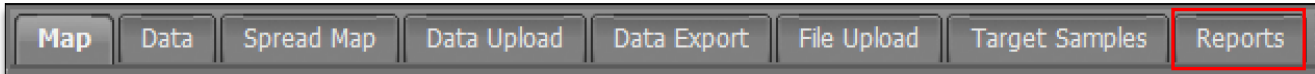


## Reports Tab - Batch Processing



1. Click on the **Reports** Tab. The **Batch Processing** function will appear automatically. This option allows you to program I.F.A.R.M. to automatically report new data as it is uploaded into a customer's profile. This function only reports **NEW** uploaded data.

**Batch Processing** Booklet Report

New Batch Setup

Batch Name:

**Fields**

Remove All Remove Selected

Account	Farm	Field

**Batch Report Selections**

<input type="checkbox"/>	Data Upload Summary				
<input type="checkbox"/>	Sample Analysis Report	Map Overlay:	<input checked="" type="radio"/> None	<input type="radio"/> Yield	<input type="radio"/> Soil Type
			<input type="radio"/> Veris EC_1ft	<input type="radio"/> Veris EC_3ft	
		Show Averages:	<input checked="" type="checkbox"/>		
<input type="checkbox"/>	Soil Data Analysis Map	<input checked="" type="checkbox"/> P	<input type="checkbox"/> N	<input type="checkbox"/> Ca	<input type="checkbox"/> PerCa
		<input checked="" type="checkbox"/> K	<input type="checkbox"/> Mg	<input type="checkbox"/> CEC	<input type="checkbox"/> PerMg
		<input checked="" type="checkbox"/> pH	<input type="checkbox"/> Mn	<input type="checkbox"/> bpH	<input type="checkbox"/> PerK
		<input checked="" type="checkbox"/> om	<input type="checkbox"/> S	<input type="checkbox"/> PerH	Analysis Per Page:
					<input checked="" type="radio"/> One <input type="radio"/> Four
<input type="checkbox"/>	Rx Spread Application Map	Application Setup:	<input type="text"/>		Clear Base Layer: <input type="checkbox"/>

**Settings**

Combine Datasets:

Master base layer for reports:

Bing Hybrid  Bing Roads

Include Data Files:

Boundaries  Samples

File Format:

Individual Fields:

**Recipients**

Name	Email
<input type="checkbox"/> AG VIEW FS	
<input type="checkbox"/> AG VIEW FS Prince...	bjohnson@agviewfs.com
<input type="checkbox"/> AG VIEW FS Varna	cbrown@agviewfs.com
<input type="checkbox"/> Ag Soil Services	jasonwebster@frontiernet.net
<input type="checkbox"/> Ag Supply	matt.ringler@yahoo.com
<input type="checkbox"/> Ag Tech Advantage	gabe.tarr@agtechadvantage.com
<input type="checkbox"/> Ag-Land Armington	mlong@aglandfs.com

Add Contacts

By selecting Save Daily Batch Setup, an email with a report link will be sent to the entered email address each day data is uploaded to the chosen account.

Save Daily Batch Setup Run Batch Now Delete Batch Setup

2. **New Batch Report.** Type in a name for a new Batch Report.

New Batch Setup

Existing Batch App Configs:

Batch Name:

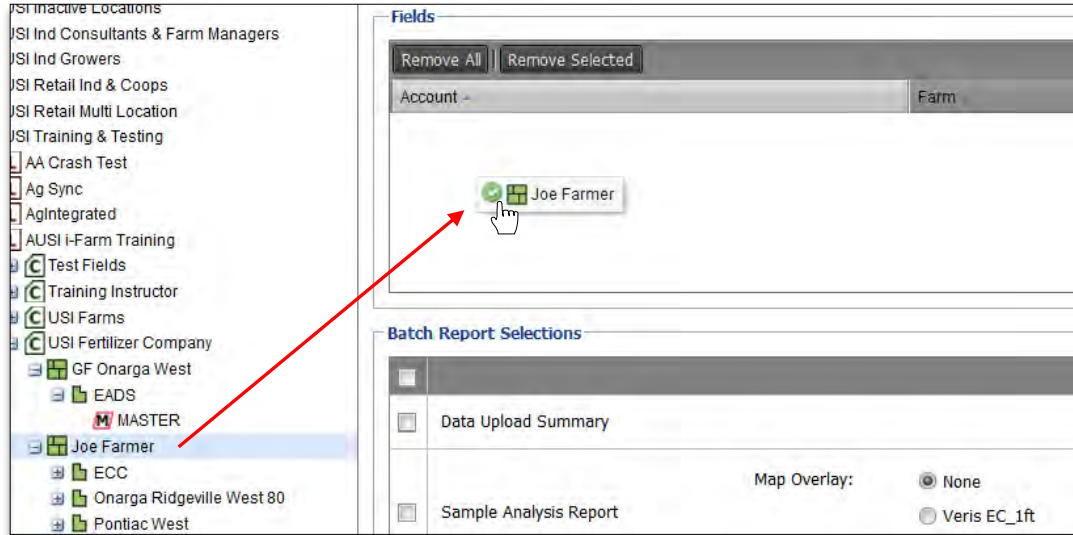
**Note:**

This name will only apply to a single batch run. Users can create multiple batch processing events.

Batch Processing continued...

### 3. Loading Fields / Farms / Growers.

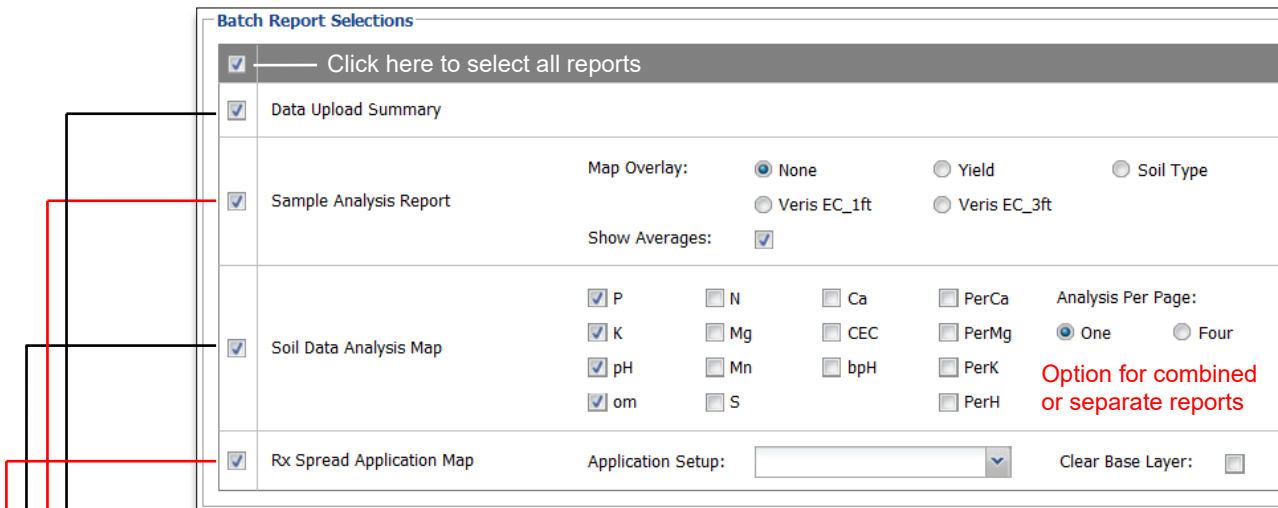
A. From the I.F.A.R.M. customer listing window, click and hold a file and drag up to the **Account** window. You can drag an entire Grower, Farm, or multiple / single fields to this window.



