

Figure 1 – Feed Management Development and Implementation Flow Chart for Adoption of USDA-NRCS* Feed Management 592 Practice Standard.

Activity	Who is Involved with Activity
Step 1) Determine the Purpose Specific to the Farm	Step 1) Nutrient Management Planner and Producer
Step 2) Identify where Practice Applies and Assess the Opportunity for Adoption of 592 Standard	Step 2) Nutrient Management Planner and Producer
Step 3) Evaluate the Economics of Making a Ration Change vs Transporting Manure	Step 3) Nutrient Management Planner, Producer, and Nutritionist
Step 4) Feed Management Plan Development	Step 4) Producer, and Nutritionist
Step 5) Feed Management Plan Implementation and Monitoring	Step 5) Producer, and Nutritionist

***USDA-NRCS – United States Department of Agriculture – Natural Resources Conservation Service**

CNMP* Activity



Feed Management 592 Implementation Flow Chart

Step 1)
Determine purpose
(TSP and Producer)

Feed to minimize excess nutrients in manure while maintaining production, performance, and reproduction

Feed to improve net farm income by feeding more efficiently.

Step 2)
Identify conditions where practice applies and assess the Opportunities
(TSP and Producer)

Conditions where practice applies:
1) Whole farm imbalance
2) Soil nutrient build-up
3) Land base not large enough
4) Seeking to enhance nutrient efficiencies
If one or more apply, continue on to next step

Determine the FM opportunities for addressing resource concerns
Use Opportunity Checklist (NRCS, TSP may want to collaborate with nutritionists)

Conditions where practice applies:
Seeking to enhance nutrient efficiencies
If applies, continue on to next step

Little opportunity for FM to address resource concern, no FMP developed

Determine the FM opportunities for improving net farm income
Use Opportunity Checklist (NRCS, TSP may want to collaborate with nutritionists)

Consider other opportunities of the CNMP:
1) Manure and waste water handling and storage
2) Nutrient management
3) Land treatment

Opportunities exist for FM to address resource concern

Opportunities exist for FM to improve net farm income

Little opportunity no FMP developed

Step 3)
Economic evaluation
(TSP, Nutritionist Producer)

Evaluate options based upon:

- Economics of feed change (*Nutritionist*)
- Economics and time requirements for manure transport (*NRCS, TSP and Nutritionist*)
- Land access requirements including costs (rent lease or purchase) (*Producer*)

Step 4)
Feed management plan development
(Nutritionist and Producer)

Transport manure or increasing land base more profitable- no FMP

Ration change more profitable

Nutritionist utilizes the FMP Checklist to develop & complete FMP

Nutritionist communicates ration change to TSP as it relates to changes in manure excretion

Step 5)
Implement and monitor
(Nutritionist and Producer)

Nutritionist and producer work to implement and monitor FMP

*CNMP= Comprehensive Nutrient Management Plan; FMP= Feed Management Plan; NRCS= Natural Resources Conservation Service; TSP= Technical Service Provider