



United States Department of Agriculture
Natural Resources Conservation Service

Air Quality & Atmospheric Change

Air Quality Conservation Activities – Ammonia



- Split fertilizer applications over a range of time
- Inject or incorporate rather than broadcast-apply ammonia-based nitrogen fertilizers
- Utilize an approved feed management system (with a National Research Council-recommended nutrition plan)
- Store ammonia-based fertilizers in approved storage areas

Conservation Activities

There are a variety of conservation activities that directly or indirectly address air quality and atmospheric change issues related to agricultural operations. Some of these may be applicable for payments under USDA Conservation Programs such as the Environmental Quality Incentives Program (EQIP), or the Conservation Security Program (CSP).

Benefits

The following activities will reduce ammonia emissions from agricultural operations, which in turn will reduce the formation of fine particulate matter (PM 2.5 microns and smaller).

- Use a Comprehensive Nutrient Management Plan



Photo Courtesy Iowa State University