Nutrient management planning is all about efficiency: utilizing the available nutrients held in the soil, and adding additional nutrients in a timely form and at an appropriate rate to supply the growing crop with sufficient food to develop into high yielding plants.

Also key to effective nutrient management is preventing nutrient losses and the resulting environmental pollution. Delivering an optimal, but not excessive, rate of manure or fertilizer will help to minimize nutrient loss and maximize profit potential.
A nutrient management plan (NMP) or manure management plan (MMP) is a budget of the nutrients generated and utilized on your farm. It is also used to ensure compliance with Minnesota State Feedlot Rules (Chapter 7020). Nutrient management planning is a science-based approach that utilizes many tools; soil tests, manure analysis, and crop nutrient needs and removal rates; to provide producers with accurate fertilizer recommendations that are specific to your farmland, and your farming operation.

**What is a Nutrient Management Plan?**

- Farm location maps
- Field descriptions
- Soil test analysis
- Crop history
- Crop yield information
- Livestock numbers
- Manure sources and storage
- Manure applications
- Manure analysis

**Components of a Nutrient Management Plan**

- Organized records of your farming operation
- Aerial photography of your farms with management zones and any sensitive area setbacks
- Field specific nutrient budgets showing plant available levels of N, P, and K
- Field specific supplemental crop nutrient needs
- Documentation to satisfy State feedlot regulations

**What do you get from a NMP?**

- Plans and Fees

<table>
<thead>
<tr>
<th>Plan Type</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>New CNMP</td>
<td>$0.70/acre</td>
</tr>
<tr>
<td>New MMP</td>
<td>$0.50/acre</td>
</tr>
<tr>
<td>CNMP or MMP Update</td>
<td>$0.30/acre</td>
</tr>
</tbody>
</table>

If you are interested in any nutrient management services, or would like more information, please contact:

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1810 30th St NW
Faribault, MN 55021
Phone: 507-332-5408
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**Nutrient and Manure Management Resources:**

- [www.extension.umn.edu/agriculture/nutrient-management/](http://www.extension.umn.edu/agriculture/nutrient-management/)
- [www.pca.state.mn.us/index.php/topics/feedlots/index.html](http://www.pca.state.mn.us/index.php/topics/feedlots/index.html)
- [www.nrcs.usda.gov/wps/portal/nrcs/detail/mn/technical/?cid=nrcs142p2_023689](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/mn/technical/?cid=nrcs142p2_023689)
- [www.mda.state.mn.us/chemicals/fertilizers/nutrient-mgmt.aspx](http://www.mda.state.mn.us/chemicals/fertilizers/nutrient-mgmt.aspx)