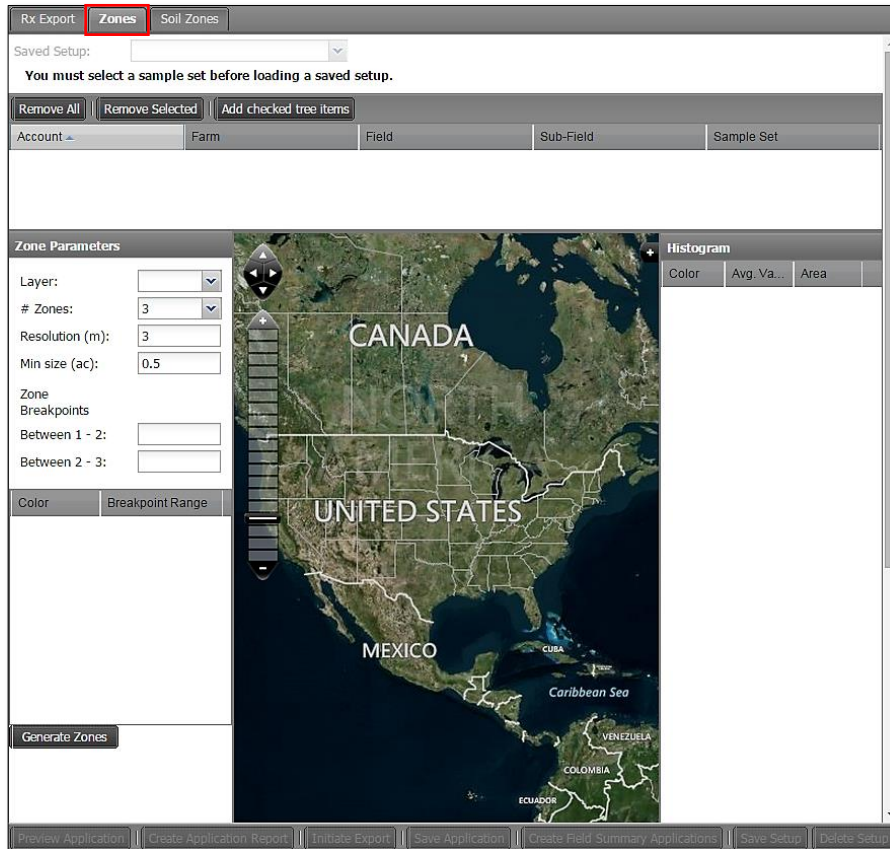


Spread Map Tab - Zones / Soil Data

The **Spread Map** page provides functions for creating spread maps. To activate the options, select the **Spread Map** tab.



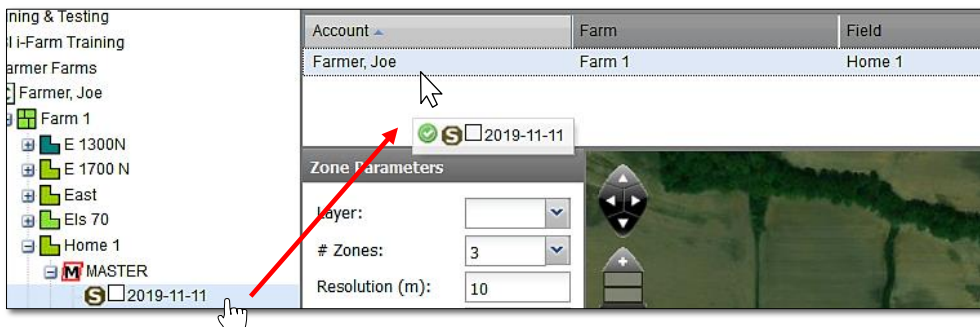
1. The **Rx Export** tab will display immediately. Select the **Zones** tab. The Zones page will display. This function allows you create manual flat rate prescription zones within a field per product soil test data or yield files.



2. Zones - Soil Data:

A. From the customer index window, click and hold a soil data file, and drag up to the **Account** window; or click on the file selection box and click on the **Add checked tree items** button.

