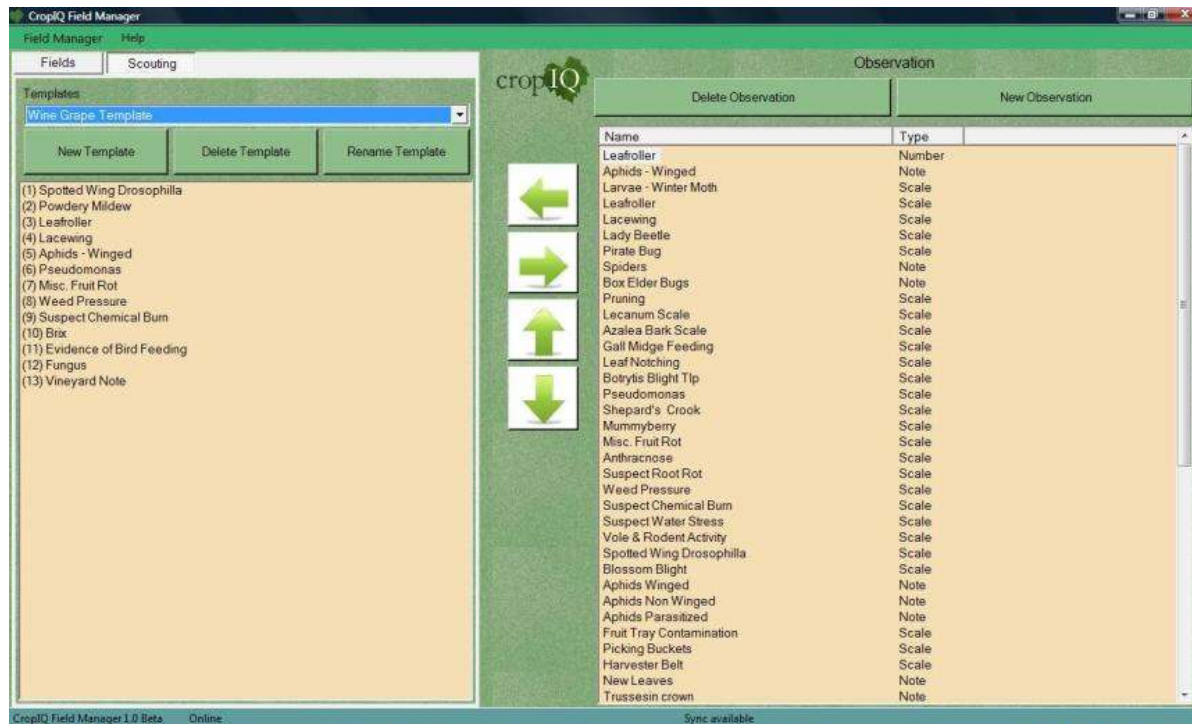


# CropIQ Software Instructions, images and workflow

Scouting sessions are designed on the PC using the CropIQ *Field Manager* program and synchronized (Sync'd) to the Handheld computer (PDA) running the CropIQ *Field Recorder* program. The PDA is connected to the PC via a USB cable and the Windows ActiveSync program (Windows XP) or Windows Mobile Device Center (Vista/Win7)



**Field Manager (PC)**



**Field Recorder (PDA)**

Launch from PDA "Start" menu

# croplQ™ scouting Workflow

1

Design your Scouting Sessions using croplQ  
*Field Manager*



Field Manager

2

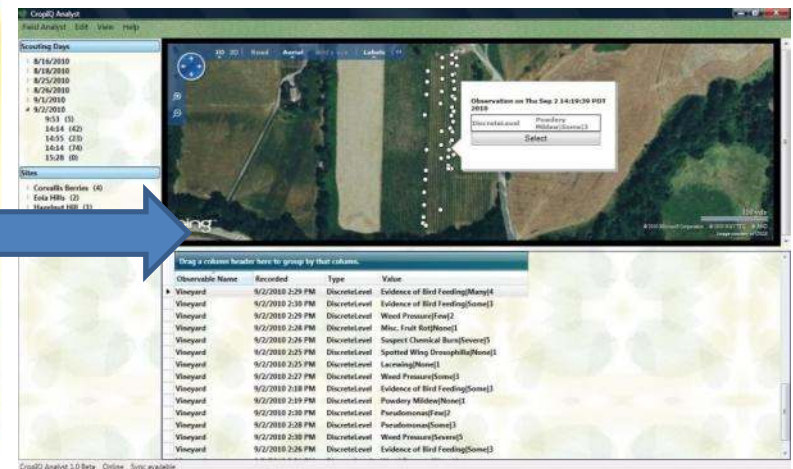
Scout with  
croplQ  
*Field Recorder*



Field Recorder

3

Store, Share, Visualize,  
Export with croplQ *Analyst*



Analyst

# Field Recorder Workflow for recording Observations

1

## Choose Scouting Location

- Location, Field, Block (if applicable) –  
*You must select a location to the “Field”  
level for recording observations*



2

## Choose Scouting Template



3

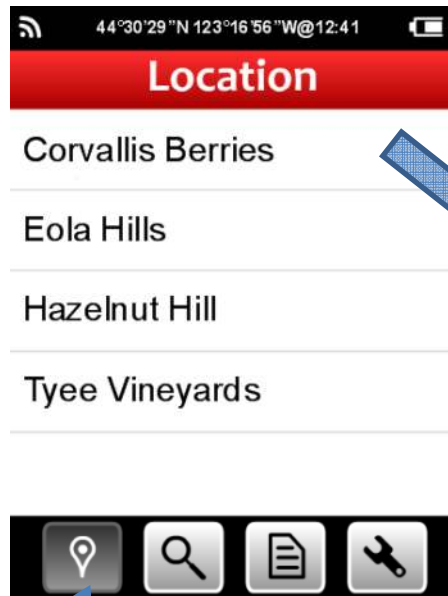
## SCOUT!

(record Observations)  
with GPS Tags and Time stamp)



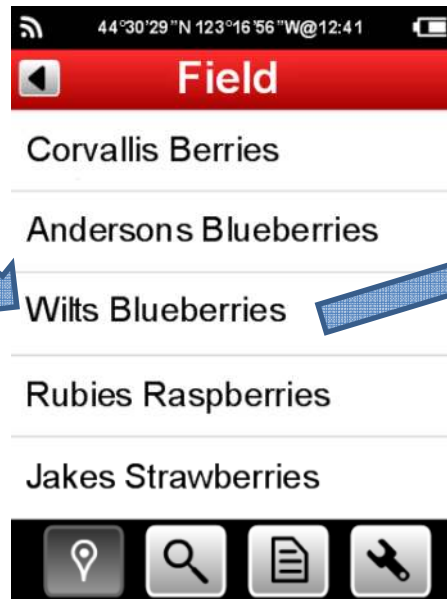
# Selecting the **Location** of your Scouting session

*Location information can be split into a 3-level Hierarchy named Location/Field/Block*



Location Icon

'Location' may also be used for company name, project name, scout name, etc.



The chosen **Location** also shows in the top of the **Field** menu. A 'Field' *must* be chosen before you may record scouting observations



The chosen **Field** also shows in the top of the **Block** menu and is an available location for recording your scouting observations. Choosing a 'Block' is optional.



# Field Recorder Observation Templates and Types

Observations can be a Scale, Note, or Number Type

## Step 1: choose Template

44°30'29"N 123°16'56"W@12:41

**Template**

- Strawberry Template
- Raspberry Template
- Blueberry Template
- Wine Grape Template
- Hazelnut Template

Observation Icon

## Step 2: take Observations

44°30'29"N 123°16'56"W@12:41

**Observation**

- Powdery Mildew
- Vineyard Note
- Brix
- Aphids - Winged
- Spotted Wing Drosophila

Scale

Note

Number

**Powdery Mildew**

- ☐ None
- ☐ Detectable
- ☐ Medium
- ☐ Medium-High
- ☐ Severe

Cancel OK

**Brix**

25

7 8 9 Clr

4 5 6 -

1 2 3 %

0 . Back

Cancel OK

**Vineyard Note**

Freeform Note using keyboard below

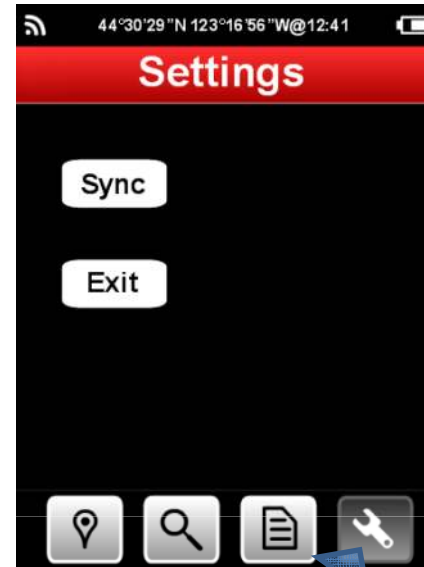
Cancel OK

**IMPORTANT NOTE:** When the *Field Recorder* program is started, you will be required to choose a 'Location' for scouting before you may pick a Template. Once a Template is chosen, *Field Recorder* will stay on that Template even if Location is changed. You must use the 'Back Arrow' from the Observation screen to get back to the Template Screen to change Templates.

# Other Useful *Field Recorder* Functions



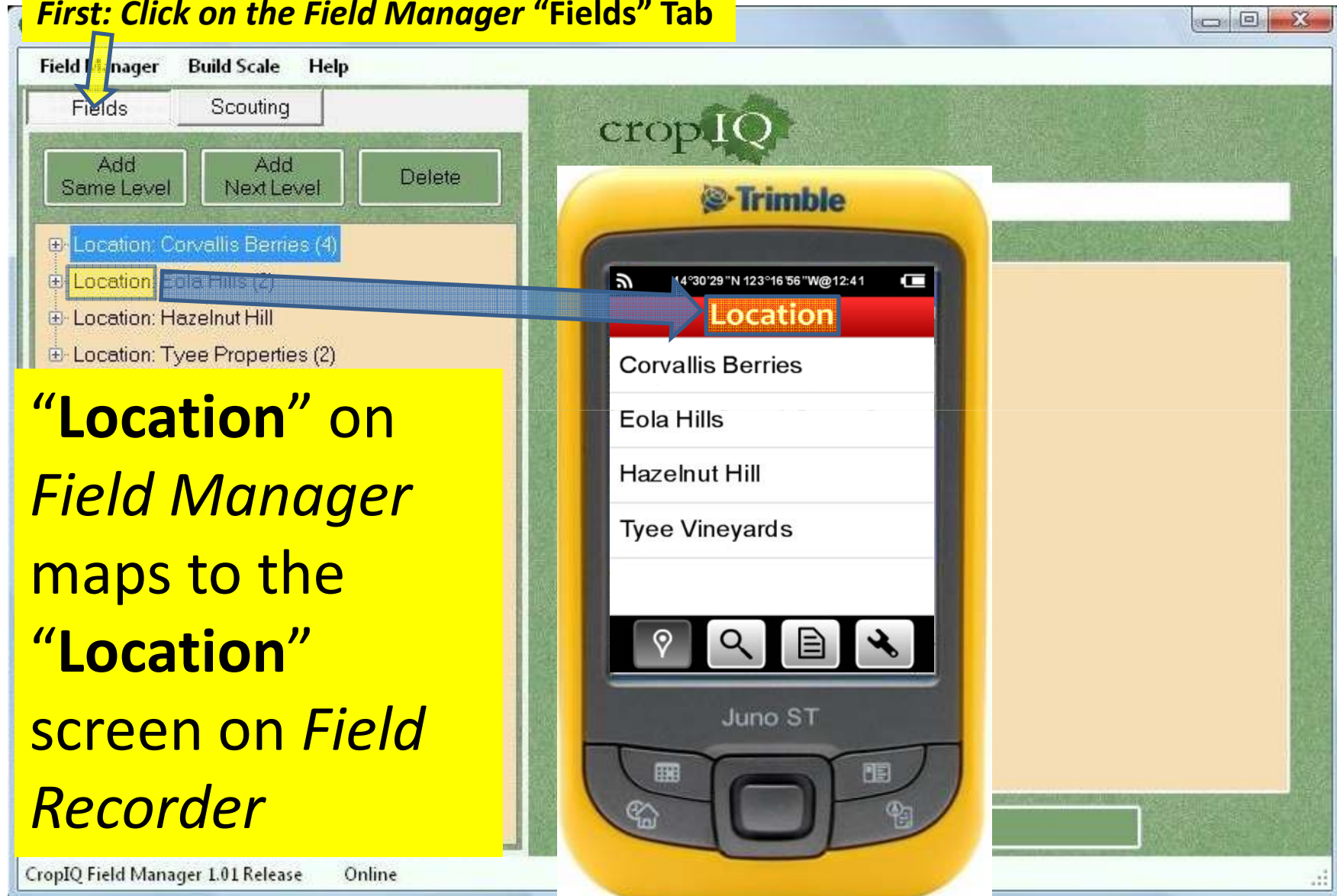
The Data Log allows you to look at all the Observations taken during your scouting session and to delete any mistaken Observations. Delete Observations by pressing the "X" in the red circle and selecting "OK"



The *Tools* menu allows you to Exit the *Field Recorder* Program ,and also to Synchronize (Sync) to the *Field Manager* Program running on your PC. Your Field Observations are added to the data on the PC and new Scouting projects and templates are loaded from the PC to the handheld (PDA)