B. The Farm/Fields will be displayed.



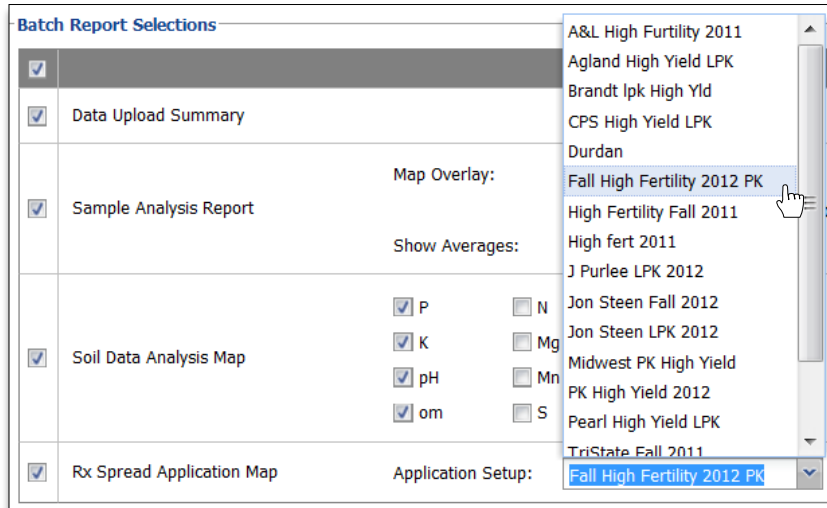
4. **Batch Report Selections.** This feature allows the user to go through and enter the types of reports to be run. Individual reports can be selected, or all reports by clicking the uppermost box.



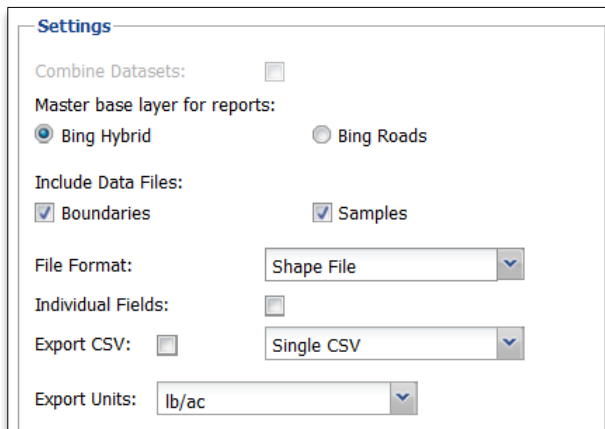
- Data Upload Summary:** Produces a summary list of data uploaded into IFARM under the chosen Farm / Fields.
- Sample Analysis Report:** Produces a Sample Management report with field boundary / sample locations / lab analysis chart.
- Soil Data Analysis Map:** Produces a Data Viewer analysis report of the field / analysis colored maps with histogram.
- Rx Spread Application Map:** Produces a prescription application report based off of a Saved Setup.

Batch Processing continued...

- A. If a Rx Spread Application Map is selected as part of the batch, a setup has to be chosen for the report to run. All saved setups from the Rx Spread Map tab will be displayed in the drop-down menu (below).



5. **Settings.** These features allow the user to make selections in how the reports look and files to export.



**Combine Datasets:** If selected, all soil data files will be factored into the analysis and averaged out with the new data.

**Master Base Layer for Reports:** Puts either the satellite view or roads view behind the field maps.

**Include Data Files:** Allows for the export of Boundaries and/or Sample data to be included with the resulting report.

**File Format:** Current selection is for Shape Files.

**Individual Files:** Activate this box if you want a single or individual shape files for each field.

**Export CSV:** Choose between a single or individual CSV.

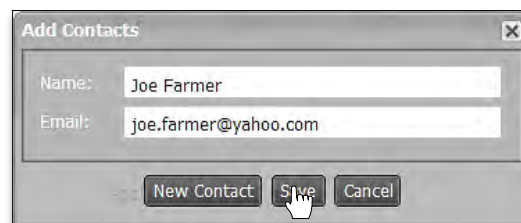
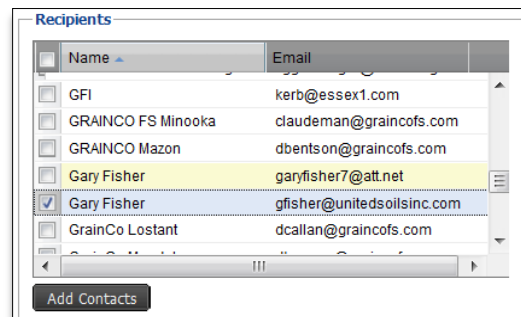
**Export Units:** Choose between lbs per acre or ppm.

6. **Recipients.** This allows the user to choose email addresses / contacts to send the batch report(s).

- A. Go through the email contacts list and click on those addresses who will receive the report(s).