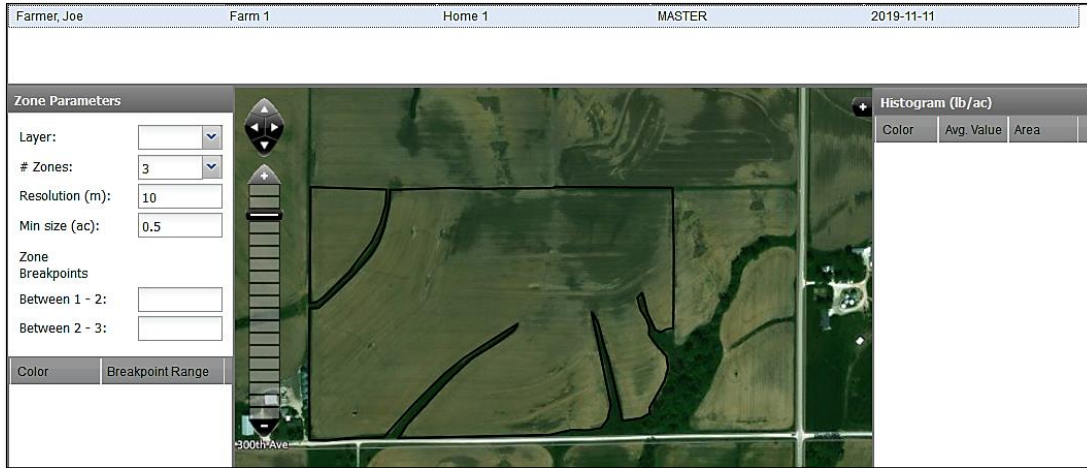
- This particular program function can only work with one data type set at a time; meaning you work with soil or yield, or other. You can't combine two different types.



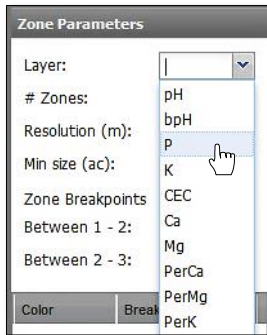
Note: Multiple soil datasets can be entered. The resulting map will be a merged / averaged result.

Zones Tab - Soil continued...

B. Once the soil data is in the Account window, the field boundary will appear as a black outline.

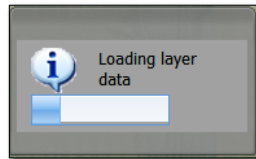


C. Next, under the **Zone Parameters** window, select the nutrient to be zoned.

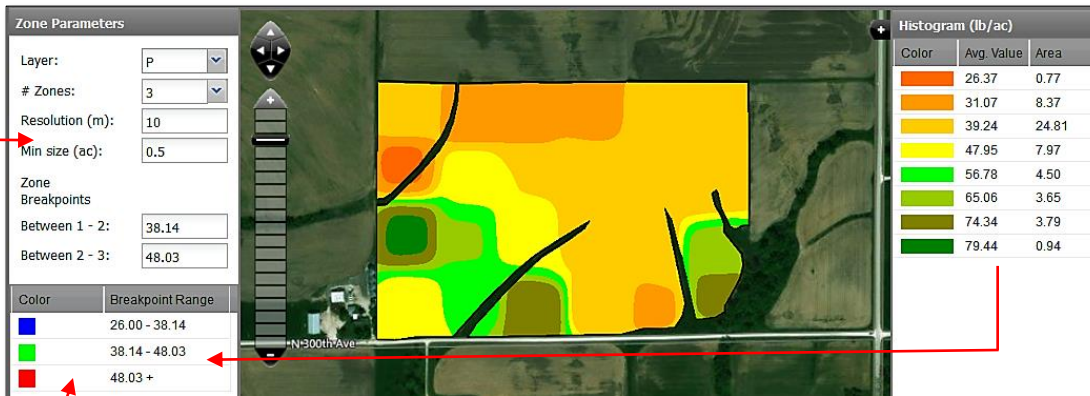


Soil Nutrients

- A Loading layer data indicator will appear briefly, followed by the nutrient layer map displaying.

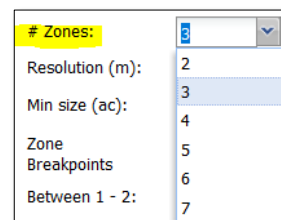


- The field boundary will fill with the nutrient map display and histogram values.