# Field Manager “Site” to Field Recorder “Location”

**First: Click on the Field Manager “Fields” Tab**



**“Location”** on  
*Field Manager*  
maps to the  
**“Location”**  
screen on *Field Recorder*

**Field Recorder “Location” menu**

# *Field Manager “Field” to Field Recorder mapping*





# *Field Manager “Block” to Field Recorder mapping*

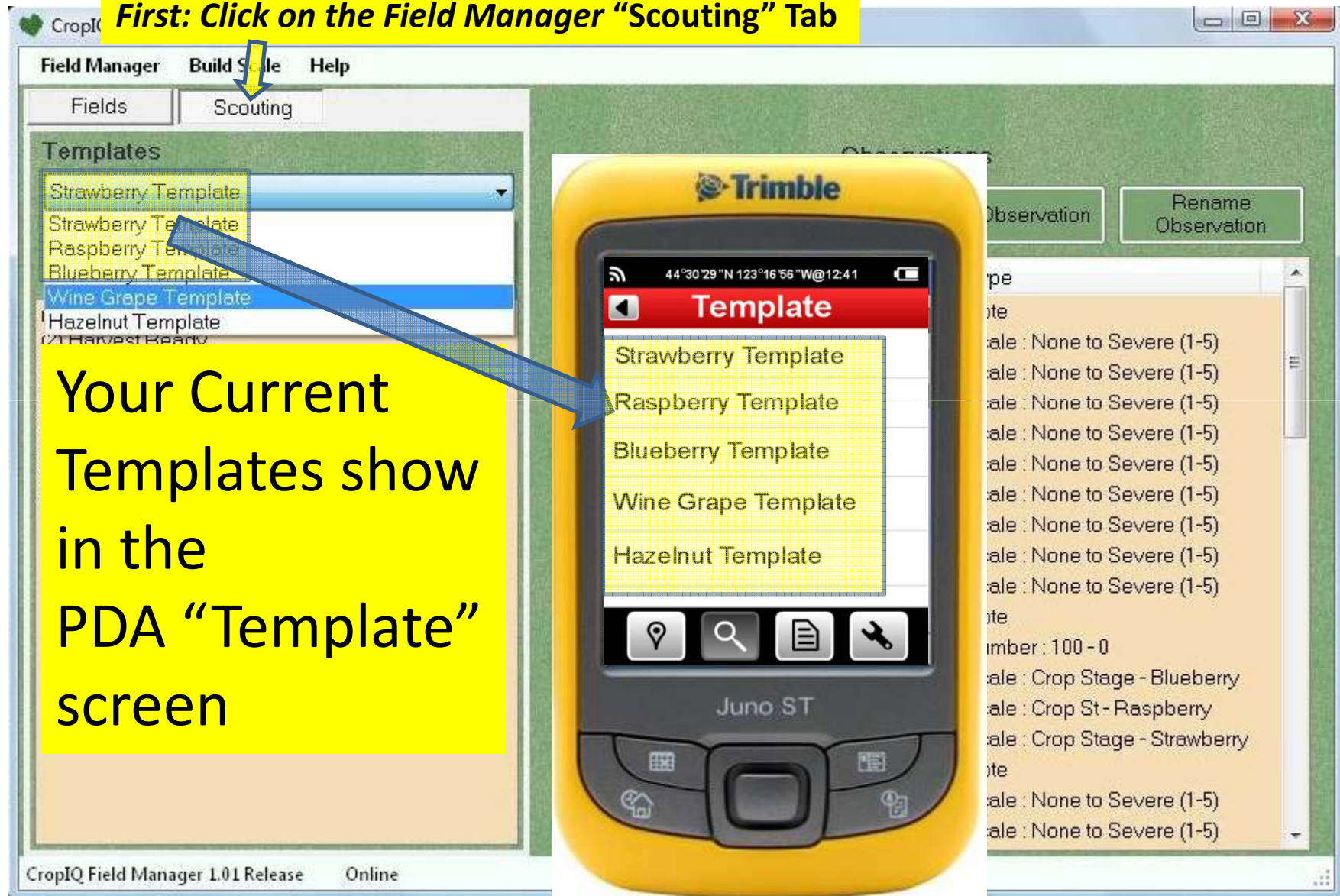


**“Block”** on *Field Manager* maps to the **“Block”** screen on *Field Recorder*

*Field Recorder “Location” menu*

# Field Manager “Template” to Field Recorder mapping

**First: Click on the Field Manager “Scouting” Tab**



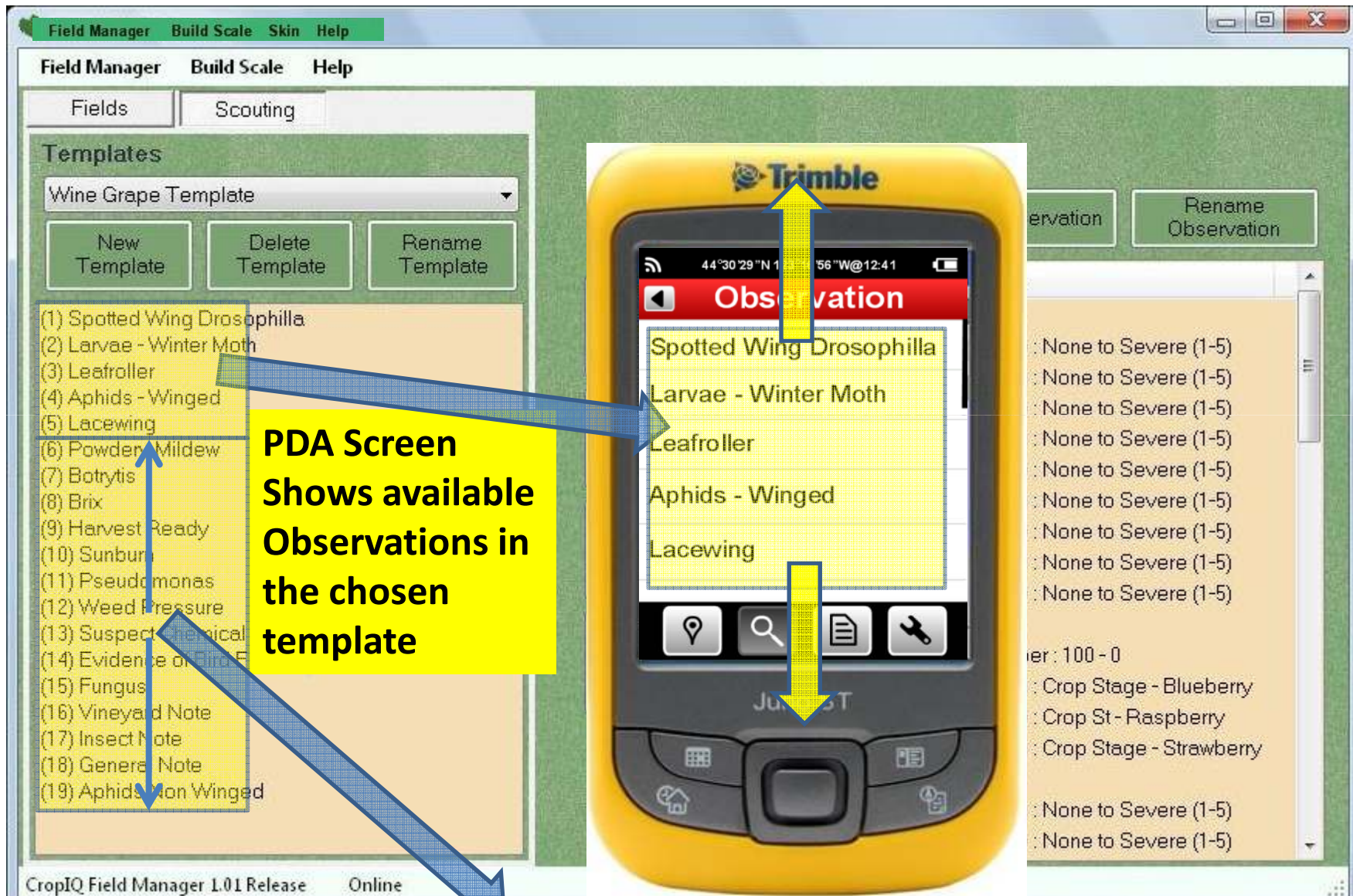
Your Current  
Templates show  
in the  
PDA “Template”  
screen

Field Manager “Scouting” Tab

Field Recorder “Template” menu

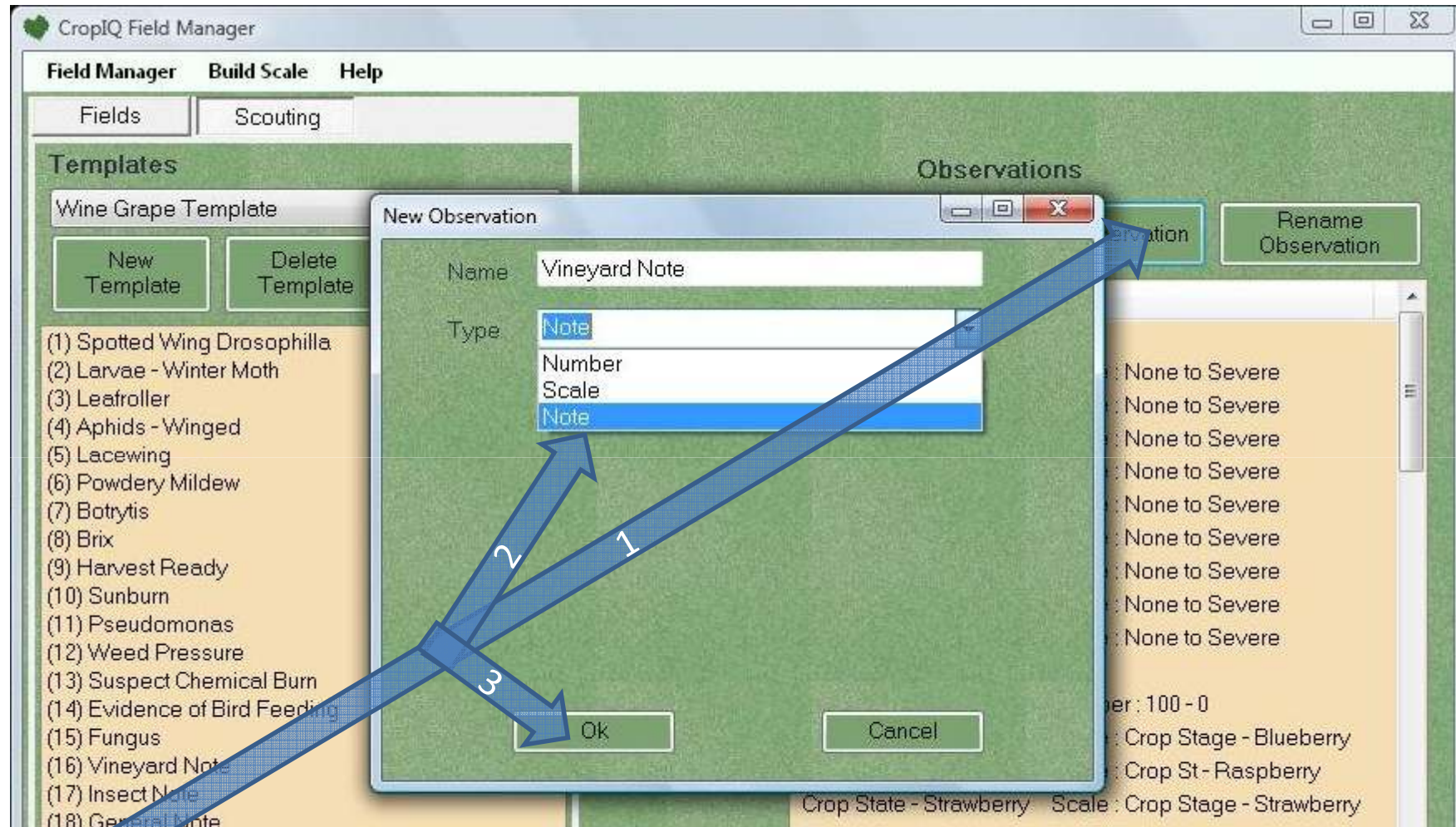


# Field Manager “Scouting” to Field Recorder mapping



The rest of the observations are accessed by 'rolling' the PDA screen with a 'finger slide'

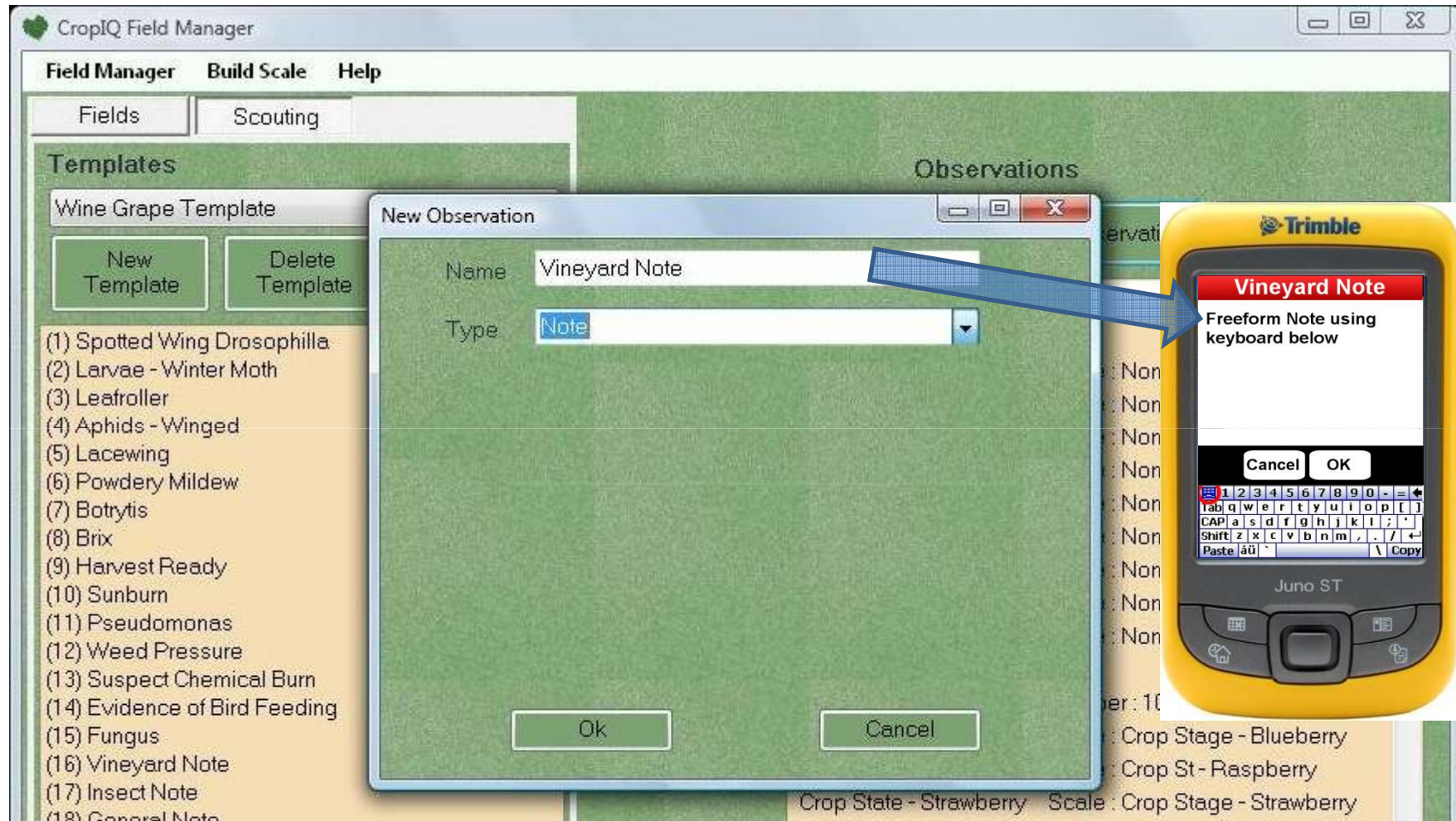
# Adding New Observations for use in Templates



**Add an Observation** by clicking on the “New Observation” button. Type the Name of the Observation. Select the Type of Observation you want by selecting from the drop-down menu and clicking “Ok”. We will describe more about the “Note”, “Number” and “Scale” type of Observations next.

