports

Demo CCCGA Grower

Pesticide Use Report for Bog/Section (2015)

+ Show Filter Details

| Pesticide Report | View PDF |
|-------------------------------|--------------------|
| 12 Section Bog | + Show Bog Details |
| 2nd bog for nutrient planning | + Show Bog Details |
| Bergeron Bog | + Show Bog Details |
| Big Bad Bog | + Show Bog Details |
| Big Bog | + Show Bog Details |
| Churchill | + Show Bog Details |



A RECORD-KEEPING AND PEST-MANAGEMENT TOOL

BOGS Home Reports

Demo CCCGA Grower

Pesticide Use Report for Bog/Section (2015)

+ Show Filter Details

| Pesticide Report | View PDF | | | |
|--|--------------------|------------------|-------------------|---------|
| 12 Section Bog | + Show Bog Details | | | |
| 2nd bog for nutrient planning | - Hide Bog Details | | | |
| Bog : Handler : Contract | | | | |
| 2nd bog for nutrient planning : OSC : 001-9876 | | | | |
| Section | Acres | Market | Variety | Zone II |
| Section 1 nutrients | 5.00 Acres | Domestic Process | CANADIAN BLUEBELL | |
| Section 2 nutrients | 12.00 Acres | Domestic Process | BILLY BLACK | |
| Bergeron Bog | + Show Bog Details | | | |

Nutrients

Create Your Nutrient Management Plan

New Regulations: Starting with the 2016 growing season, all growers with more than 10 acres will be required to have a Nutrient Management Plan to satisfy the new Massachusetts plant nutrient regulations (333 CMR 31.00). This plan must be created BEFORE applying any fertilizer.

For more information on the nutrient management regulations, visit the Massachusetts Department of Agricultural Resources' web site at <http://www.mass.gov/eea/agencies/agr/pesticides/plant-nutrient-management.html>

Your plan will include some general information regarding your bog location, as well as specific needs of cranberry plants as provided by the UMass Cranberry Station Chart Book. The general information is created by YOU with your inputs to the BOGS system when you set up and map your Bogs and Sections

Each planning element will be created as you make a Nutrient “work order” of your intentions. A work order can always be altered. After you apply the nutrients and enter this information, the ‘plan’ becomes an “application” and will be automatically stored in your reports. Every application should have a corresponding plan (work order), associated with it. If you keep this up to date than you will be able to print out a Nutrient Management Plan at any time and demonstrate your compliance with the Nutrient Management Regulations.


To Create Your Nutrient Management Plan (required for all growers with 10 or more acres of bog) you must perform the following in your BOGS account:

- Setup Bog and Section Information, including Maps
- Enter Tissue or Soil Test Results (as available)
- Calculate Your Base Nutrients
- Create Nutrient Work Order
- Record Nutrients Applied
- Generate a Plan

Please refer to the appropriate sections of this User Guide for more information about each of the functions listed above.

Calculate Your Nutrients

Under the “Nutrients” section of the Reports Home screen, select **Calculate Your Nutrients** to calculate either the total pounds of nutrient needed based on the desired nitrogen amount or the total pounds of each element based on the total pounds of nutrient to be applied per acre.



BOGS Home **Reports**

Demo CCCGA Grower

Calculate Your Nutrients

Calculate Total Pounds Nutrient per Acre Based on Nitrogen Need

How Many Pounds of Nitrogen:

Nitrogen Ratio (%):

Phosphorous Ratio (%):

Potassium Ratio (%):

Calculate Total Pounds of Each Element Based on Total Pounds of Nutrient Applied per Acre


What are the total pounds of nutrient per acre to be applied:

Nitrogen Ratio (%):

Phosphorous Ratio (%):

Potassium Ratio (%):

Enter your data and click **Calculate**.