D. Three (3) zones are the default and will be reflected in the zone breakpoint range.

- The tree breakpoint range values are derived from the histogram analysis. The range of values are separated into three logical zones.
- Users can adjust the **Resolution** and **Min Size** (ac). This affects the zone creation (how detailed the zones get created). For soil, the default values are recommended.



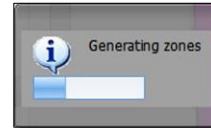
Zones Tab - Soil continued...

F. The zone breakpoints can be edited. If the user wants to modify the Breakpoints Between 1 - 2 and/or 2 – 3, just highlight the value in the zone window and type in a new value.

Zone Breakpoints	
Between 1 - 2:	<input type="text" value="40"/>
Between 2 - 3:	<input type="text" value="50"/>

3. Generate Zones.

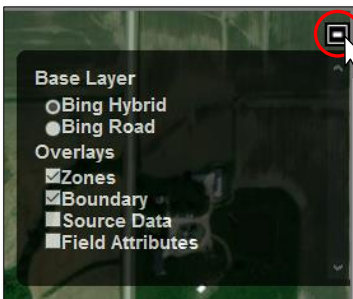
A. To create the zones, select the **Generate Zones** button. An indicator will appear showing the status.



B. A new zone map is created. Note how the zones are rendered with the corresponding number of sections and colors. The colors are hard coded in the program. They cannot be adjusted.



3. Zone Map Options. In this mode, there are viewing options available by clicking on the **black +** button.



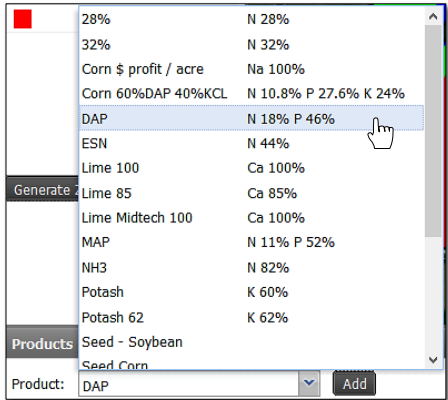
- Bing Hybrid: Default view.
- Bing Road: Click to choose roads background view.
- Zones: Clicking this hides the zones.
- Boundary: Clicking this hides the boundary.
- Source Data: Clicking this will display the nutrient / layer that created the zones.
- Field Attributes: Clicking this will make any attributes tied to the field visible.



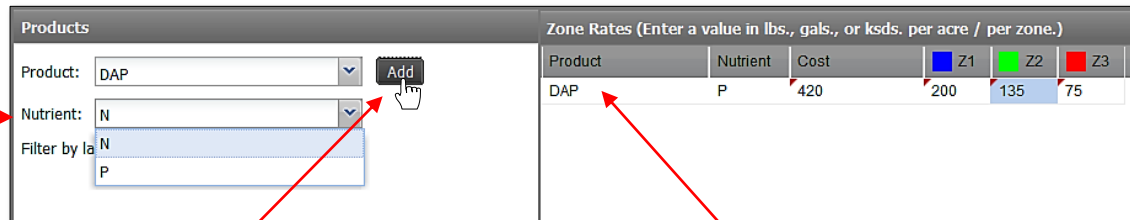
Zones Tab - Soil continued...

4. Products. This area allows users to select the specific product to spread, plus indicate the cost (option) and enter the desired amount of product for each zone.

A. Using the drop-down menu, select the product designation to be spread for the chosen nutrient.



- As soon as the product is chosen, the **Nutrient** window will display the fertilizer element designated for the product. If needed, use the drop-down menu and choose the appropriate nutrient for the product.



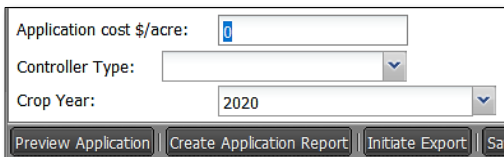
A. Click on the **Add** button to load the product. You will see it show up under the **Product** column.