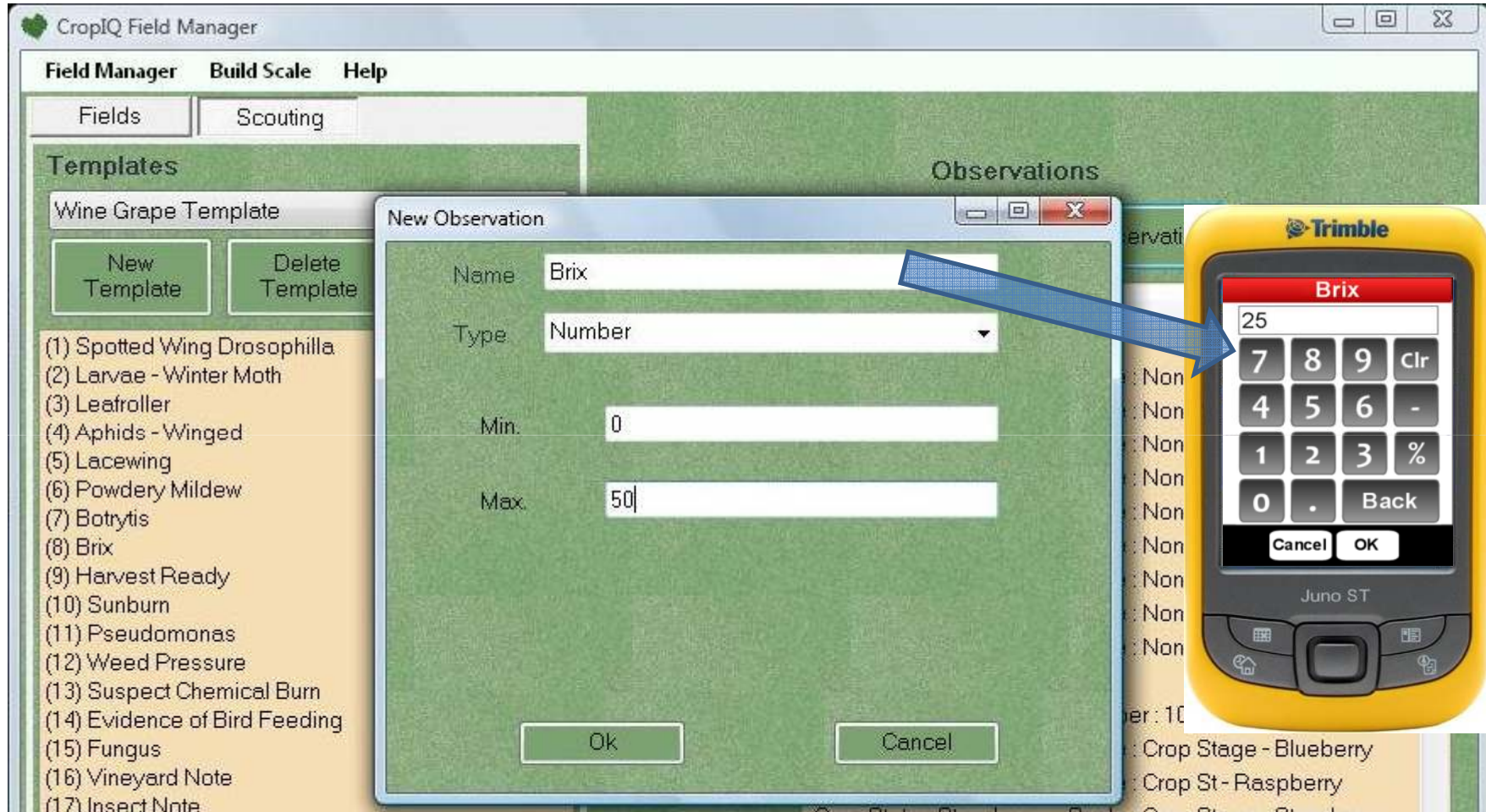


# Adding a “Note” Type of Observation



**Add a “Note” Type Observation** by clicking on the “New Observation” button. Select the “Note” Type of Observation from the drop-down menu and click “Ok”. This type of observation is good to record unexpected observations, or those requiring description.

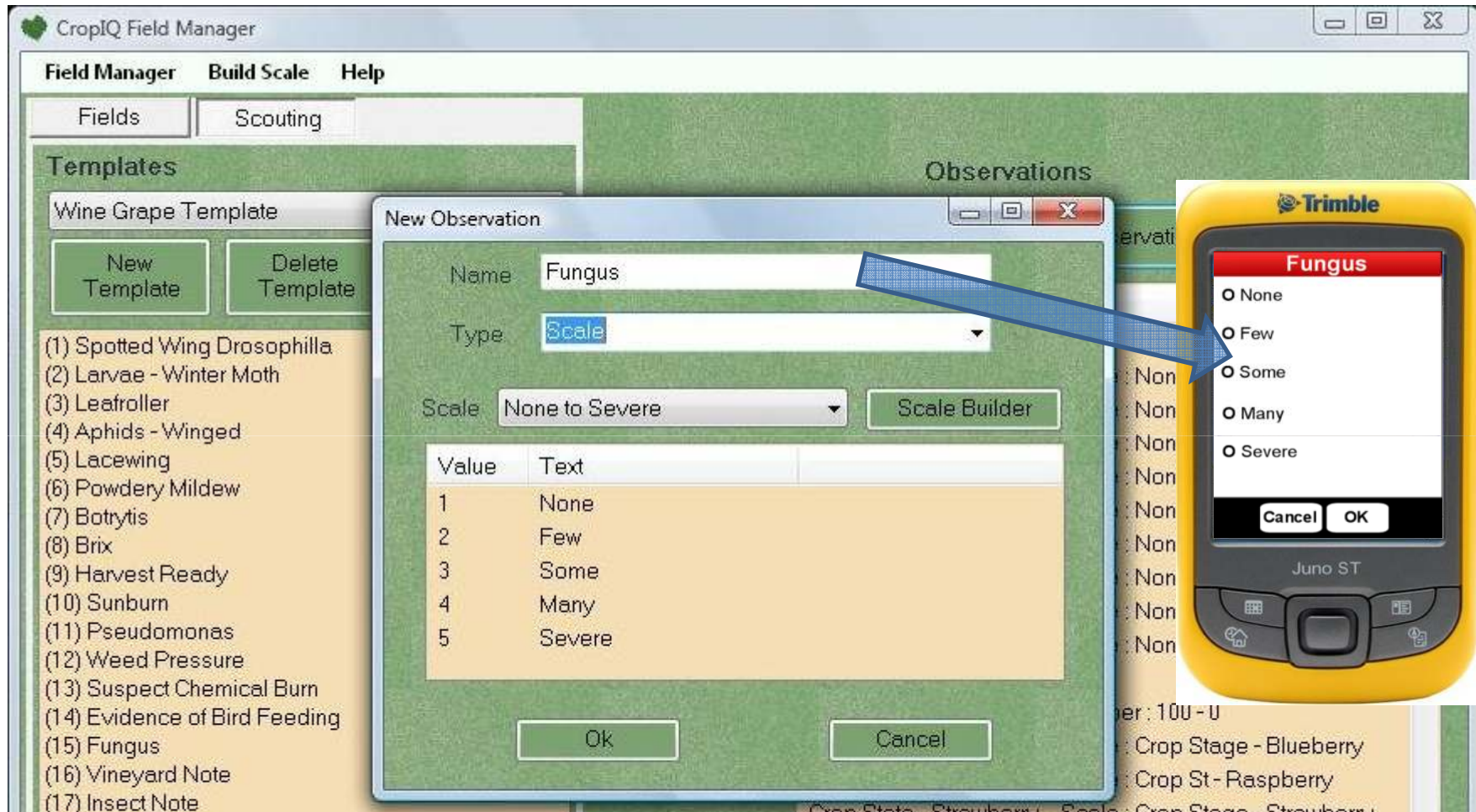
# Adding a “Number” Type of Observation



**Add a “Number” Type Observation** by clicking on the “New Observation” button. Select the “Number” Type of Observation from the drop-down menu, add entry limits (Min/Max Number) and clicking “Ok”. This type of observation is great for instrument readings, Insect counts, Percent coverage, Weights, Lengths, etc.



# Adding a “Scale” Type of Observation



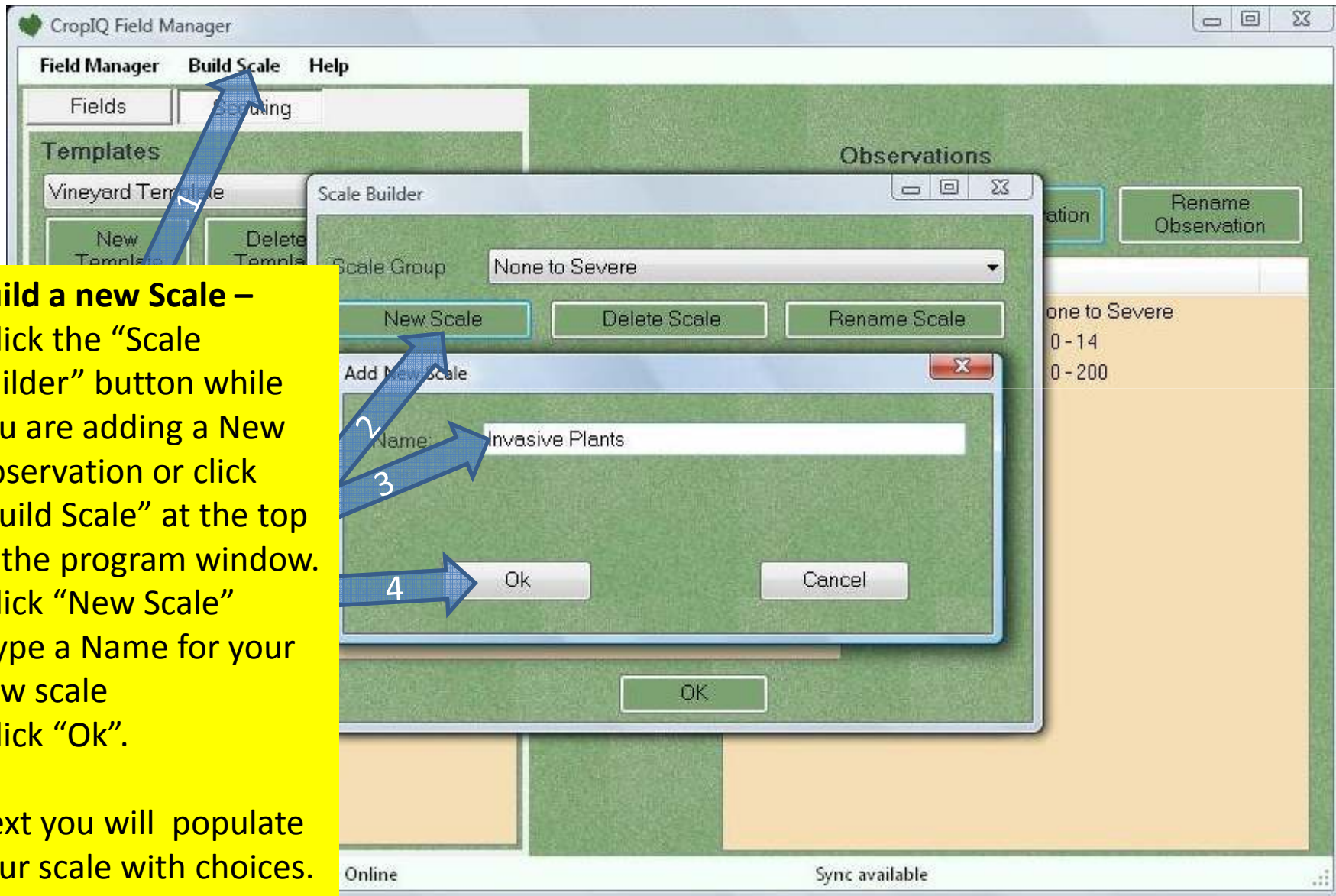
**Add a “Scale” Type Observation** by clicking on the “New Observation” button. Select the “Scale” Type of Observation from the drop-down menu. If the Scale you want is already available, select it and click “Ok”. If the Scale is not available, you can build a custom scale with the “Scale Builder” function.