BOGS Home **Reports**

Demo CCCGA Grower

Calculate Your Nutrients

⚠ No more than 20 lb/A P recommended if tissue test is normal (UMass Cranberry Station)

Calculate Total Pounds Nutrient per Acre Based on Nitrogen Need

How Many Pounds of Nitrogen: 100
Nitrogen Ratio (%): 20
Phosphorous Ratio (%): 20
Potassium Ratio (%): 20
Total Pounds of Nutrient Required per Acre: 500
Total Pounds of Nitrogen: 100
Total Pounds of Phosphorous: 44
Total Pounds of Potassium: 83

Calculate Total Pounds of Each Element Based on Total Pounds of Nutrient Applied per Acre

What are the total pounds of nutrient per acre to be applied: 150
Nitrogen Ratio (%): 20
Phosphorous Ratio (%): 20
Potassium Ratio (%): 20
Total Pounds of Fertilizer: 150
Total Pounds of Nitrogen: 30
Total Pounds of Phosphorous: 13.2
Total Pounds of Potassium: 24.9

Calculations will be performed by BOGS based on your input values. Any calculations that are out of line with recommendations as outlined in the UMass Cranberry Station Guidelines will display a warning at the top of the page.

Create Nutrient Work Order

Nutrient Work Orders are optional for most growers. If you farm more than 10 acres and will be applying nutrients this growing season Work Orders are required to be a part of your Nutrient Management Plan, as recommended by UMass Cranberry Station Guidelines. Work Orders can be used to help determine the amount of product needed to purchase/apply, as a work plan for applicators and, most importantly, as a check before making an application. To begin, select **Create Nutrient Work Order** under the **Nutrients** section of the Reports Home screen.

The work order screen will be blank until you create your first Work Order. The blue bars represent each different Work Order created. The white bar below each blue bar is a summary of the order. You may go back at any time to Edit or Delete previously entered Work Orders. You may also view an online Report or PDF for printing. As an option, you may wish to save a Work Order as a PDF and then email it as an attachment. You may also view the Bog/Section Map from the summary screen.

Note: BOGS will warn you of regulations, restrictions or environmental concerns associated with the use/application of a nutrient. Click the red “**Caution**” label from the report table to view details on any listed warnings. This information will also be displayed when you Save a new Work Order or Edit an existing Work Order. For your convenience, BOGS attempts to identify all applicable regulations, restrictions and warnings but it is ultimately the grower’s responsibility to know and follow any regulations and restrictions regarding nutrient applications.

| Nutrient Work Order Date (Number) | | | | | |
|-----------------------------------|----------------------------|--------------------|----------|---------------------------|--|
| 10/14/2015 06:00 AM (2015-224) | Edit Delete View PDF | + Show Bog Details | | | |
| Rate/Acre: 2.50 gls | N: 10.00 | P: 20.00 | K: 10.00 | Total To Apply: 50 gls | |
| 10/01/2015 08:00 AM (2015-223) | Edit Delete View PDF | + Show Bog Details | | | |
| Rate/Acre: 5.00 oz | N: 7.00 | P: 7.00 | K: 7.00 | Total To Apply: 397.5 oz | |
| 06/24/2015 08:00 AM (2015-196) | Edit Delete View PDF | + Show Bog Details | | | |
| Rate/Acre: 275.00 lbs | N: 12.00 | P: 15.00 | K: 20.00 | Total To Apply: 8,470 lbs | |

Click **Add Record** to begin.



BOGS Home

Reports

Demo CCCGA Grower

Nutrient Work Order (2015)

Crop Year:
2015

Date/Time: *

Nutrient Name:

Rate/Acre: *

Rate Type: *

Nitrogen Ratio (%): *

Phosphorous Ratio (%): *

Potassium Ratio (%): *

Growth Stage:

Poor Vine Condition:

☒ No ☐ Yes

Thin Density:

☒ No ☐ Yes

Excessively Upright Length:

☒ No ☐ Yes

Undesirable Leaf Color:

☒ No ☐ Yes

Insect Damage:

☒ No ☐ Yes

Winter Damage:

☒ No ☐ Yes

Application Company Fields:

+ Show Fields

Aircraft Fields:

+ Show Fields

Bog:

☐ 12 Section Bog

Bog:

☐ 2nd bog for nutrient planning

Bog:

☐ Bergeron Bog

% Acres to Treat: *

%

Save

Cancel

Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time the application is planned. To select the time, place your mouse-cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.