B. If desired, click in the **Cost** column and enter a product cost.

C. Click under each **Zone** column and enter a value in **lbs.** (or gallons) that will be spread per acre / per zone.

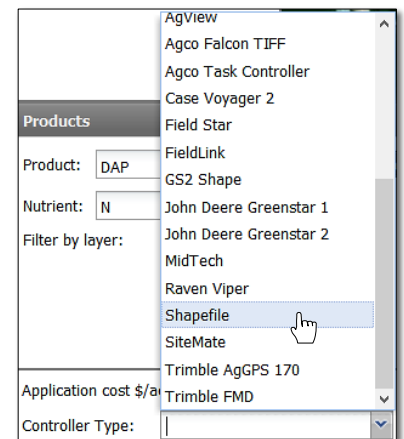
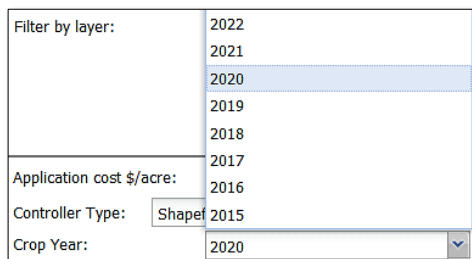
5. Application Cost \$ / acre. This option allows the user to enter a cost per acre to spread the product.

A. Click in the entry box and enter a value (optional).



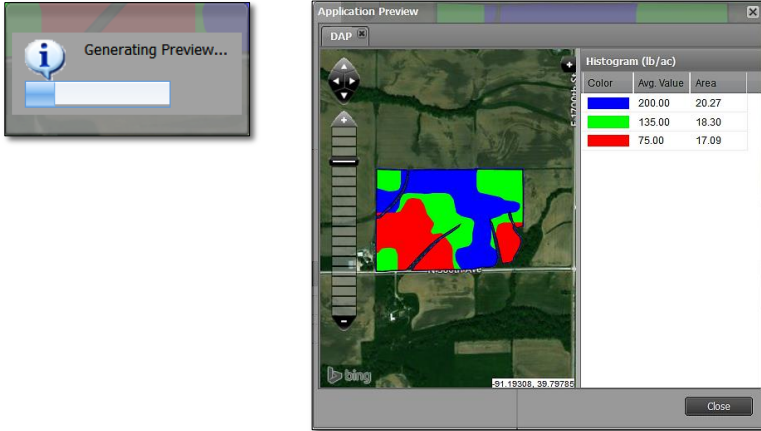
B. Controller Type: Use the drop-down and choose the controller type needed.

C. Crop Year: The current year shows by default. If a different year is needed, use the drop-down and choose the needed crop year.



Zones Tab - Soil continued...

6. **Preview Application.** This option allows the user to see a preview of the application map before its creation.
- A. Click on the **Preview Application** button in the lower left of the page (see above). A brief **Generating Preview** displays, followed by the preview window. The zones, product rates and zone acres display.

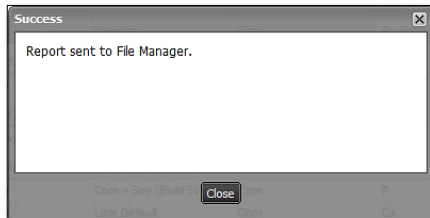


- B. If it is determined adjustments are needed, the user can return to the Zone Rates area and make the necessary changes.
- C. Once finished viewing the information, click the **Close** button to exit the preview.
7. **Create Application Report.** This option allows the user to create a PDF file of the application map and product recommendation.

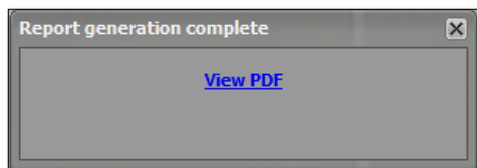
- A. Click on the **Create Application Report** button.



- The following **Success** indicator will briefly appear informing the report has been sent to the **File Manager**.



- Shortly after a **Report Generation Complete** notice will appear.



- B. To view the PDF immediately, click on the **View PDF** link in the notice. Users can also close the prompt and access the report from the File Manager at another time.

Zones Tab continued...

- If opened, a 2-page PDF report will open (map, costs & summary).

- Users have the option to print out or save a copy of the report from the PDF program.

