**Tillage Module Outline**

[LHS menu bar that stays constant for all modules]

[either a photo of no-til planter in the field in the background or of a tractor with in-line ripper doing fall tillage]

Objective of this module:

* As additional tillage associated with cover crops will most likely be associated with seeding of the cover crop, there are opportunities for savings in at least two areas:
  + Elimination of deep tillage in the fall and
  + Decreased tillage if a grower switches from conventional to no-til planting.
* This module will quantify these potential savings.

Text on page:

As a reminder to the user, the DST *(****Cover Crop Economic DST (Decision Support Tool****)* considers changes to your crop management system specific to the inclusion of cover crops into your rotation. Therefore, this module will consider any reduction or addition of tillage that may result from utilizing cover crops. For example, many growers have discovered that utilizing cover crops will reduce or eliminate the need for deep tillage in the fall. Other growers have switched from conventional tillage to no-til planting after making a switch to extensive use of cover crops. Review the Resources page [LINK] for additional information.

Note to Rick — populate the name of the field and number of acres prior to asking the questions. This information will be from the “Field and Farm” module values provided by the user.

Questions

1. “Do you typically conduct fall tillage on this field?”
   1. If no, goto Q4
   2. If yes, goto Q2
2. “Will you forgo tillage on this field?”
   1. If no, goto Q4
   2. If yes, goto Q3
3. “Please select the equipment you would have used for fall tillage. Note the costs from these functions will appear as savings in your final economic summary” — [drop down menu with the Potential values for the user to select include:]
   1. In-line ripper
   2. Etc.
4. “Are you currently using tillage for management on this field and will you switch to no-til because of the use of cover crops?”
   1. If no, goto Q
   2. If yes, goto Q5
5. “Please select the equipment you would typically use for tillage on this field, but will no longer use due to switching to no-til. Note the costs from these functions will appear as savings in your final economic summary” — [drop down menu with the Potential values for the user to select include:]
   1. Option for disk
   2. Option for vertical til
   3. Option for field cultivator

Note to Rick – this needs to be programmed so the user can add all of the options they wish.

1. “Will you utilize any additional tillage steps on this field (not including seedbed preparation for planting the cover crop nor termination of the cover crop)?”
   1. If no, goto the next module
   2. If yes, goto Q7
2. “Please select the additional tillage that will be required.”— [drop down menu with the Potential values for the user to select include:]
   1. Option for disk
   2. Option for vertical til
   3. Option for field cultivator

Note to Rick – this needs to be programmed so the user can add all of the options they wish.

The savings (or costs) associated with changes in tillage will be transferred to the “Revenue Impact” module.