Instructions for Estimating Beef Cattle Feedyard Greenhouse Gas Emissions (Manure Management)

A. Enter data in all green-colored cells on the "Greenhouse Gas Calculation Page."

(the items listed below are footnotes for the numbered data entry cells in the worksheet)

Item #1. Obtain from feedyard records (the "Feedyard Production Data" form can be used to gather and record production data).

Item #2. Obtain from feedyard records (the "Feedyard Production Data" form can be used to gather and record production data).

Item #3. Obtain from feedyard records (the "Feedyard Production Data" form can be used to gather and record production data).

OR, use default values in Table JJ-2 of the EPA final rule, which are 924 lbs/head (420 kg/head) for steers and heifers.

Item #4. Obtain from local data or National Climatic Data Center at:

http://cdo.ncdc.noaa.gov/cgi-bin/climatenormals/climatenormals.pl?directive=prod_select2&prodtype=CLIM20&subrnum

Item #5. Use the drop-down list to select the state where the feedyard is located.

Item #6. The worksheet automatically pulls data from Table JJ-3 in EPA final rule.

Item #7. The worksheet automatically pulls data from Table JJ-3 in EPA final rule.

Item #8. Use a combination of site specific data and values from Table A-172, EPA's U.S. Inventory of GHGs, 2009.

- Manure to Drylot/Pen Surface
  Default value is that 100% of manure is first applied to the pen surface.
- Manure to Holding Pond
  Number is automatically selected from Table A-172 based on the State selected.

FOR THE REPORTING CALENDAR YEAR:

- Manure Stockpile
  Enter percent of manure that was removed from pens and stockpiled on-site.
- Intensive Composting
  Enter percent of manure that went through INTENSIVE composting.
- Passive Composting
  Enter percent of manure that went through PASSIVE composting.
- Static Pile Composting
  Enter percent of manure that went through STATIC PILE composting.

B. Print the CALCULATION worksheet for your records. THE WORKSHEET DOES NOT GO TO EPA.

C. Click "PRINTED REPORT FOR EPA" tab at the top of the page and print and sign the report.

D. Mail the one-page summary report and a cover letter to EPA.

SUBMIT BY METHOD TO VERIFY DELIVERY (i.e., cert. mail return receipt, FedEx, UPS, etc.)

Send original to:
Ms. Lisa Jackson
Administrator
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

Send a copy to:
Ms. Carole Cook
Office of Atmospheric Protection (MC-6207)
U.S. Environmental Protection Agency
1200 Pennsylvania Avenue, NW
Washington, D.C. 20460

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