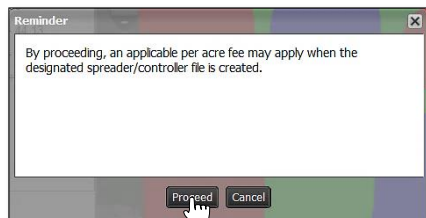
8. Initiate Export. This function allows users to convert and download the application / spread data into files that can be imported into a spread Controller.

A. If not already done, select the controller device from the drop-down menu.

B. Click on **Initiate Export** button.

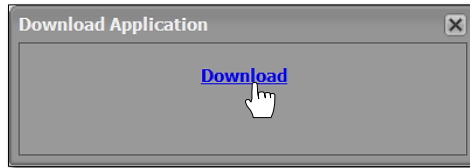
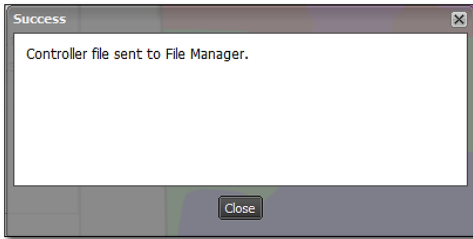


- In prompt will appear indicating a possible charge may be incurred if you proceed. To continue creating the files, click the corresponding **Proceed** button.

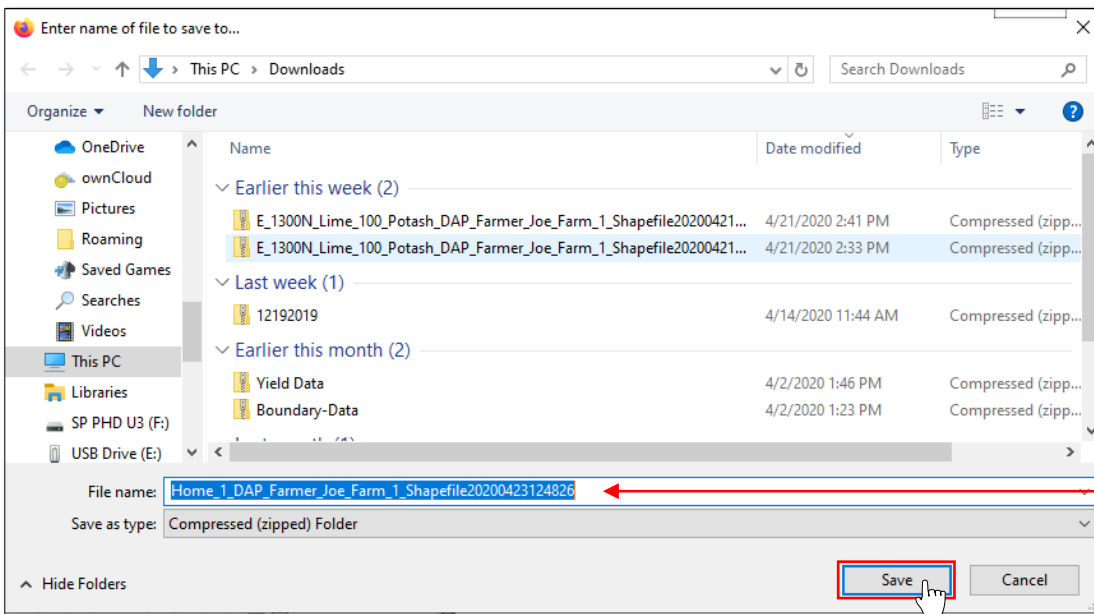


Zones Tab - Soil continued...

- In indicator will appear showing the file has been saved to the **File Manager**.
- After a short period, a second indicator will appear offering to open the controller files.



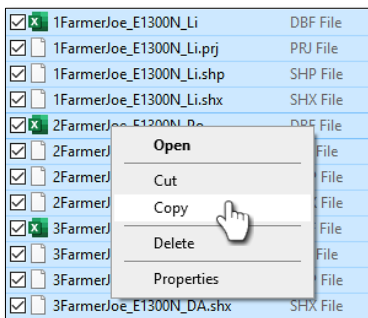
C. If the user chooses to open immediately, click the **Download** link. Depending on the browser used, the file will appear with the means to save to a location on your computer. Note how the file is named.



