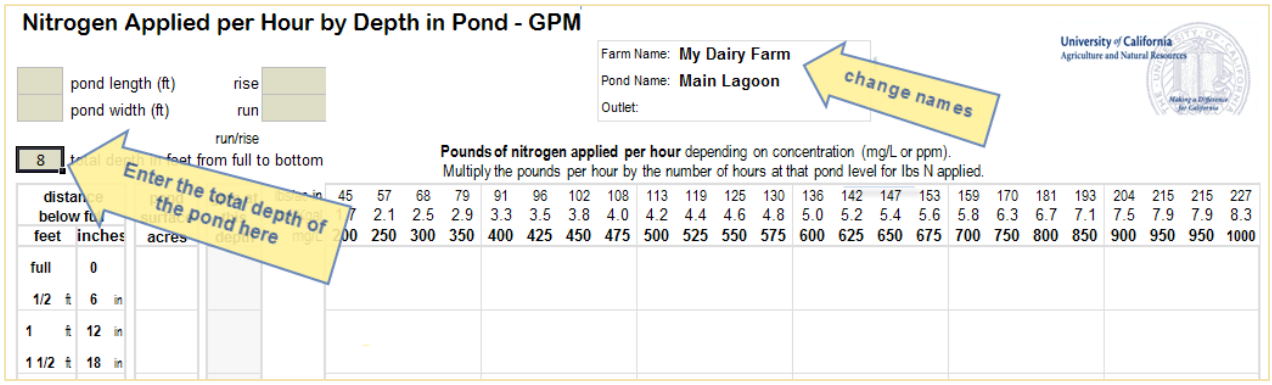
Instructions for GPM by depth / N per hour table

To use these spreadsheets, enter the depth of the pond from full to the bottom in the space provided. Entering the length, width, rise and run is optional. If you do enter these dimensions, the pond surface area for each increment of depth will be automatically calculated. Enter the farm name and lagoon name. If you wish, you may designate the specific pond outlet or degree of valve opening, etc. to which this table pertains.



Using a temporary flow meter, measure the flow rate in gpm at each level and record this information in the gpm column. Or, you may calculate the gpm by recording how long it takes for the pond to drop a given increment. Calculate gallons applied by multiplying inches of drop by the pond surface area at the midpoint of the drop to get acre inches applied. Acre inches ÷ minutes x 27154.29 = gpm.

When the gpm for each increment of depth is entered into the gpm column, the pounds of nitrogen applied per hour table will be generated.