

**NAQSAT**

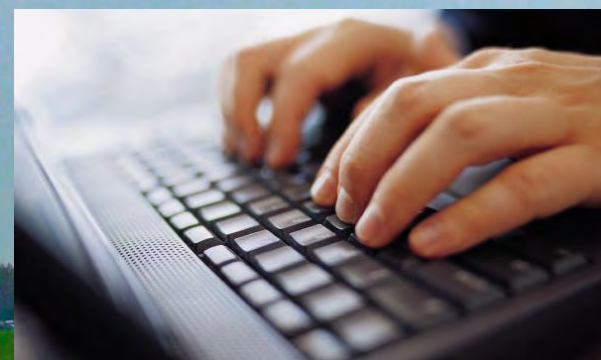
**National Air Quality Site Assessment Tool**

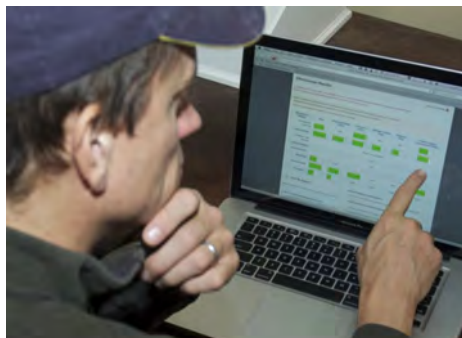


**NAQSAT**

**National Air Quality  
Site Assessment Tool**

*Air Quality Assessment  
Tool For Livestock  
Producers & Advisors*





### The development of the NAQSAT is a cooperative effort between:

- Colorado Livestock Association
- Colorado State University
- Iowa Turkey Federation
- Iowa Pork Producers Association
- Iowa Pork Industry Center
- Iowa State University
- Michigan Milk Producers Association
- Michigan Pork Producers Association
- Michigan State University
- National Pork Board
- Nebraska Environmental Trust
- Oregon State University
- Pennsylvania State University
- Purdue University
- Texas A&M University
- University of California, Davis
- University of Georgia
- University of Maryland
- University of Minnesota
- University of Nebraska
- United States Department of Agriculture, Natural Resources Conservation Service
- Western United Dairymen

**The National Air Quality Site Assessment Tool (NAQSAT) was developed for livestock producers and their advisors interested in determining opportunities to reduce air emissions from their operations.**

NAQSAT considers the influence of diet and feed management, animal housing, manure collection, transfer and storage, land application, mortality management, public perception and on-farm roads on air emissions.

A summary report outlines the degree to which an operation has incorporated all of the feasible practices that would effectively minimize odor, ammonia, hydrogen sulfide, methane, dust and volatile organic compound (VOC) emissions from the facility.

## Benefits for Producers

- Voluntarily and securely assess current management practices using a tool tailored to your farm.
- Compare how different practices or technologies might affect emissions.
- See how changing a practice to reduce emission of one gas or pollutant affects other emissions.
- Print your reports to document progress over time.
- Access a list of technical experts involved in tool development.
- Link to other technical resources.
- Obtain confidential results.



## Benefits for Technical or Agency Staff

- Identify mitigation options and cross reference with NRCS practice standards.
- Prioritize investments.
- Identify impacts from potential changes made for other reasons on air emissions.
- Evaluate land-use decisions.
- Use to confirm that improvements and investments will result in positive change.
- Provide education about management practices and air emission impacts.
- Obtain confidential results.



Access the NAQSAT at <http://naqsat.tamu.edu>