**Virtual Farm – The Nitrogen Cycle**  **Go To:** <http://sites.ext.vt.edu/virtualfarm/>

-Enter and click on the “beef cow”

-select “nitrogen cycle” from the menu

Go to “Slide Show”

-use the diagram to define the following:

industrial fixation, symbiotic fixation, nitrification, leaching, crop residue, denitrification

To “Manage the Farm” click on the pencil

Write down the numbers at each step! You will need to used them in the final calculation to help the farmer buy fertilizer!

Go to “The Farm” by clicking on the tractor. Click on each location to see how nitrogen is used or stored around the farm.

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