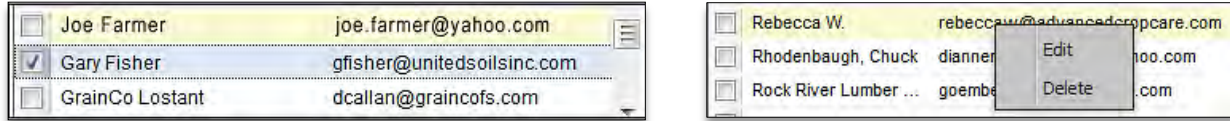
- B. To add additional contacts, click on the **Add Contacts** button. An Add Contacts naming prompt will appear.

- C. Type in the contact name, then the email address. Click **Save**.

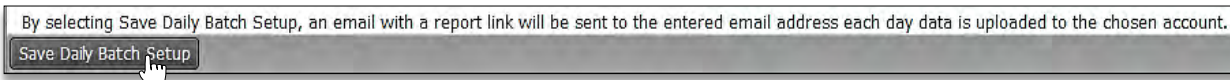


Batch Processing continued...

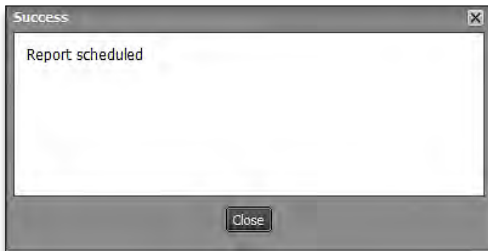
- D. The new contact will appear in the contact list, highlighted in yellow. Anything entered in this fashion allows for editing or deletion. Right click on the contact to see these options (right).
  - It will now be available in the user's I.F.A.R.M. profile moving forward.



- 7. **Save Daily Batch Setup.** Once you have all the batch report conditions set, click on the **Save Daily Batch Setup** button.

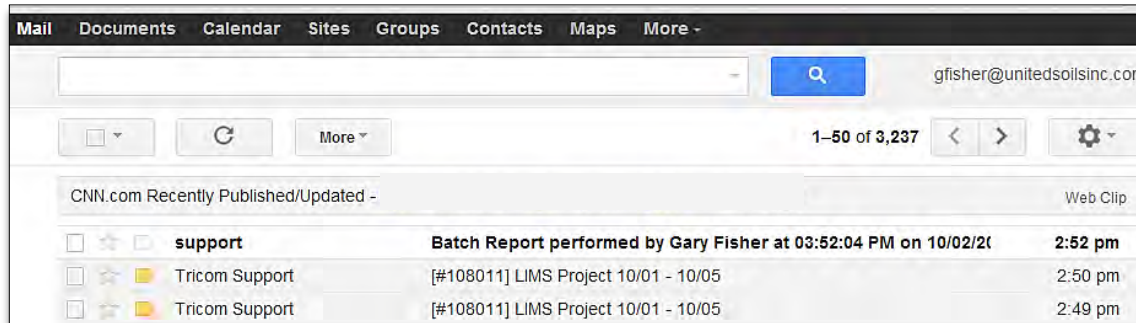


- A. A notification will display confirming the batch was successfully scheduled.

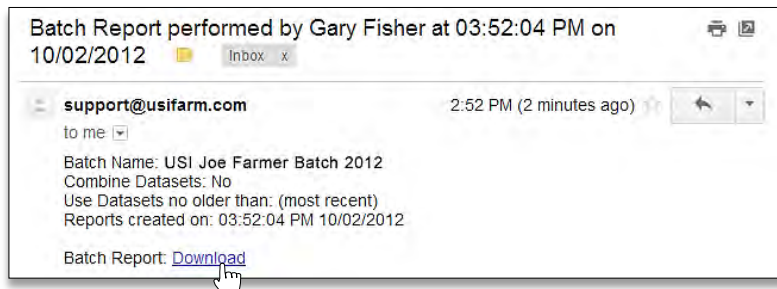


- B. I.F.A.R.M. will now be programmed to track all fields under this Farm. When new soil data is uploaded, I.F.A.R.M. will generate the selected reports automatically at a specific time (4 p.m. central time).

- 8. **Email Notification.** Once the programmed farms / fields have new data uploaded, an email will be sent to the recipients.