# Using the *Scale Builder* to build a new Scale

## Build a new Scale –

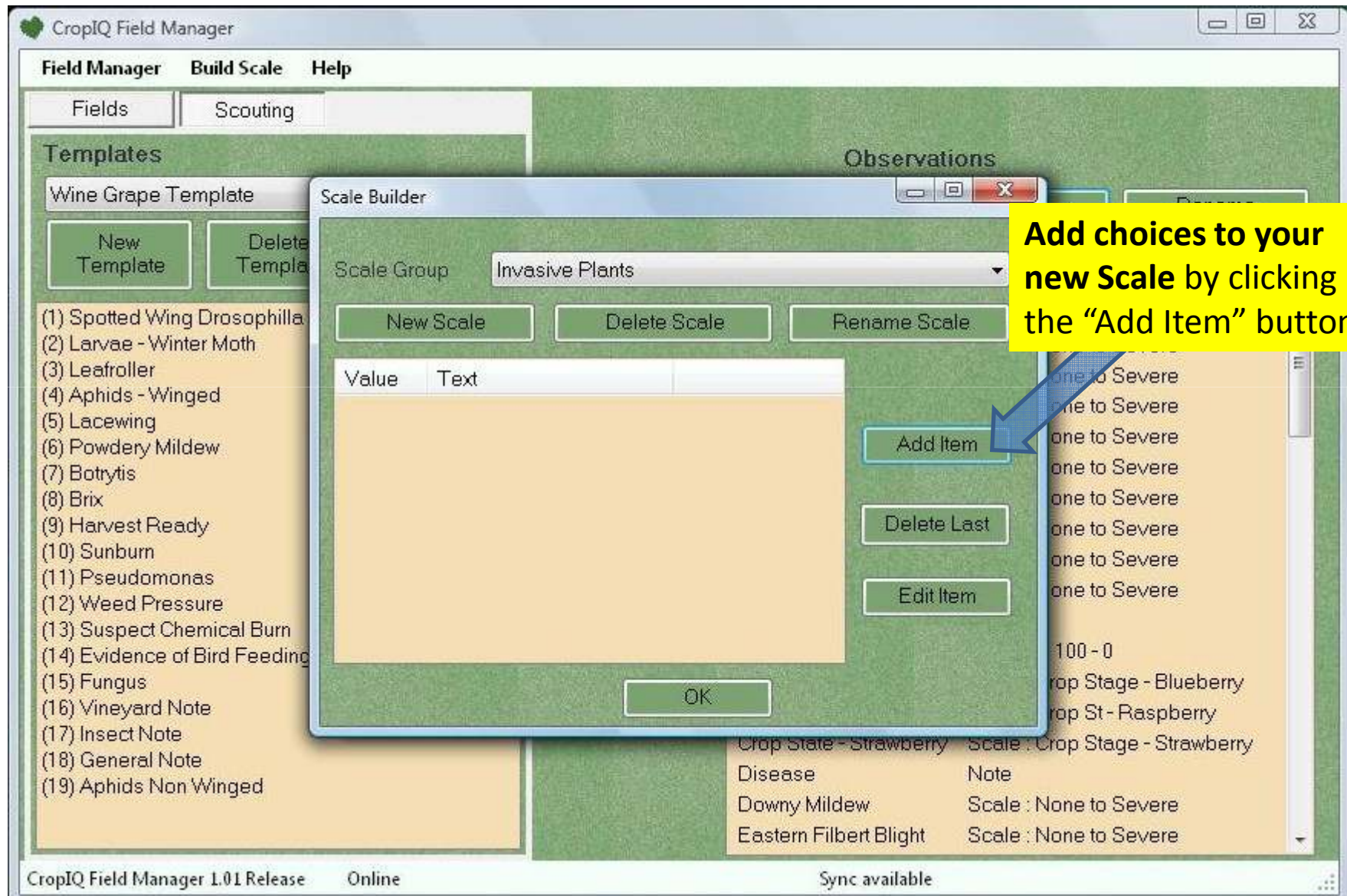
- Click the “Scale Builder” button while you are adding a New Observation or click “Build Scale” at the top of the program window.
- Click “New Scale”
- Type a Name for your new scale
- Click “Ok”.

Next you will populate your scale with choices.

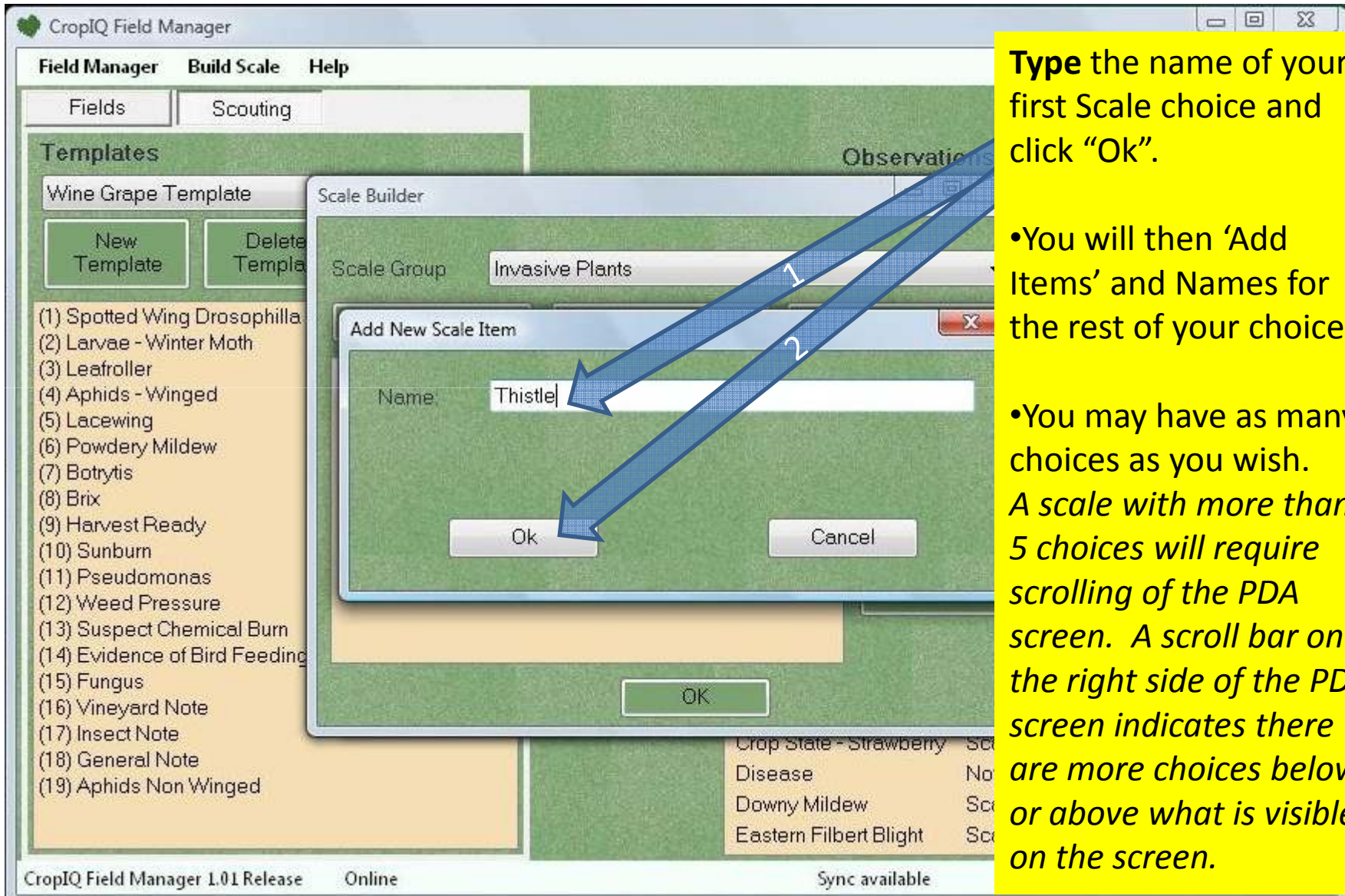




# Adding choices to your new scale



# Adding choices to your new scale – cont. (1)

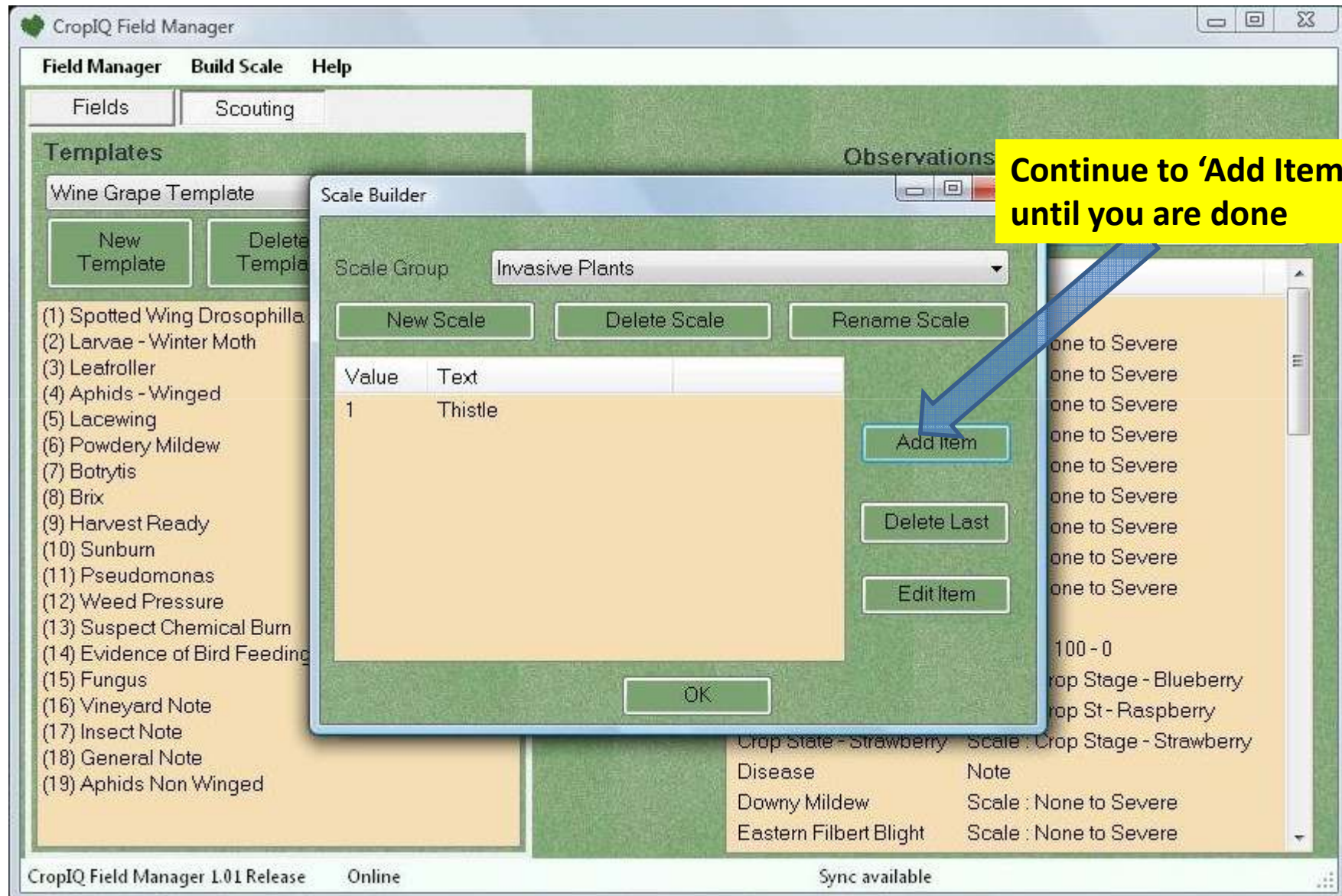


**Type** the name of your first Scale choice and click “Ok”.

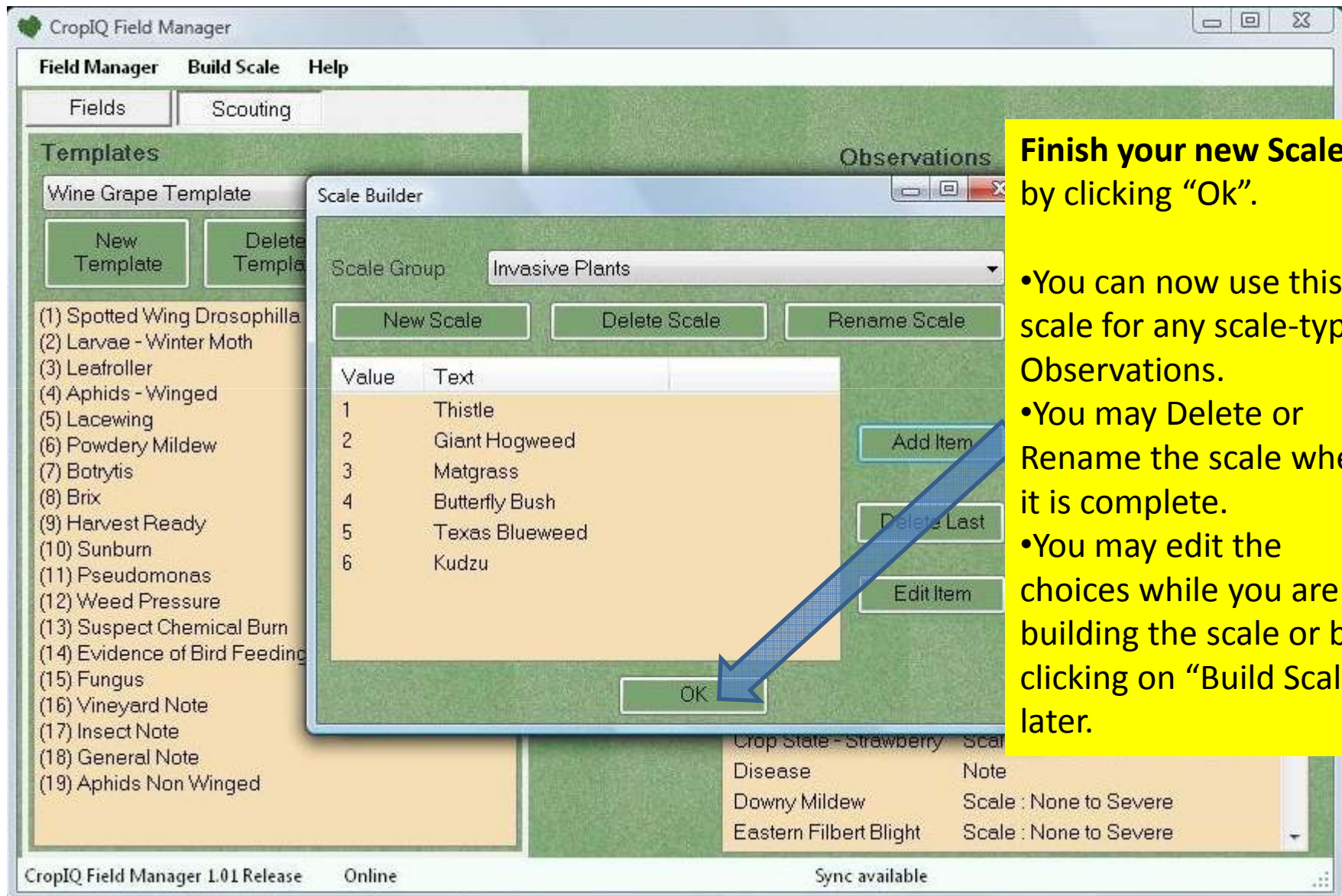
- You will then ‘Add Items’ and Names for the rest of your choices.
- You may have as many choices as you wish. *A scale with more than 5 choices will require scrolling of the PDA screen. A scroll bar on the right side of the PDA screen indicates there are more choices below or above what is visible on the screen.*



# Adding choices to your new scale – cont. (2)



# Finishing your new scale





# Create (Add a new), Renaming and Removing Templates

**Create (Add) a Template** by clicking on the “New Template” Button, typing the name of the Template in the dialog box and clicking “Ok”

**Delete a Template** by clicking on the “Delete Template” button. If there are any Observations in the Template this action can not be completed.

