Revenue Impact module

Rick,

I am attaching a spreadsheet that contains my vision (as an economist rather than a programmer) of how the output will eventually end up producing a report.

I am including screenshots in case that helps keep track of the EXAMPLE I am using to generate my idea of a Revenue impact report.

# Revenue Impact module

## Partial budget

This is the table and graph that I hope will be revealed.

Text will be added to the page but for now I concentrated only on the output table (called a partial budget). The first image that users would see on this page is the “reduced” partial budget that shows only the minimum information.

Table

Description automatically generated

A graph like the one below would appear also on the revenue impact module.

I know that the final appearance is not our objective here but I thought I would show you an example of what I think the page would look like having both a graph and table side by side in case it affects the way you program things. I like the horizontal graph above even though my example below contains a vertical graph. But I think it gives you the idea.

Chart

Description automatically generated with medium confidence

Just as the machinery costs can be eliminated with the check boxes, I am hoping that the partial budget will be as interactive as the spreadsheet model. The user would be able to click the “+” button to have it expand and give the detail below.

Table

Description automatically generated

## Database used to create the partial budget

This is just my impression of what it looks like and how I know to program it in Excel. I imagine that you have all the decisions made in the various modules in some sort of database. My attached spreadsheet database is a subset of the information entered by the user that contains the material I think will be necessary to create a report.

Graphical user interface, application, table

Description automatically generated

# Modules

## Farm and Field module

The only data I am saying needs to be reported at this time is Field name.

Graphical user interface, text, application, email

Description automatically generated

## Cover Crop selection module

I chose to use only two seeds to demonstrate the report desired expanding and contracting function.

Graphical user interface, text, application

Description automatically generated

## Seedbed preparation module

I chose to not have any seedbed preparation in order to illustrate how a module not used would show up. I imagine there would be a row in the database but it would not show up in the final partial budget table.

Graphical user interface, text, application

Description automatically generated

## Planting decisions module

I used a drill that I modified some of the costs to show how I think that would show up. I imagine (as someone who doesn’t code programs) that you would have access to a database of all the costs associated with this module. But I am showing only the ones that I think would show up given the choices I have made.

Graphical user interface, text, application, email

Description automatically generated

## Termination module

This module is going to be changed significantly. I am putting its current screenshot as an illustration of how the data would mix into the partial budget revenue impact module.

Graphical user interface, text, application, email

Description automatically generated

## Fertility module

I created a fertility situation with both benefits and costs just to make this more complex. The Cost of fertilizer application is provided. I assume this is a custom charge but we need to add the question “How will this fertilizer be applied?” above the “Cost of fertilizer application” and both “how will…” and “Cost of…” are needed only if “will you add fertilizer specifically for cover crop production” is answered yes.

A picture containing graphical user interface

Description automatically generated

## Yield

There is no logic yet on this module but I included it in the revenue impact partial budget just because I think it helps convey a message.

## Additional Considerations

I added two additional sources of income to make all the components of the partial budget have data.

Graphical user interface, text, application

Description automatically generated