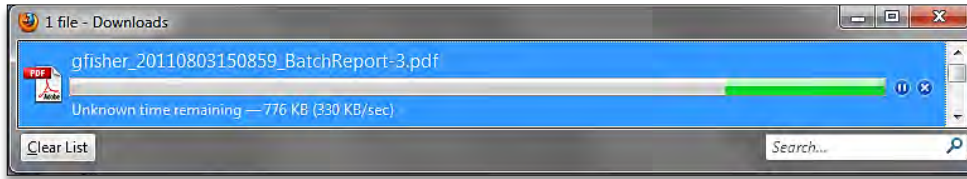
- A. The opened email will show a **Download** link. By clicking the link, the PDF reports will process and open.



**Note:**

The batch process does not include PDF attachments as part of the delivery. It is a download link that opens the PDF reports processed. Some batches could include significant amounts of pages, which would cause problems with most email systems.

Batch Processing continued...



B. The PDF file will open and display all analysis data for the field(s). If multiple reports were run, they will all be included in the single PDF file.

**I.F.A.R.M.** Sample Management Report

Location: AUSI-Farm Training Farm: ALL  
 Customer: Test Fields Field: Borsdorf Tile  
 Dates: 2010-09-29 Acres: 165.49

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**I.F.A.R.M.** Soil Test Results

Location: AUSI-Farm Training Farm: ALL  
 Customer: Test Fields Field: Borsdorf Tile  
 Dates: 2010-09-29 Acres: 165.49

ID	pH	CaP	P (lb/ac)	K (lb/ac)	SEC	OM	ForC	ForM	ForK
1	7.0	7.5	97	294	16.8	2.5	41.0	34.6	5.1
2	6.6	7.2	74	503	12.5	2.6	56.9	30.8	5.2
3	6.6	7.3	48	292	16.9	2.5	58.5	26.8	2.7
4	6.9	7.5	20	294	13.8	2.6	59.7	36.8	2.5
5	6.4	7.1	24	258	11.8	2.3	55.9	25.3	2.8
6	6.4	7.6	19	264	11.8	2.5	60.4	26.4	2.9
7	6.0	6.7	35	314	11.7	2.6	59.0	26.4	5.4
8	6.6	7.0	30	309	16.6	2.5	60.9	26.9	2.9
9	6.8	6.5	41	341	11.3	2.6	60.9	25.1	3.9
10	6.9	6.9	36	326	11.7	2.5	60.5	26.2	3.7
11	6.4	7.1	45	245	12.6	2.4	60.4	26.8	2.5
12	6.9	6.8	16	182	14.3	2.3	66.2	30.3	1.6
13	7.1	7.5	19	265	16.5	2.4	61.1	43.2	1.8
14	7.0	7.5	39	274	17.0	2.5	58.7	41.5	2.1
15	6.6	7.3	52	307	16.1	2.5	54.4	34.4	2.6
16	6.6	7.5	37	295	16.7	2.5	60.7	26.5	2.9
17	6.7	7.3	116	509	14.1	3.0	57.5	50.0	4.6
18	6.6	7.4	49	340	12.9	2.7	60.2	26.9	2.4
19	6.7	7.4	38	304	13.3	2.5	58.7	35.7	2.8
20	6.6	7.2	51	301	14.2	2.6	59.5	34.6	2.7
21	6.6	7.1	41	275	13.6	2.5	60.4	26.1	2.3
22	6.7	6.6	71	409	14.3	2.5	46.6	24.7	3.7
23	6.4	7.1	62	272	14.4	2.5	53.0	32.4	2.4
24	6.3	6.9	44	362	12.8	2.6	59.3	30.7	2.8
25	6.1	6.1	41	288	17.4	2.6	30.7	21.1	1.6
26	7.3	7.9	161	445	16.9	3.0	66.6	26.9	6.9
27	6.9	6.5	60	253	21.3	3.0	59.8	22.4	1.4
28	6.1	6.7	69	302	12.8	3.4	58.5	24.8	3.0
29	6.8	6.5	104	207	14.9	2.6	49.2	23.4	2.6
30	6.1	6.1	60	255	17.9	3.0	36.7	20.9	1.7
31	6.8	6.5	171	404	11.3	3.3	50.4	26.4	4.5
32	6.9	6.9	212	350	19.2	3.0	59.6	27.9	3.5
33	6.1	6.8	122	283	14.8	2.6	49.5	26.9	2.3
34	6.1	6.8	111	226	18.7	2.5	52.1	26.5	2.2
35	6.2	6.8	61	194	15.9	2.6	52.5	24.8	1.4
36	6.2	6.9	110	240	13.9	2.6	59.0	26.5	2.4
37	6.3	6.9	69	182	12.7	3.0	55.4	26.4	1.9
38	6.4	6.9	112	244	13.3	2.6	59.0	30.2	2.8
39	6.6	7.3	209	402	13.4	2.5	59.0	32.2	3.9
40	6.6	7.0	188	411	14.0	2.6	59.0	32.2	2.9
41	6.4	7.0	133	165	12.7	2.7	58.9	23.2	2.9
42	6.9	6.8	77	293	14.0	2.5	49.8	26.0	1.9
43	6.1	6.8	76	212	13.8	2.6	60.3	25.5	2.3
44	6.2	6.9	17	253	16.5	2.5	59.3	30.2	1.9
45	6.3	6.7	43	192	11.7	2.6	51.6	26.7	2.2
46	6.3	6.8	69	341	14.1	2.6	51.9	30.4	2.1