**Rename a Template** by clicking on the “Rename Template” button, typing the new name in the dialog box and click “Ok”.  
*This will change the name of the Template on the PDA Template screen after the next ‘Sync’.*

# Adding, Removing and changing the position of an Observation in a Template

The screenshot shows the CropIQ Field Manager interface. On the left, the 'Templates' section is active, showing a list of 17 observations for the 'Wine Grape Template'. On the right, the 'Observations' section is active, showing a list of observations with their names and types. The interface includes buttons for 'New Template', 'Delete Template', 'Rename Template', 'Delete Observation', and 'New Observation'. Arrows indicate the actions: a left arrow to add an observation, a right arrow to remove an observation, and up/down arrows to change the position of an observation.

**Field Manager** **Build Scale** **Help**

**Fields** **Scouting**

**Templates**

Wine Grape Template

New Template Delete Template Rename Template

(1) Spotted Wing Drosophilla  
(2) Larvae - Winter Moth  
(3) Leafroller  
(4) Aphids - Winged  
(5) Lacewing  
(6) Powdery Mildew  
(7) Botrytis  
(8) Brix  
(9) Harvest Ready  
(10) Sunburn  
(11) Pseudomonas  
(12) Weed Pressure  
(13) Suspect Chemical Burn  
(14) Evidence of Bird Feeding  
(15) Fungus  
(16) Vineyard Note  
(17) Insect Note

**Observations**

Delete Observation New Observation

Name	Type
Botrytis	Scale : None to Se
Botrytis Blight Tip	Scale : None to Se
Box Elder Bugs	Note
Brix	Number : 100 - 0
Crop St. Blueberry	Scale : Crop Stage
Crop Stage - Raspberry	Scale : Crop St - P
Crop State - Strawberry	Scale : Crop Stage
Disease	Note
Downy Mildew	Scale : None to Se
Eastern Filbert Blight	Scale : None to Se
Evidence of Bird Feed...	Scale : None to Se
Filbertworm	Number : 0 - 100
First Bloom	Note
Fruit Tray Contaminati...	Scale : None to Se
Full Bloom	Note
ge Feeding	Scale : None to Se
Note	Note

Sync available

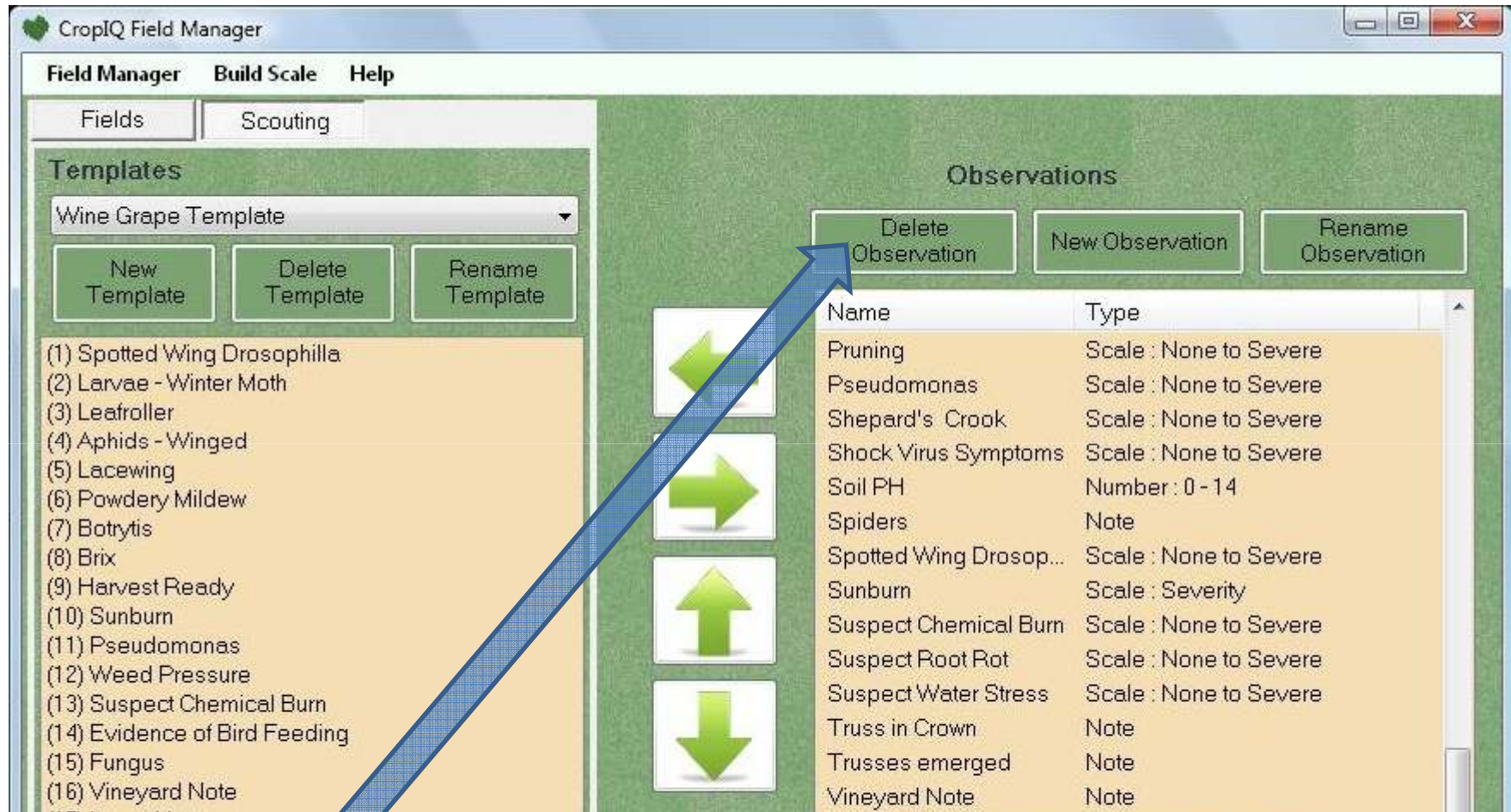
**Add an Observation to a Template by clicking on the Observation name and then clicking on the left Arrow**

**Remove an Observation from a Template by clicking on the Observation name in the Template and then clicking on the right Arrow**

**Change the position of an Observation in a Template by clicking on the Observation in the Template and then clicking either the Up or Down Arrow**



# Deleting An Observation from the list

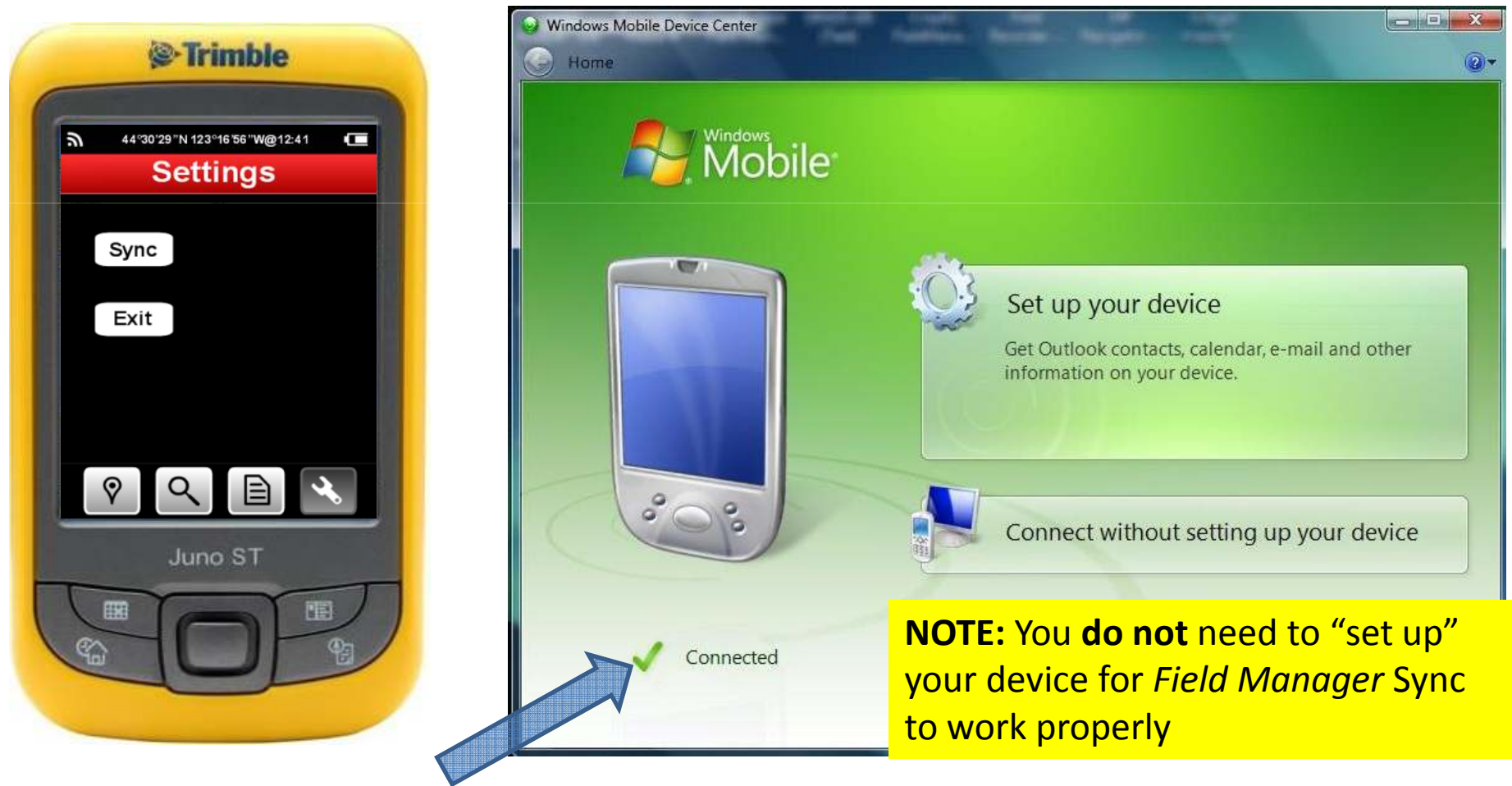


**Delete an Observation** by clicking on an Observation name in the list, and clicking the “Delete Observation” button. ***You will not be able to complete this operation if the Observation is already used in a Template.*** Remove the observation from all templates in which it is used, to be able to delete the Observation.

# Synchronizing data/templates to the PC using *Field Manager*

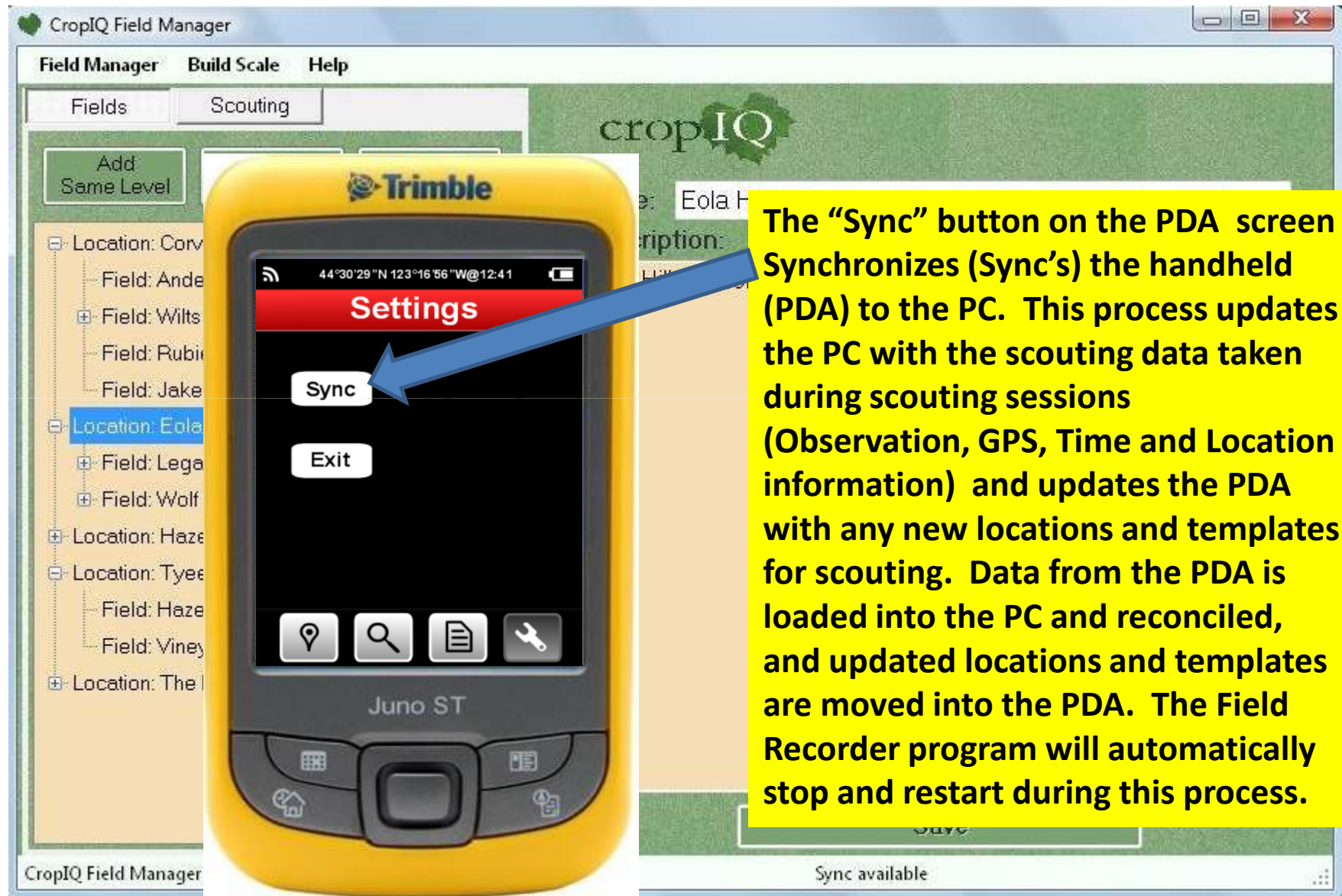
## ***First connect the PDA to the PC***

Plug the PDA into your PC using the USB cable and wait for it to connect (using ActiveSync (Windows XP) or Window Mobile Device Center - WMDC (Vista/Win7). Run the *Field Manager* Program to Sync both data and new Scouting Locations/Templates. To initiate Sync, press the 'Sync' button on the PDA in the 'Settings' Screen.