Input the name of the Nutrient you have applied and the Rate/Acre. Select the units (Rate Type) for your Rate/Acre and enter the Nitrogen/Phosphorous/Potassium ratios. Provide characteristics about your crop that helped you decide to apply a particular nutrient, and provide Application Company and Aircraft information as needed. These optional fields are to be used as part of your Nutrient Management Plan if you farm more than 10 acres and will be applying nutrients this season.

Select your bog(s) to display the sections within the bogs. You may select each section individually or click **Check All Sections** to automatically select all bog sections. Select “Map Sections” to view the Google map that you created when you set up the Bog and sections.


The “% Acres to Treat” field defaults to 100%. If you are spot treating, input the percentage that you estimate applies to a particular application.

Click **Save** to save your Nutrient Work Order.

Applying Nutrients

To record Nutrient Applications, under the “Nutrients” section of the Reports Home screen, select **Nutrients Applied** from the Reports Home page.

The Nutrient Application Record summary screen will be blank until you input your Applications. The blue bars represent each Nutrient Application Record created. The white bar below each blue bar is a summary of the Application. You may go back at any time to Edit or Delete previously entered Nutrient Application Records. You may also view an online Report or PDF for printing. You may also save your Nutrient Application Record as a PDF and email it as an attachment. You may also view the Bog/Section Map from the summary screen.



A RECORD-KEEPING AND PEST MANAGEMENT TOOL

| | |
|-----------|---------|
| BOGS Home | Reports |
|-----------|---------|

Demo CCCGA Grower
Nutrient Applications (2015)


+ Add Record

| Input Nutrient Date (Number) | Sort By: Date Treatment Bog | | | |
|--------------------------------|---------------------------------|--------------------|----------|--------------------------|
| 10/14/2015 06:00 AM (2015-707) | Edit Delete View PDF | + Show Bog Details | | |
| Rate/Acre: 2.50 gls | N: 10.00 | P: 20.00 | K: 10.00 | Total Applied: 50 gls |
| 06/24/2015 08:00 AM (2015-706) | Edit Delete View PDF | + Show Bog Details | | |
| Rate/Acre: 275.00 lbs | N: 12.00 | P: 15.00 | K: 20.00 | Total Applied: 8,470 lbs |

+ Add Record

Note: BOGS will warn you of regulations, restrictions or environmental concerns associated with the use/application of nutrient. Click the red “Caution” label from the report table to view details on any listed warnings. This information will also be displayed when you Save a new Nutrient Application Record or Edit an existing Nutrient Application Record. Remember, BOGS attempts to record all possible regulations, restrictions or warnings but it is ultimately the grower’s responsibility to know and follow any of regulations or restrictions regarding fertilizer applications.

Click **Add Record** to begin.



[BOGS Home](#) [Reports](#)

Demo CCCGA Grower

Nutrient Application Record (2015)

Crop Year:
2015

Nutrient Work Order:

Date/Time: *

Nutrient Name:

Rate/Acre: *

Rate Type: *

Nitrogen Ratio (%): *

Phosphorous Ratio (%): *

Potassium Ratio (%): *

(Screen continued on next page)

Vine Growth:

Projected Yield:

Growth Stage:

Poor Vine Condition:
☒ No ☐ Yes

Thin Density:
☒ No ☐ Yes

Excessively Upright Length:
☒ No ☐ Yes

Undesirable Leaf Color:
☒ No ☐ Yes

Insect Damage:
☒ No ☐ Yes

Winter Damage:
☒ No ☐ Yes

Application Company Fields:
+ Show Fields

Aircraft Fields:
+ Show Fields

Bog:
☐ 12 Section Bog

Bog:
☐ 2nd bog for nutrient planning

% Acres Treated: *
 %

Notes:

Save Cancel

You have the option to associate a Nutrient Application Record with a Work Order. If you select a Work Order, many of the fields will be pre-populated - you may edit these fields at any time.

Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time the application was made. To select the time, place your mouse-cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.

Input the name of the Nutrient you have applied and the Rate/Acre. Select the units (Rate Type) for your Rate/Acre and enter the Nitrogen/Phosphorous/Potassium ratios. Provide characteristics about your crop that helped you decide to apply a particular nutrient, and provide Application Company and Aircraft information as needed.

Select your bog(s) to display the sections within the bogs. You may select each section individually or click **Check All Sections** to automatically select all bog sections. Select “Map Sections” to view the Google map that you created when you set up the Bog and sections.