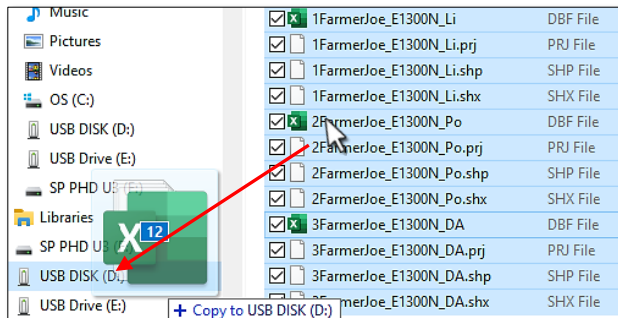
- Browse to the place to save the shape file and click **Save**.

Note: Only the controller files are created. The PDF application report does not get saved with the files.

D. Users have several options to move / copy the files to other locations:



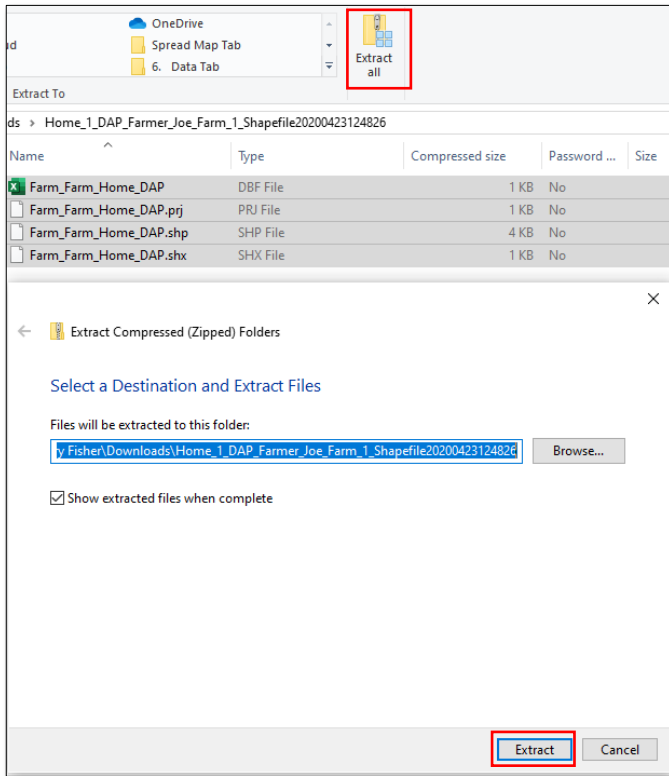
Select all files, right click - copy and go to the other location and right click - paste.



Select all files, left click and hold... drag the files to a separate drive and release. The files transfer.

Zones Tab - Soil continued...

- Click the **Extract all** link. Browse to the folder of choice and click **Extract**. The files will be moved to the location.



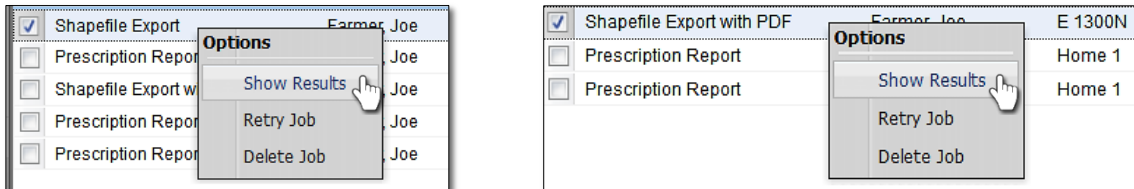
9. File Manager. Users can open controller files from the File Manager as well.

- B. Open the File Manager by selecting it from the upper right link buttons.

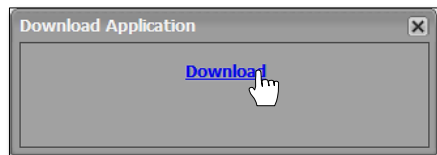


- C. The File Manager will open.

- C. Right-click on the needed controller file. Select **Show Results**.



- D. The following download indicator will appear. Click on **Download** to open the files.



- Follow the same procedures to open and copy files where needed.