# Synchronizing data/templates to the PC using *Field Manager*



The image shows a computer screen with the CropIQ Field Manager software interface. The software has a menu bar with 'Field Manager', 'Build Scale', and 'Help'. Below this are tabs for 'Fields' and 'Scouting'. A list of locations and fields is visible on the left, including 'Location: Corv', 'Field: Ande', 'Field: Wilts', 'Field: Rubi', 'Field: Jake', 'Location: Eola', 'Field: Lega', 'Field: Wolf', 'Location: Haze', 'Location: Tye', 'Field: Haze', 'Field: Viney', and 'Location: The'. A yellow Trimble Juno ST PDA is overlaid on the software interface. The PDA screen displays a 'Settings' menu with a red header. A blue arrow points from the 'Sync' button on the PDA screen to a yellow text box. The PDA screen also shows a status bar with coordinates '44°30'29"N 123°16'56"W@12:41' and a battery icon. The PDA has a physical keypad at the bottom.

**The “Sync” button on the PDA screen Synchronizes (Sync’s) the handheld (PDA) to the PC. This process updates the PC with the scouting data taken during scouting sessions (Observation, GPS, Time and Location information) and updates the PDA with any new locations and templates for scouting. Data from the PDA is loaded into the PC and reconciled, and updated locations and templates are moved into the PDA. The Field Recorder program will automatically stop and restart during this process.**

# Analyst is used to Store, Share, Visualize, and Export your Field Data

Aerial map with selected data – 'mouse over' a dot to see what it is

Click on the date and scouting session you wish to see on the map and in the sortable data table.

Click on the location of scouting data you wish to see on the map and in the sortable data table.

PPSI Field Analyst

Field Analyst Edit View Help

Scouting Days

- 8/11/2010
- 8/13/2010
- 8/14/2010
- 8/15/2010
- 8/16/2010
- 8/18/2010
- 8/19/2010
- 8/24/2010
- 8/25/2010
- 9/22/2010
- 10/2/2010

14:44 (115)

Sites

- Benton Co Reserves (3)
  - Jackson-Frazier
  - Finley Reserve
  - Basket Slough
- Benton Soil & Water (1)
  - Philomath
- Marys River Wtrshd (5)
  - Mary's River Channel
  - Beaver Creek
  - Tum Tum River
  - Shotpouch & Bark Crk
  - Woods Creek

2D 3D Road Aerial Bird's eye Labels <<

0.6 miles

© 2010 Microsoft Corporation © 2010 NAVTEQ © AND  
Image courtesy of USGS

Drag a column header here to group by that column.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge
▶ Cabell Marsh	10/2/2010 3:59 PM	DiscreteLevel	Invasive Water Plants cordgrasses 3
Cabell Marsh	10/2/2010 4:01 PM	Text	Insect Note hornets
Cabell Marsh	10/2/2010 4:01 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 4:02 PM	DiscreteLevel	Bridge Condition OK 1
Cabell Marsh	10/2/2010 4:03 PM	ManualNum...	Fish 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Water Cleanliness Evidence of conta..
Cabell Marsh	10/2/2010 4:05 PM	DiscreteLevel	Water Contam type Algae 2
Cabell Marsh	10/2/2010 4:06 PM	DiscreteLevel	Water Cleanliness Clean - need to w...

Field Analyst 1.01 Beta Online Sync not available

Sortable data table.



# Exporting Scouting Info to a .csv file from Analyst - 1

PPSI Field Analyst

Field Analyst Edit View Help

**Scouting Days**

- 8/11/2010
- 8/13/2010
- 8/14/2010
- 8/15/2010
- 8/16/2010
- 8/18/2010
- 8/19/2010
- 8/24/2010
- 8/25/2010
- 9/22/2010
- 10/2/2010 14:44 (115)**

**Sites**

- Benton Co Reserves (3)
  - Jackson-Frazier
  - Finley Reserve
  - Basket Slough
- Benton Soil & Water (1)
  - Philomath
- Mary's River Wtrshd (5)
  - Mary's River Channel
  - Beaver Creek
  - Tum Tum River
  - Shotpouch & Bark Crk
  - Woods Creek

Map view: 2D 3D Road Aerial Bird's eye Labels

0.6 miles

bing

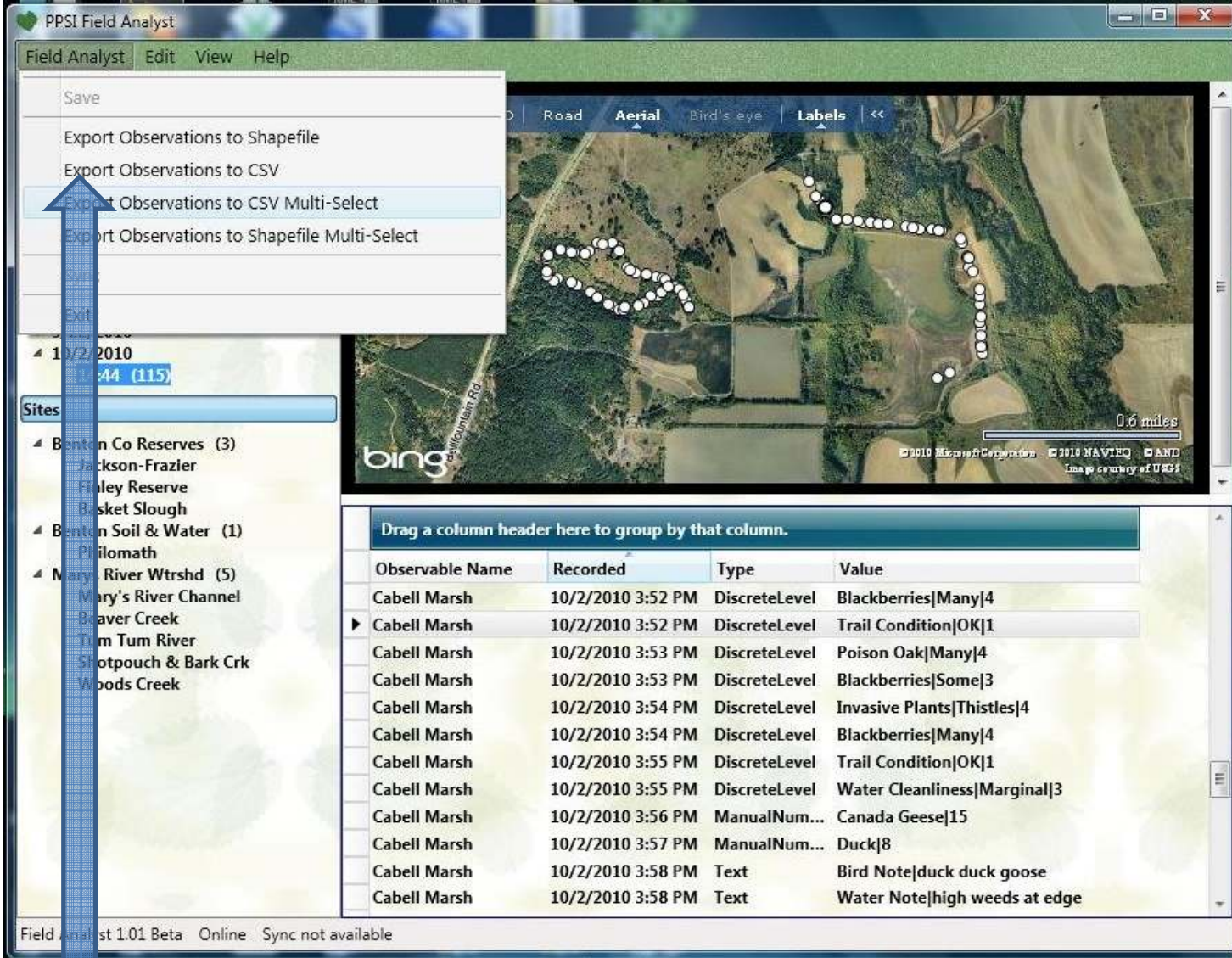
Drag a column header here to group by that column.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge
Cabell Marsh	10/2/2010 3:59 PM	DiscreteLevel	Invasive Water Plants cordgrasses 3
Cabell Marsh	10/2/2010 4:01 PM	Text	Insect Note hornets
Cabell Marsh	10/2/2010 4:01 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 4:02 PM	DiscreteLevel	Bridge Condition OK 1
Cabell Marsh	10/2/2010 4:03 PM	ManualNum...	Fish 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Water Cleanliness Evidence of conta..
Cabell Marsh	10/2/2010 4:05 PM	DiscreteLevel	Water Contam type Algae 2
Cabell Marsh	10/2/2010 4:06 PM	DiscreteLevel	Water Cleanliness Clean - need to w...

Field Analyst 1.01 Beta Online Sync not available

**Click on the data you wish to export in the "Scouting Days" window – only one 'session' may be exported at a time using the "Export Observations to CSV" Command.**

# Exporting Scouting Info to a .csv file from Analyst - 2



The screenshot shows the PPSI Field Analyst application window. The 'Field Analyst' tab is selected at the top left. A menu is open, showing the following options:

- Save
- Export Observations to Shapefile
- Export Observations to CSV
- Export Observations to CSV Multi-Select
- Export Observations to Shapefile Multi-Select
- Exit

A blue arrow points to the 'Export Observations to CSV' option. The main window displays a map of a field area with a path of white dots. The map is labeled 'bing' and '0.6 miles'. The bottom panel shows a table of observations:

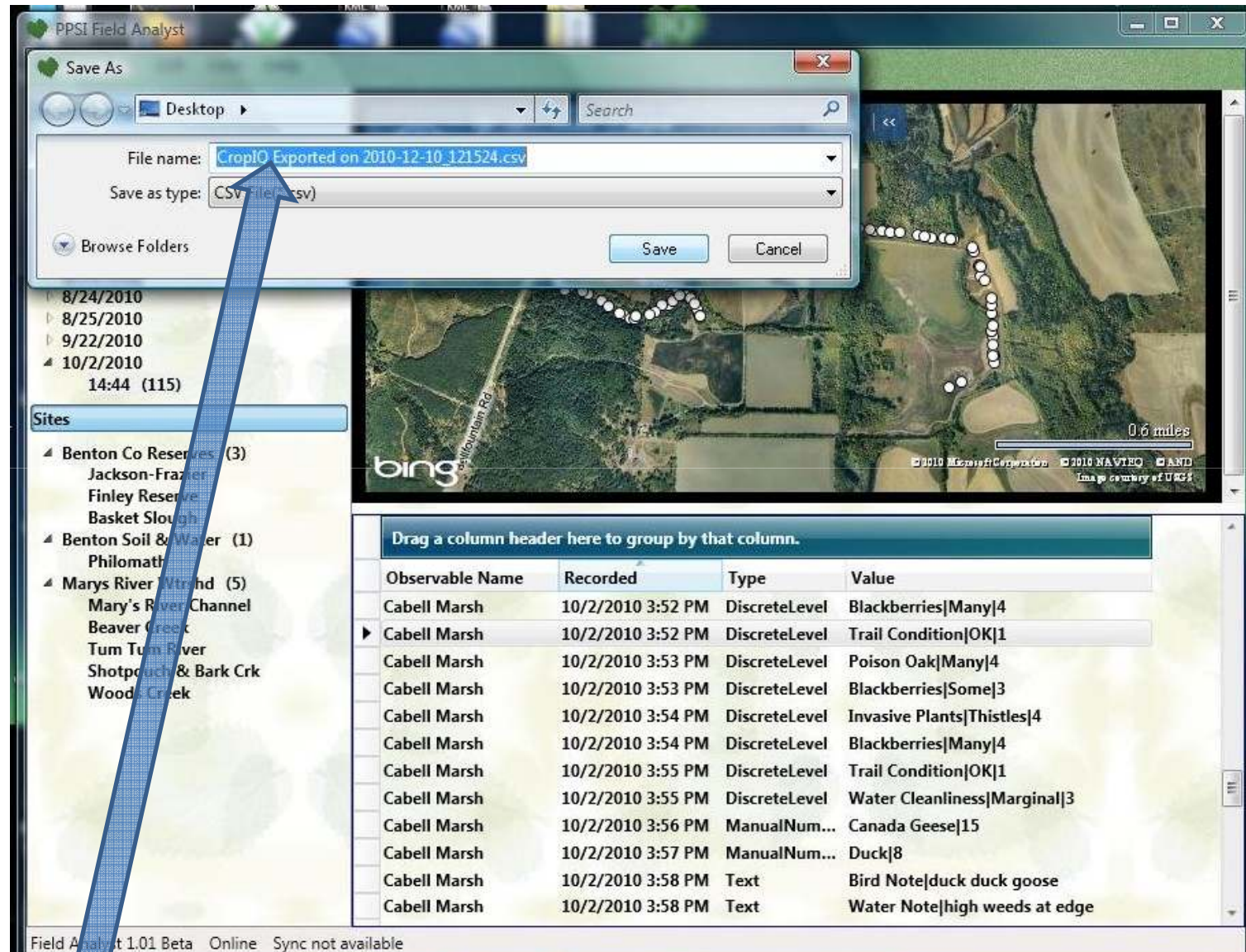
Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Poison Oak Many 4
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Blackberries Some 3
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Water Cleanliness Marginal 3
Cabell Marsh	10/2/2010 3:56 PM	ManualNum...	Canada Geese 15
Cabell Marsh	10/2/2010 3:57 PM	ManualNum...	Duck 8
Cabell Marsh	10/2/2010 3:58 PM	Text	Bird Note duck duck goose
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge

The status bar at the bottom indicates 'Field Analyst 1.01 Beta Online Sync not available'.

Click the “Field Analyst” tab at the top left and then “Export Observations to CSV”.



