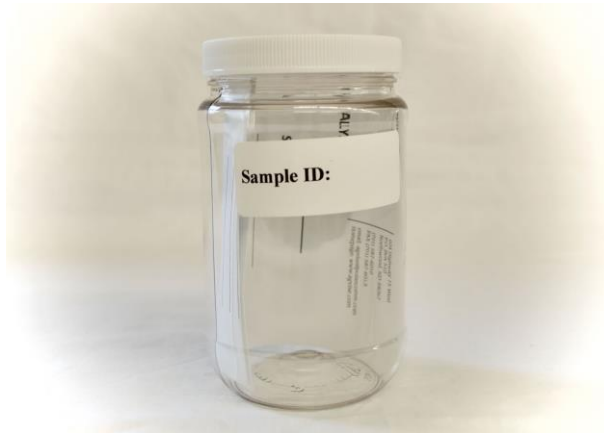


# ManureDB: Creating a nationwide manure test database



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# Overview

- Current published livestock manure “book values” used in the United States (U.S.) are several decades old.
- Recent data from Midwest U.S. labs indicates manure nutrient data has changed from book values published by Midwest Plan Service (2004) and American Society of Agricultural and Biological Engineers (2005).
- The University of Minnesota received grant funding to create a manure nutrient database (ManureDB) to update these values.
  - Working with the Minnesota Supercomputing Institute
- We are seeking laboratories to partner with developing the database.



# Collaborating Lab Summary

- Labs would share past manure data results with ManureDB (going back as far as they have or feel comfortable) and then annually going forward.
- No customer names or addresses shared with us (only zip codes, if possible)
- A one-time honorarium available for labs to help with costs associated with adjusting their system to extract the data
- Data would be available to the public as a searchable database
- Public facing space to show aggregate summary data for a state or region (similar to a book value, but a dynamic one)



# Future Plans



- Finish construction and user-testing of ManureDB beta site in collaboration with participating laboratories
- Refine manure data uploading processes
- Publish ManureDB as a publicly available website, hopefully by the end of the year.
- Recruit more laboratories to participate in the database. If your lab is interested in learning more about this project, please contact us!

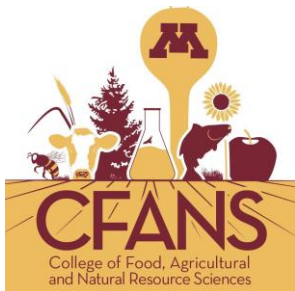
Email: [manure@umn.edu](mailto:manure@umn.edu)



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