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**I.F.A.R.M.** Data Analysis Report

Location: AUSI-Farm Training Farm: ALL  
 Customer: Test Fields Field: Borsdorf Tile  
 Date: 2010-09-29 Acres: 165.49

pH (%)

Min: 6.1 Avg: 6.3 Max: 7.5

Phosphorus (lb/ac)

Min: 16.9 Avg: 40.8 Max: 97.0

Potassium (lb/ac)

Min: 116.0 Avg: 216.6 Max: 509.0

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**I.F.A.R.M.** Potash Application Report

Customer: Test Fields Farm: ALL  
 Field: Borsdorf Tile

U of ILK Soil Data Yield Data Build Level # Soybeans 65  
 2010-09-29 2 75

Application: Min App. Rate: 75.00 lb/ac Est. Product Cost: \$0.00  
 Max App. Rate: 350.00 lb/ac Est. Product Total: \$0.00  
 Avg App. Rate: 304.92 lb/ac Est. App. Cost/A: \$0.00  
 Total App. Acres: 165.49 Est. Total App. Cost: \$0.00  
 Total App.: 25.23 Tonnes Est. Combined Cost: \$0.00

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**I.F.A.R.M.** Lime 85 Application Report

Customer: Test Fields Farm: ALL  
 Field: Borsdorf Tile

U of ILK Soil Data Yield Data Build Level # Soybeans 65  
 2010-09-29 6.3 75

Application: Min App. Rate: 1000.00 lb/ac Est. Product Cost: \$0.00  
 Max App. Rate: 6000.00 lb/ac Est. Product Total: \$0.00  
 Avg App. Rate: 2816.97 lb/ac Est. App. Cost/A: \$0.00  
 Total App. Acres: 165.49 Est. Total App. Cost: \$0.00  
 Total App.: 233.09 Tonnes Est. Combined Cost: \$0.00

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**I.F.A.R.M.** MAP Application Report

Customer: Test Fields Farm: ALL  
 Field: Borsdorf Tile

U of ILP Soil Data Yield Data Build Level # Soybeans 65: Co  
 2010-09-29 50 2 75

Application: Min App. Rate: 75.00 lb/ac Est. Product Cost: \$0.00  
 Max App. Rate: 400.00 lb/ac Est. Product Total: \$0.00  
 Avg App. Rate: 227.50 lb/ac Est. App. Cost/A: \$0.00  
 Total App. Acres: 165.49 Est. Total App. Cost: \$0.00  
 Total App.: 18.84 Tonnes Est. Combined Cost: \$0.00

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**I.F.A.R.M.** Application Summary

Customer(s): Test Fields Fields(s): Borsdorf Tile  
 Farm(s): ALL Sub-Field(s): MASTER

Field #	Product	Rate	Min. Min. Rate	Est. Min. Rate	Est. Max. Rate	Prod. Cost	App. Cost/A
1	Potash	75.00 lb/ac	75.00 lb/ac	95.00 lb/ac	95.00 lb/ac	\$0.00	\$0.00
2	Lime 85	1000.00 lb/ac	1000.00 lb/ac	1600.00 lb/ac	1600.00 lb/ac	\$0.00	\$0.00
3	MAP	75.00 lb/ac	75.00 lb/ac	400.00 lb/ac	400.00 lb/ac	\$0.00	\$0.00