# Exporting Scouting Info to a .csv file from Analyst - 3



Select the directory and the file name to store the .csv file under and click 'Save'

# Exporting Scouting Info to shapefiles from Analyst - 1

PPSI Field Analyst

Field Analyst Edit View Help

**Scouting Days**

- 8/11/2010
- 8/13/2010
- 8/14/2010
- 8/15/2010
- 8/16/2010
- 8/18/2010
- 8/19/2010
- 8/24/2010
- 8/25/2010
- 9/22/2010
- 10/2/2010 14:44 (115)**

**Sites**

- Benton Co Reserves (3)
  - Jackson-Frazier
  - Finley Reserve
  - Basket Slough
- Benton Soil & Water (1)
  - Philomath
- Mary's River Wtrshd (5)
  - Mary's River Channel
  - Beaver Creek
  - Tum Tum River
  - Spotpouch & Bark Crk
  - Woods Creek

Map view: 2D 3D Road Aerial Bird's eye Labels << 0.6 miles

Drag a column header here to group by that column.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge
Cabell Marsh	10/2/2010 3:59 PM	DiscreteLevel	Invasive Water Plants cordgrasses 3
Cabell Marsh	10/2/2010 4:01 PM	Text	Insect Note hornets
Cabell Marsh	10/2/2010 4:01 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 4:02 PM	DiscreteLevel	Bridge Condition OK 1
Cabell Marsh	10/2/2010 4:03 PM	ManualNum...	Fish 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Water Cleanliness Evidence of conta..
Cabell Marsh	10/2/2010 4:05 PM	DiscreteLevel	Water Contam type Algae 2
Cabell Marsh	10/2/2010 4:06 PM	DiscreteLevel	Water Cleanliness Clean - need to w...

Field Analyst 1.01 Beta Online Sync not available

**Click on the data you wish to export in the "Scouting Days" window – only one 'session' may be exported at a time using the "Export Observations to Shapefile" Command.**



# Exporting Scouting Info to shapefiles from Analyst - 2

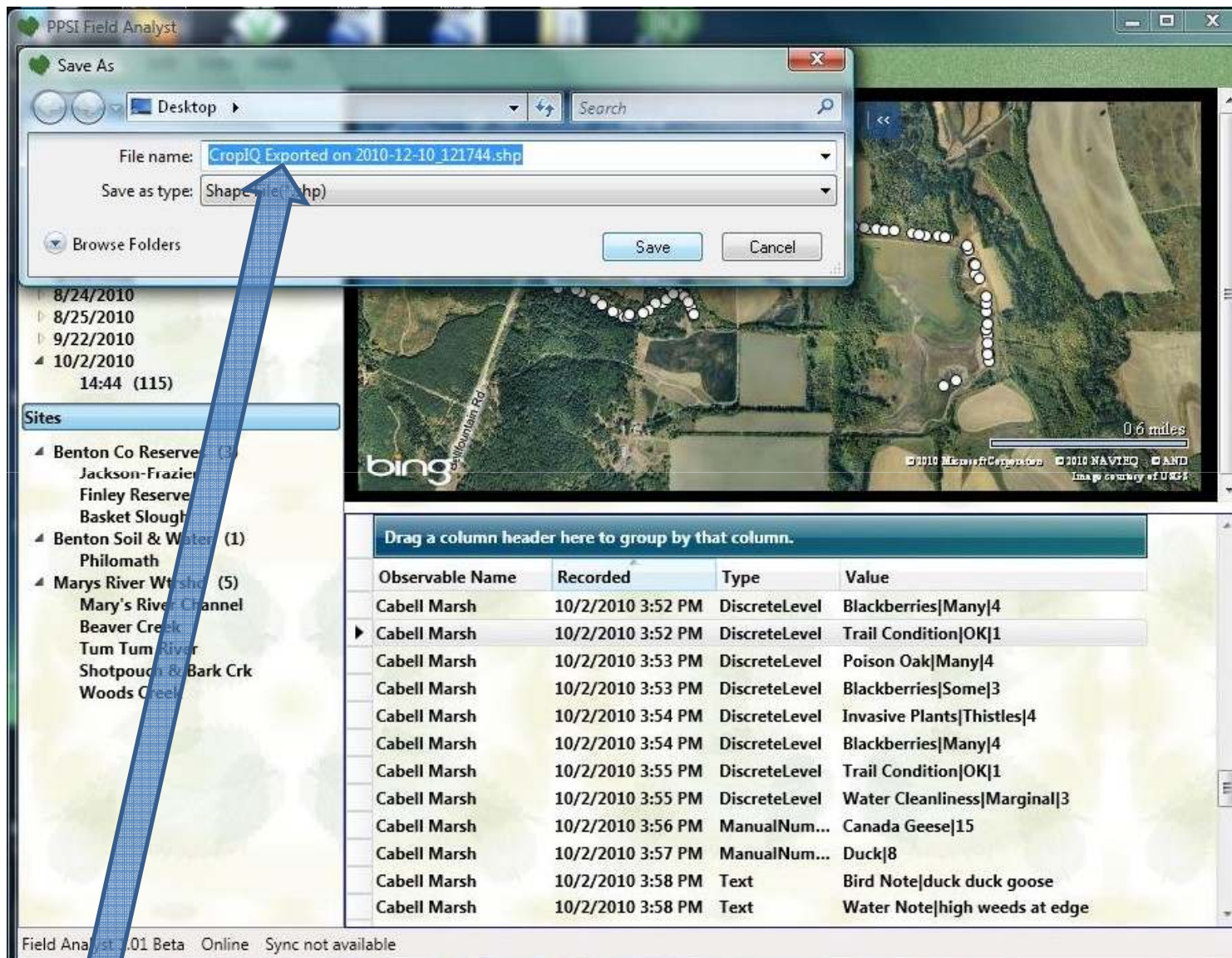
The screenshot shows the PPSI Field Analyst application window. The 'Field Analyst' tab is selected at the top left. A menu is open, showing the following options: Save, Export Observations to Shapefile, Export Observations to CSV, Export Observations to CSV Multi-Select, Export Observations to Shapefile Multi-Select, and Exit. A blue arrow points to the 'Export Observations to Shapefile' option. The main window displays a map of a rural area with a path marked by white dots. The map includes a scale bar for 0.6 miles and a Bing logo. Below the map, there is a table of observations.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Poison Oak Many 4
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Blackberries Some 3
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Water Cleanliness Marginal 3
Cabell Marsh	10/2/2010 3:56 PM	ManualNum...	Canada Geese 15
Cabell Marsh	10/2/2010 3:57 PM	ManualNum...	Duck 8
Cabell Marsh	10/2/2010 3:58 PM	Text	Bird Note duck duck goose
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge

Field Analyst 1.01 Beta Online Sync not available

Click the “Field Analyst” tab at the top left and then “Export Observations to Shapefile”.

# Exporting Scouting Info to shapefiles from Analyst - 3



Select a directory and file name for the shapefile and click 'Save'



# Exporting Multiple sessions to a .csv file from Analyst - 1

**Scouting Days**

- 8/11/2010
- 8/13/2010
- 8/14/2010
- 8/15/2010
- 8/16/2010
- 8/18/2010
- 8/19/2010
- 8/24/2010
- 8/25/2010
- 9/22/2010
- 10/2/2010

**Sites**

- Benton Co Reserves (3)
  - Jackson-Frazier
  - Finley Reserve
  - Basket Slough
- Benton Soil & Water (1)
  - Philomath
- Marys River Wtrshd (5)
  - Mary's River Channel
  - Beaver Creek
  - Tom Tum River
  - Shotpouch & Bark Crk
  - Woods Creek

**Table of Observations (10/2/2010)**

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge
Cabell Marsh	10/2/2010 3:59 PM	DiscreteLevel	Invasive Water Plants cordgrasses 3
Cabell Marsh	10/2/2010 4:01 PM	Text	Insect Note hornets
Cabell Marsh	10/2/2010 4:01 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 4:02 PM	DiscreteLevel	Bridge Condition OK 1
Cabell Marsh	10/2/2010 4:03 PM	ManualNum...	Fish 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Water Cleanliness Evidence of conta..
Cabell Marsh	10/2/2010 4:05 PM	DiscreteLevel	Water Contam type Algae 2
Cabell Marsh	10/2/2010 4:06 PM	DiscreteLevel	Water Cleanliness Clean - need to w...

Click on one of the sessions with data you wish to export in the "Scouting Days" window

# Exporting Multiple sessions to a .csv file from Analyst - 2

The screenshot shows the PPSI Field Analyst software interface. The 'Field Analyst' tab is selected at the top left. A menu is open, showing the following options: Save, Export Observations to Shapefile, Export Observations to CSV, Export Observations to CSV Multi-Select (highlighted), Export Observations to Shapefile Multi-Select, Sync, and Export. A blue arrow points to the 'Export Observations to CSV Multi-Select' option. The main window displays an aerial map with a path of white dots. The bottom panel shows a table of observations.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Poison Oak Many 4
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Blackberries Some 3
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Water Cleanliness Marginal 3
Cabell Marsh	10/2/2010 3:56 PM	ManualNum...	Canada Geese 15
Cabell Marsh	10/2/2010 3:57 PM	ManualNum...	Duck 8
Cabell Marsh	10/2/2010 3:58 PM	Text	Bird Note duck duck goose
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge

Field Analyst L01 Beta Online Sync not available

Click the “Field Analyst” tab at the top left and then “Export Observations to CSV Multi-select”.



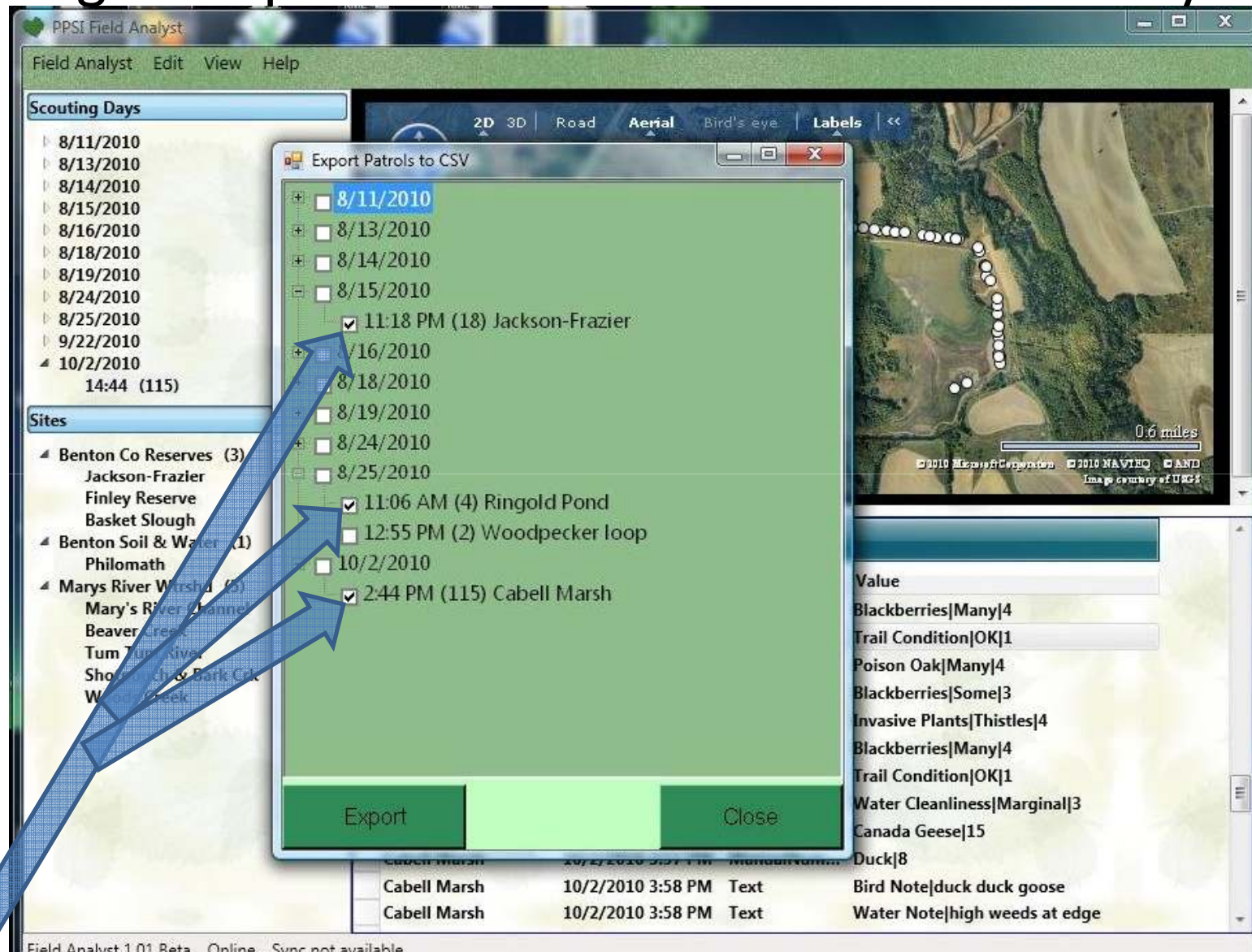
# Exporting Multiple sessions to a .csv file from Analyst - 3

The screenshot shows the PPSI Field Analyst application. A 'Save As' dialog box is open, displaying the file name 'CropIQ Exported on 2010-12-10\_121524.csv' and the file type 'CSV (comma delimited)'. A blue arrow points from the 'Save' button in the dialog box to the 'Save' button in the application window. The application window shows a map of a field with a path marked by white dots. Below the map is a table of data.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Poison Oak Many 4
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Blackberries Some 3
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Water Cleanliness Marginal 3
Cabell Marsh	10/2/2010 3:56 PM	ManualNum...	Canada Geese 15
Cabell Marsh	10/2/2010 3:57 PM	ManualNum...	Duck 8
Cabell Marsh	10/2/2010 3:58 PM	Text	Bird Note duck duck goose
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge

Select the directory and the file name to store the .csv file under and click 'Save'

# Exporting Multiple sessions to a .csv file from Analyst - 4



Select the session data you want included in the .csv file and click 'Export'



# Exporting Multiple sessions to shapefiles from Analyst - 1

PPSI Field Analyst

Field Analyst Edit View Help

**Scouting Days**

- 8/11/2010
- 8/13/2010
- 8/14/2010
- 8/15/2010
- 8/16/2010
- 8/18/2010
- 8/19/2010
- 8/24/2010
- 8/25/2010
- 9/22/2010
- 10/2/2010

4:44 (115)

**Sites**

- Benton Co Reserves (3)
  - Jackson-Frazier
  - Finley Reserve
  - Basket Slough
- Benton Soil & Water (1)
  - Philomath
- Mary's River Wtrshd (5)
  - Mary's River Channel
  - Beaver Creek
  - Tom Tum River
  - Shotpouch & Bark Crk
  - Woods Creek

Drag a column header here to group by that column.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge
Cabell Marsh	10/2/2010 3:59 PM	DiscreteLevel	Invasive Water Plants cordgrasses 3
Cabell Marsh	10/2/2010 4:01 PM	Text	Insect Note hornets
Cabell Marsh	10/2/2010 4:01 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 4:02 PM	DiscreteLevel	Bridge Condition OK 1
Cabell Marsh	10/2/2010 4:03 PM	ManualNum...	Fish 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 4:04 PM	DiscreteLevel	Water Cleanliness Evidence of conta...
Cabell Marsh	10/2/2010 4:05 PM	DiscreteLevel	Water Contam type Algae 2
Cabell Marsh	10/2/2010 4:06 PM	DiscreteLevel	Water Cleanliness Clean - need to w...