Inputting less than 100% in the “% Acres to Test” field will allow you to produce Spot Treatment Maps at a later time.

Click **Save** to save your Nutrient Application Record.

Nutrient Application Report

Under the “Nutrients” section of the Reports Home screen, select **Nutrient Application Report** if you would like to view your nutrient use to date. This report can be printed or saved as a PDF.

Nutrient Application Report (2015)

Demo CCCGA Grower

Date/Time: 01/19/2016 02:52 PM


| Bog | Section | Acres | Date | N | P | K | lb/Acre | N/Acre | Total N | P/Acre | Total P | K/Acre | Total K | Total lbs |
|--------------|---------|-------|--------|----|----|----|---------|--------|---------|--------|---------|--------|---------|-----------|
| Bergeron Bog | A1, A3 | 8.30 | 24-Jun | 12 | 15 | 20 | 275 | 33.0 | 273.9 | 18.2 | 150.6 | 45.7 | 378.9 | 2,282 |
| Total | | | | | | | | 33.0 | 273.9 | 18.2 | 150.6 | 45.7 | 378.9 | 2,282 |
| Big Bad Bog | No Name | 8.00 | 24-Jun | 12 | 15 | 20 | 275 | 33.0 | 264.0 | 18.2 | 145.2 | 45.7 | 365.2 | 2,200 |
| Total | | | | | | | | 33.0 | 264.0 | 18.2 | 145.2 | 45.7 | 365.2 | 2,200 |
| Big Bog | A1 | 4.50 | 24-Jun | 12 | 15 | 20 | 275 | 33.0 | 148.5 | 18.2 | 81.7 | 45.7 | 205.4 | 1,238 |
| Total | | | | | | | | 33.0 | 148.5 | 18.2 | 81.7 | 45.7 | 205.4 | 1,238 |
| Churchill | C2b, C3 | 10.00 | 24-Jun | 12 | 15 | 20 | 275 | 33.0 | 330.0 | 18.2 | 181.5 | 45.7 | 456.5 | 2,750 |
| Total | | | | | | | | 33.0 | 330.0 | 18.2 | 181.5 | 45.7 | 456.5 | 2,750 |
| Old Bog | B1, B2 | 20.00 | 14-Oct | 10 | 20 | 10 | 24 | 2.4 | 47.5 | 2.1 | 41.8 | 2.0 | 39.4 | 475 |
| Total | | | | | | | | 2.4 | 47.5 | 2.1 | 41.8 | 2.0 | 39.4 | 475 |

| Total Amount Needed | N | P | K | Total lbs | # 50 lb Bags |
|---------------------|----|----|----|-----------|--------------|
| | 12 | 15 | 20 | 8,470 | 169 |
| 8,470 | | | | | |

| Total Amount Needed | N | P | K | Total gls |
|---------------------|----|----|----|-----------|
| | 10 | 20 | 10 | 50 |
| 50 | | | | |

Horticultural Inputs

Please refer to the UMass Cranberry Station Guidelines for information regarding the timing and requirements for **Tissue Tests** and **Soil Tests**. Please visit <http://ag.umass.edu/cranberry/publications-resources/cranberry-chart-book> and review the Nutrition section of the Chart Book.



[BOGS Home](#) [Reports](#)

Demo CCCGA Grower

Soil Test (2015)

[Add Record](#)

| Soil Test Date (Number) | | | |
|---|--|---------|------------------------------------|
| 12/10/2015 10:00 AM (2015-4) | Edit Delete View | Caution | + Show Bog Details |
| P Bray: 15.00 %, P: 0.00 PPM, K: 0.00 PPM, CA: 0.00 PPM, MG: 0.00 PPM, CEC: 0.00 PPM, Iron: 0.00 PPM | | | |
| 12/09/2015 11:00 AM (2015-5) | Edit Delete View | Caution | + Show Bog Details |
| P Bray: 20.00 %, P: 25.00 PPM, K: 20.00 PPM, CA: 15.00 PPM, MG: 10.00 PPM, CEC: 15.00 PPM, Iron: 5.00 PPM | | | |

[Add Record](#)

