



Feed Management

Conservation Practice Job Sheet FL-592-JS

Natural Resources Conservation Service, Florida

March 2004

Land User: _____ County: _____ Date: _____
 Farm #: _____ Farm #: _____ Assisted By: _____



NRCS Photo

Definition

Managing the quantity of available nutrients fed to livestock and poultry for their intended purpose.

Purposes

Supply the quantity of available nutrients required by livestock and poultry for maintenance, production, performance, and reproduction; while reducing the quantity of nutrients, especially nitrogen and phosphorus, excreted in manure by minimizing the over-feeding of these and other nutrients.

Improve net farm income by feeding nutrients more efficiently.

Where Used

Confined livestock and poultry operations with a whole farm nutrient imbalance, with more nutrients imported to the farm than are exported and/or utilized by cropping programs.

This practice applies to confined livestock and poultry operations that have a significant build up of nutrients in the soil due to land application of manure.

Confined livestock and poultry operations that land apply manure and do not have a land base large enough to allow nutrients to be applied at rates recommended by soil test and utilized by crops in the rotation.

This practice applies to livestock and poultry operations seeking to enhance nutrient efficiencies.

Conservation Management System

Feed Management is a component of a conservation management system for a variety of land uses. Feed management is used to reduce undesirable nutrient accumulation, ensure animal health and well-being, and increase efficiency of the farm or ranch operation. Other facilitating and accelerating practices may be utilized in the system to address natural resource concerns identified during the conservation planning process and to ensure the success of the overall system.

Plans and Specifications

Plans and specifications for feed management shall be in keeping with the requirements of this standard. They shall describe the specific feed management practices and/or technologies that are planned for the operation.

The following components shall be included in the feed management plan:

- The type of technology, or technologies, and/or feeding practices that will be used on the operation.
- Feed analyses and ration formulation information prior to and after implementation of feed management on the operation.

FEED MANAGEMENT

- The estimated, or measured, nutrient content of the manure prior to the implementation of feed management on the operation.
 - The estimated impact that feed management will have on manure nutrient content.
 - Guidance for how often the feed management plan shall be reviewed.
 - The quantities and sources of nitrogen and phosphorus that will be fed.
 - Identification of the qualified feed management specialist who developed the plan.
- Maintaining records to document plan implementation. As applicable, records include:
 - ◆ Records of feed analysis and ration formulation, including the record of ration formulation used prior to implementing the feeding strategy.
 - ◆ Records of the initial estimate of the impact the feeding strategy was expected to have on reducing manure nutrient content.
 - ◆ Records of any manure analysis that was done after the feeding strategy was implemented to determine manure nutrient content.
 - ◆ Dates of review and person performing the review, and any recommendations that resulted from the review.

Operation and Maintenance

The producer/client is responsible for the operation and maintenance of the feed management plan. Operation and maintenance activities address the following:

- Periodic plan review to determine if adjustments or modifications are needed.
- Routine feed analysis to document the rates at which nitrogen and phosphorus were actually fed. When actual rates fed differ from or exceed the planned rates, records will indicate the reasons for the differences.

Records of plan implementation shall be maintained for five years, or for a period longer than five years if required by other Federal, state, or local ordinances, program, or contract requirements.

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FEED MANAGEMENT

Client		Date	
Farm/Tract		Field(s)	
Location		Acres	
Planner		County/SWCD	

Design Approval:

Diets and feed management strategies shall be developed by professional animal scientists, independent professional nutritionists or other comparably qualified individuals.

FEED MANAGEMENT SPECIALIST WHO DEVELOPED THE PLAN:

Design Approved by: _____ Date: _____

Job title: _____ Certification No.: _____

This Plan Will Be Reviewed and/or Revised On The Following Schedule:

Client’s Acknowledgement Statement:

The Client acknowledges that:

- a. They have received a copy of the specification and understand the contents and requirements.
- b. It shall be the responsibility of the client to obtain all necessary permits and/or rights, and to comply with all ordinances and laws pertaining to the application of this practice.

Accepted by: _____ Date: _____

Certification:

I have completed a review of the information provided by the client and certify this practice has been applied.

Certification by: _____ Date: _____

Job title: _____

Refer to the Following Conservation Practice Specifications for Additional Information Needed to Integrate Feed Management into the Conservation Management System			
Nutrient Management 590	<input type="checkbox"/>	Waste Utilization 633	<input type="checkbox"/>
Forage Harvest Management 511	<input type="checkbox"/>	Prescribed Grazing 528A	<input type="checkbox"/>
Fence 382	<input type="checkbox"/>	Watering Facility 614	<input type="checkbox"/>
Heavy Use Area Protection 561	<input type="checkbox"/>	Waste Storage Facility 313	<input type="checkbox"/>
Other:	<input type="checkbox"/>	Other:	<input type="checkbox"/>

FEED MANAGEMENT

1. Management Objectives:

Diets shall be formulated to provide the quantities and correct relative ratios of available nutrients required by the animal species to meet the goals for which the plan is being developed. Adjustments to nutrient levels shall be provided to meet specific genetic potential, environmental demands, and/or requirements to ensure health, well-being, and productivity.

Additional Narrative: _____

2. Nutrient Reduction Goal(s)

Narrative: _____

3. Technology, and/or feeding practices that will be used on the operation:

Narrative: _____

See attached for more information.

4. Feed analyses and ration formulation information prior to and after implementation:

Existing feed analysis and ration formulation: _____

See attached for more information.

Planned feed analysis and ration formulation: _____

See attached for more information.

5. Estimated, or measured, nutrient content of the manure prior to implementation:

Specify method of estimation or measurement and units (e.g. pounds per animal unit per year).

Narrative: _____

See attached for more information.

6. Estimated impact on manure nutrient content:

	Planned	Actual
Nitrogen Percent Reduction:	_____	_____
Nitrogen Pounds per Animal Unit:	_____	_____
Phosphorus Percent Reduction:	_____	_____
Phosphorus Pounds per Animal Unit:	_____	_____
<input type="checkbox"/> See attached for more information.		

7. Quantities and sources of nitrogen and phosphorus that will be fed:

Narrative: _____

See attached for more information.

8. Additional Specifications:

Narrative: _____