Field Analyst 1.01 Beta Online Sync not available

Click on one of the sessions with data you wish to export in the "Scouting Days" window

# Exporting Multiple sessions to shapefiles from Analyst - 2

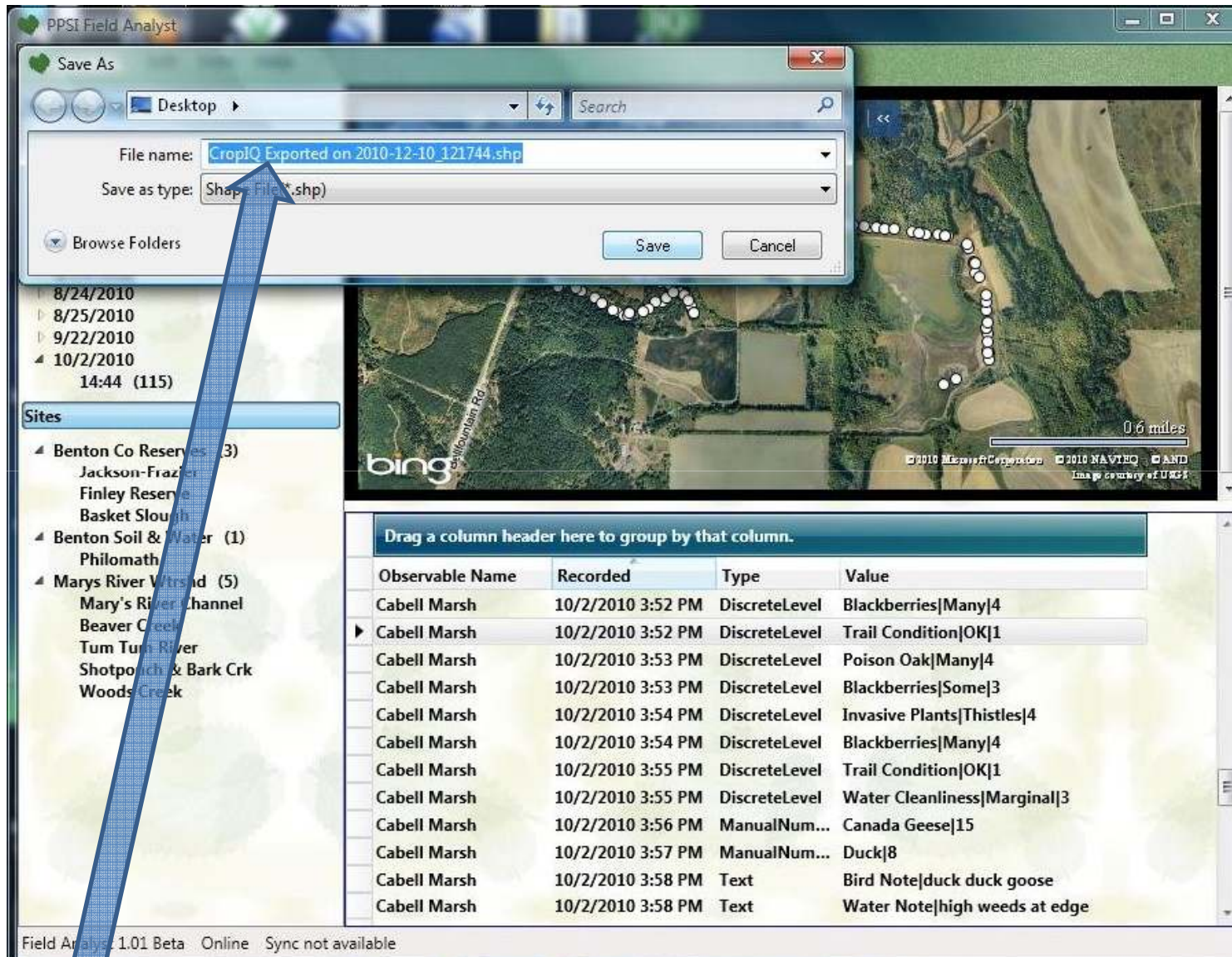
The screenshot shows the PPSI Field Analyst software interface. The 'Field Analyst' menu is open, highlighting 'Export Observations to Shapefile Multi-Select'. A blue arrow points to this option. The interface also displays a map of a marsh area with white dots representing observation points. Below the map is a table of observations.

Observable Name	Recorded	Type	Value
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:52 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Poison Oak Many 4
Cabell Marsh	10/2/2010 3:53 PM	DiscreteLevel	Blackberries Some 3
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Invasive Plants Thistles 4
Cabell Marsh	10/2/2010 3:54 PM	DiscreteLevel	Blackberries Many 4
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Trail Condition OK 1
Cabell Marsh	10/2/2010 3:55 PM	DiscreteLevel	Water Cleanliness Marginal 3
Cabell Marsh	10/2/2010 3:56 PM	ManualNum...	Canada Geese 15
Cabell Marsh	10/2/2010 3:57 PM	ManualNum...	Duck 8
Cabell Marsh	10/2/2010 3:58 PM	Text	Bird Note duck duck goose
Cabell Marsh	10/2/2010 3:58 PM	Text	Water Note high weeds at edge

Click the “Field Analyst” tab at the top left and then “Export Observations to Shapefile Multi-select”

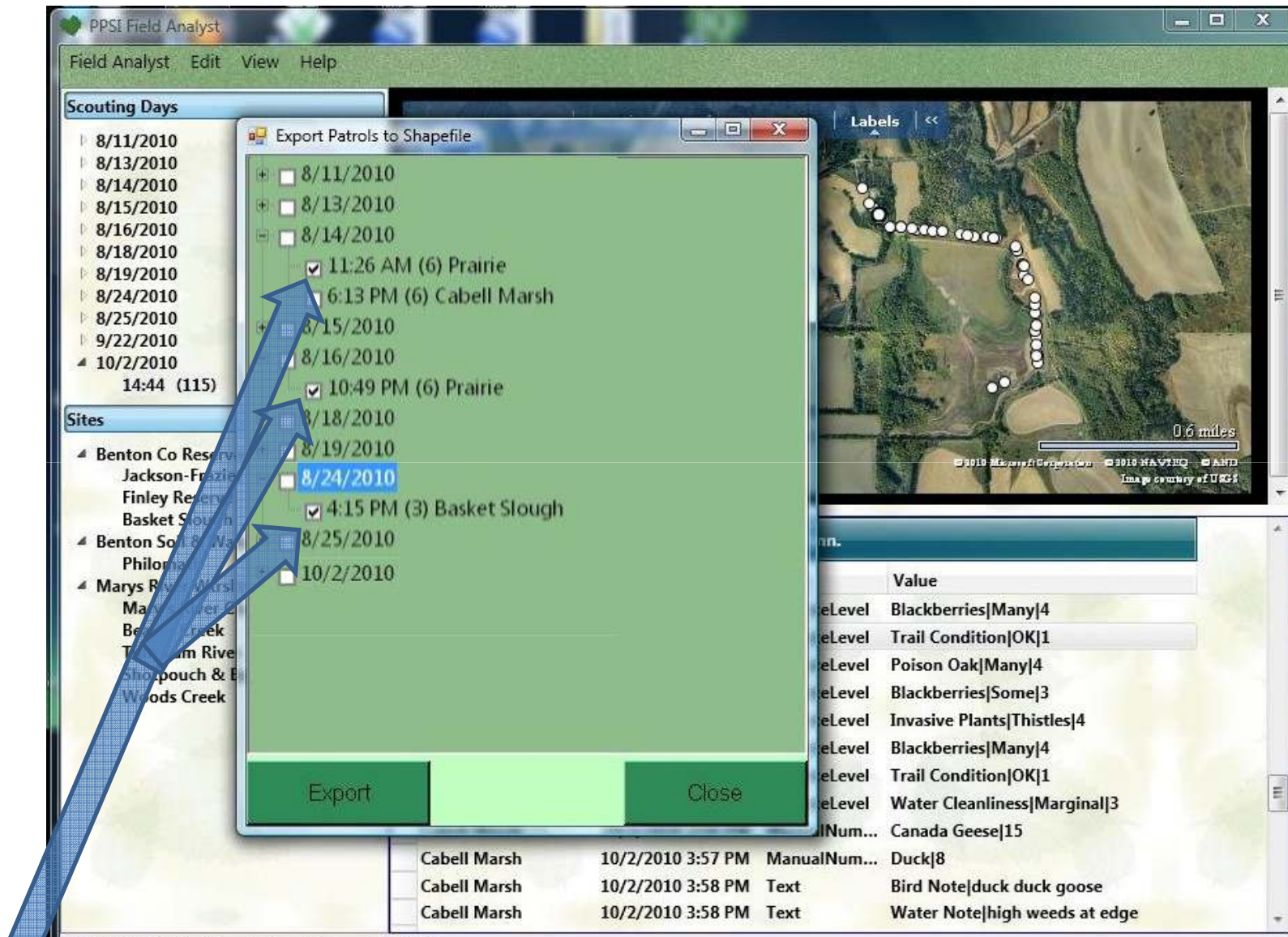


# Exporting Multiple sessions to shapefiles from Analyst - 3



Select the directory and the file name to store the shapefiles under and click 'Save'

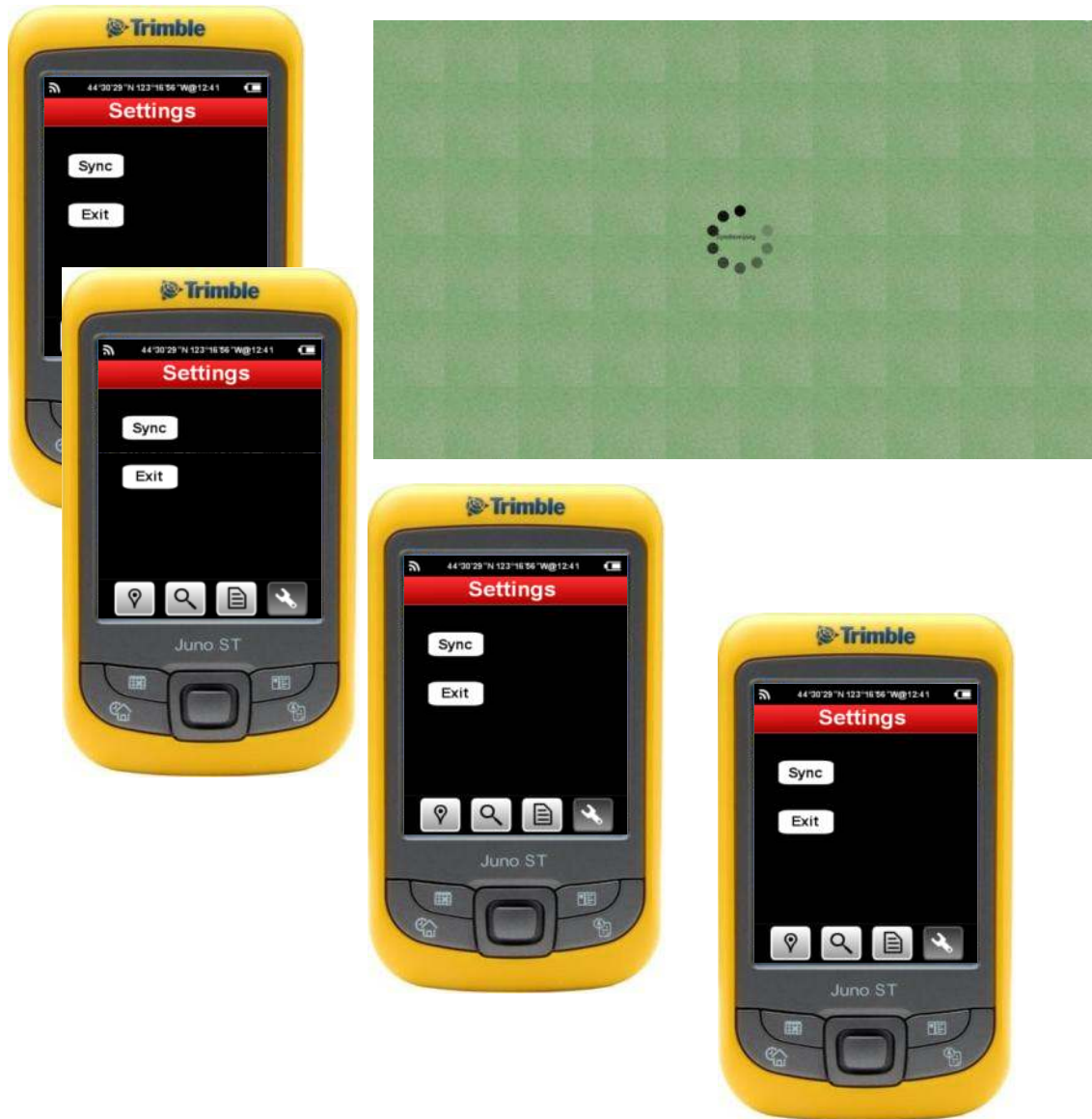
# Exporting Multiple sessions to shapefiles from Analyst - 4



Select the various data groups you want included in the .csv file and click 'Export'



# Synchronizing several PDA's to the PC



Several PDA's can be Sync'd to the PC using *Field Manager*. Field Manager downloads and reconciles the scouting data taken during scouting sessions (Observation, GPS, Time and Location information) and updates Scouting Locations and Templates into the PDA. During the Sync process, the *Field Recorder* program on the PDA will automatically stop and restart . Locations should NOT be deleted from Field Manager once they've been Sync'd to a PDA.