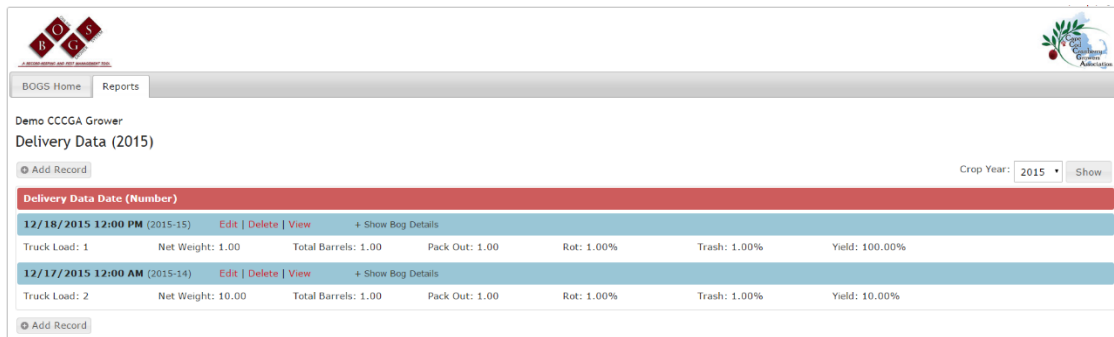
A grower can record sand application on their **Sanding Report**, including inches, number of loads, sanding method, etc.

A grower can record water use on their **Water Use Report**, including start/stop times, number of gallons per minute, reason for running pumps, etc.

Delivery Data

Delivery Data allows you to record and report the delivery details of your harvest including barrels, color and rot.

The Delivery Data summary screen will be blank until you input your delivery information. The blue bars represent each delivery data record created. The white bar below each blue bar is a summary of that record. You may go back at any time to View, Edit or Delete previously entered Data Delivery records. You may also view Bog/Section information from the summary screen.



BOGS Home Reports


Demo CCCGA Grower
Delivery Data (2015)

[Add Record](#) Crop Year: 2015 [Show](#)

| Delivery Data Date (Number) | | | | | | |
|---|-------------------|---------------------|----------------|------------|--------------|----------------|
| 12/18/2015 12:00 PM (2015-15) Edit Delete View + Show Bog Details | | | | | | |
| Truck Load: 1 | Net Weight: 1.00 | Total Barrels: 1.00 | Pack Out: 1.00 | Rot: 1.00% | Trash: 1.00% | Yield: 100.00% |
| 12/17/2015 12:00 AM (2015-14) Edit Delete View + Show Bog Details | | | | | | |
| Truck Load: 2 | Net Weight: 10.00 | Total Barrels: 1.00 | Pack Out: 1.00 | Rot: 1.00% | Trash: 1.00% | Yield: 10.00% |

[Add Record](#)

Click **Add Record** to begin.



BOGS Home Reports

Demo CCCGA Grower

Delivery Data (2015)

Crop Year:
2015

Date/Time: *

Slip Number: *

Truck Load: *

Net Weight: *

Total Barrels: *

Pack Out: *

Rot: *

Trash: *

Color: *

Brix: *

Bog:
☐ 12 Section Bog
 Bog:
☐ 2nd bog for nutrient planning

Save Cancel

Click within the “Date/Time” field to launch a calendar which will allow you to select the day and time of the Delivery. To select the time, place your mouse-cursor over the Hour and Minute bars, holding down the mouse-click and dragging across until the correct time is displayed.

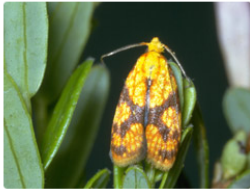
Input information in each field to describe your Delivery.

Select your bog(s) to display the sections within the bogs. You may select each section individually or click **Check All Sections** to automatically select all bog sections. Select “Map Sections” to view the Google map that you created when you set up the Bog and sections.

Click **Save** to save your Delivery Data record.

Insect Management Program

Use the Insect Management Program to help identify insect pests on your bogs and to identify chemical and cultural treatments for the pest(s) in question.



Interactive Insect Management Program

This is the UMass Cranberry Chart Book in an online format. Use it to help identify insect pests on your bogs and be given options for how to treat them – including chemical and cultural.

[Enter](#)

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