VII: Manure Management Planning in MMP

A. Manure applications
B. Fertilizer applications
C. Manure transfers and manure storage.
VIII-C: Fertilizer applications.

- Using the fertilizer panel
  - Making a fertilizer application
  - Duplicating fertilizer applications
  - Navigation through the calendar with the fertilizer panel
- Tracking what is happening in the fertilizer panel.
- Interpreting the MMP nutrient management page.
**MMP Fertilizer Application**

**Double-click on the March 2006 cell on the field 1 line**

- Let’s make a spring application of N on field 1.
Field 1 (Mar '06)
- Cool season grass Pasture
- Recommended
  - 120 lbs N/A
  - 5 lbs P₂O₅/A
  - 0 lbs K₂O/A

Cool Season Grass Pasture: Split N applications between late spring after first grazing and mid August, applying 60% before the season of greatest need.
MMP Fertilizer Application

Select “Amount of One or More Nutrients”

The select “OK”
MMP Fertilizer Application

Spring N application
- 50 lbs N/a
- 20 lbs P$_2$O$_5$/a (4 years)
- Include fertilizer ...
- Surface broadcast
- Apply to entire field

Then select “Close”
### MMP Fertilizer Application

<table>
<thead>
<tr>
<th></th>
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- “F” denotes a fertilizer application.
MMP Fertilizer Application

Duplicating a fertilizer application.

- Objective:
Double-click on August 2006 cell on the field 1 line
**MMP Fertilizer Application**

**Fall Application**
- 70 lbs N/a
- Surface broadcast
- Entire Field

Select “Duplicate”
Choose “All Fields With Same Crop.”
(3 fields with cool season grass pasture)

Select “Duplicate in Future Years Too”

“Click” OK
MMP Duplicate Fertilizer Application

Confirms 11 more applications

- Field 1: August 2007, 2008, 2009
MMP Fertilizer Application

- Confirm program duplicated N application

Use the buttons under "Year" to navigate to Aug 2007.
MMP Fertilizer Application - Tips

• Use “month” and “year” tabs to navigate calendar.

• Use duplicate feature to reduce input for fertilizer applications.

• Double-check rates are what you expected.
MMP Fertilizer Application

**Exercise**

- Apply spring fertilizer to fields 1, 13 and 14 to stimulate spring hay yield.


- Can you use the duplicate feature?
MMP Fertilizer Application

- For more information about fertilizer rates look at “Details”
Field Nutrient Status Details

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<tr>
<th>Year</th>
<th>Field ID</th>
<th>Sub ID</th>
<th>Nutrient Needs</th>
<th>Crop</th>
<th>Field Goal</th>
<th>Acres</th>
<th>N</th>
<th>P₂O₅</th>
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<td>Crop Fertilizer Recs</td>
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<td>29.8</td>
<td>120</td>
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<table>
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<tr>
<th>Date</th>
<th>Field ID</th>
<th>Sub ID</th>
<th>Nutrient Activity</th>
<th>Source</th>
<th>Equipment/Method</th>
<th>Rate</th>
<th>Acres</th>
<th>N</th>
<th>P₂O₅</th>
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Detailed summary for all years, spreadable and non-spreadable acres (only 1 year shown here):

- Crop recommendation and removal
- Manure nutrient value
- Crop nutrient need/excess after manure application
- Manure and fertilizer rates

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