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

<table>
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<th>Activity</th>
<th>Who is Involved with Activity</th>
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<td>Step 1) Determine the Purpose Specific to the Farm</td>
<td>Step 1) Nutrient Management Planner and Producer</td>
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<td>Step 2) Identify where Practice Applies and Assess the Opportunity for Adoption of 592 Standard</td>
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<td>Step 3) Evaluate the Economics of Making a Ration Change vs Transporting Manure</td>
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<td>Step 4) Feed Management Plan Development</td>
<td>Step 4) Producer, and Nutritionist</td>
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<td>Step 5) Feed Management Plan Implementation and Monitoring</td>
<td>Step 5) Producer, and Nutritionist</td>
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*USDA-NRCS – United States Department of Agriculture – Natural Resources Conservation Service*
Step 1)
Determine purpose
(TSP and Producer)

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

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

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

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

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

Opportunities exist for FM to address resource concern

Opportunities exist for FM to improve net farm income

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

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

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 and producer work to implement and monitor FMP

Step 5)
Implement and monitor
(Nutritionist and Producer)

Feed to improve net farm income by feeding more efficiently.

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

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