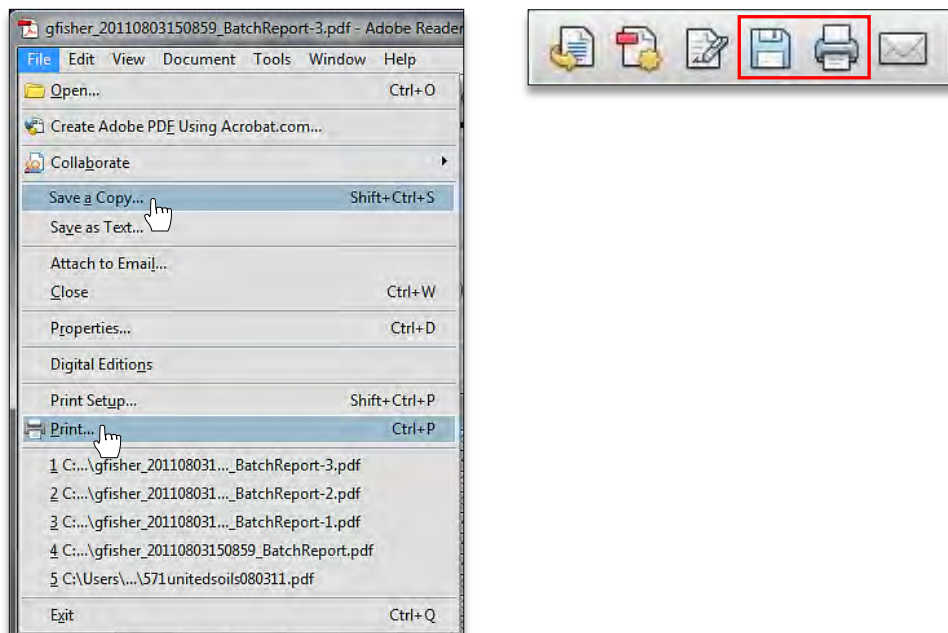
Field #	Product	App. Area	App. Rate	Total Product	Total App. Cost	Total App. Cost	Est. Total Cost
1	Potash	165.49 ac	25.23 lb/ac	\$0.00	165.49	\$0.00	\$0.00
2	Lime 85	165.49 ac	2816.97 lb/ac	\$0.00	165.49	\$0.00	\$0.00
3	MAP	165.49 ac	18.84 lb/ac	\$0.00	165.49	\$0.00	\$0.00

Total: Avg. Cost Per Acre: \$0.00

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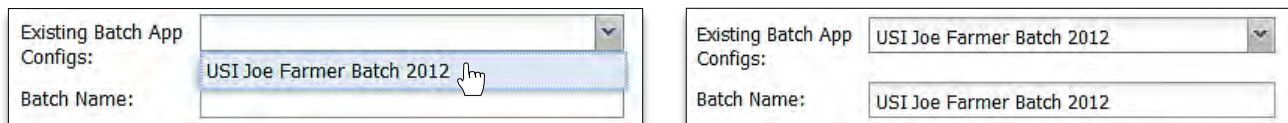
Batch Processing continued...

- Users can print or save the batch report from the PDF software.

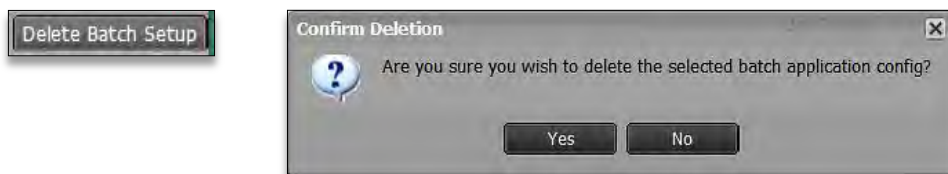


**9. Delete Batch Setup.** Deleting the configuration is means to remove the trigger on a farm / field that generates the auto-email for newly uploaded data.

**A.** Choose the Batch Report Configuration you want to delete by reviewing the list under the drop-down menu.



**B.** Go to the lower right of the page and click the **Delete Batch Setup** button.



**C.** If you click **Yes**, the chosen configuration will be removed from the menu and the following indicator will appear to confirm the action.

