# **Supplementary Sections for the Cover Sheet**

The following sections are to be included in the cover sheet of nutrient management plans as necessary, based on the operation. Blue text provides guidance and should not be transferred to the cover sheet that will be delivered to the client.

**When a plan is developed prior to wheat/barley planting, use the following statement:**

**FALL NITROGEN ON WHEAT AND BARLEY**: Application of nitrogen in the fall on wheat and barley grown for grain production is based on the results of the Fall Soil Nitrate Test (FSNT). If the FSNT indicates an inadequate supply of nitrogen, a recommendation for fall nitrogen application will be made at the time of testing. Contact your nutrient management advisor if you are interested in this test.

**When a plan includes Christmas Trees, use the following:**

**NUTRIENT RECOMMENDATIONS FOR CHRISTMAS TREES**: Pre-plant recommendations for Christmas trees are based on soil tests. Nutrient recommendations for established Christmas trees are based only on species and, in some cases, stage of growth and anticipated harvest season. See NM-2, *Nutrient Recommendations for Commercial Christmas Tree Production*, for complete information. A copy of this document is included in this plan.

**When pasture yield goals were found for pastures on Web Soil Survey, include the following in the “Source of Yield Goal Information” section:**

Yield goals for pastures were based on average productivity for forages for the dominant soil type in each pasture as published in Web Soil Survey.

**When a plan includes recommendations for organic fertilizer on food crops (i.e. crops sold at fresh market, such as tomatoes, peppers, squash, etc.) include the following:**

**FOOD SAFETY:** Application of manure and other organic nutrient sources to crops consumed raw may pose a health hazard to consumers. Consult Soil Amendments Overview in the Food Safety section of this plan for management practices to comply with current food safety guidance.

**When an operation has 20 or fewer animal units and a manure sample was provided for the 2018 plan, but we want to alert client manure analysis is not required in the future add the following to the “Manure Sampling and Testing” section:**

**MANURE SAMPLING AND TESTING:** Mr. Example took the manure samples. (Name of soil testing lab) analyzed the samples on (date). Because this operation has fewer than 20 animal units, average nutrient composition data may be used for plan development in the future in lieu of an actual manure analysis.

**For use henceforth when average composition data were used for plan development:**

**MANURE SAMPLING AND TESTING:** Because this operation has fewer than 20 animal units, average nutrient composition data were used for plan.

**When insufficient manure is produced to cover an entire field, add the following sentence to the “Manure Management” section:**

If there is insufficient manure to cover the entire field/pasture, manure applications in subsequent years should pick up where the previous application left off, with the goal of applying to the field uniformly over time.

**When a plan is written that includes perennial fruit crops, include the following section about Tissue Testing:**

**TISSUE TESTING:** Tissue analyses were collected by Mr. Example and were analyzed by (Name of soil testing lab) on (date). Tissue analyses are good for three years and coordination of tissue and soil analyses is strongly encouraged.

Add the following table if multiple blocks/cultivars were tested:

This table describes the tissue test dates by block and cultivar for this operation:

|  |  |  |
| --- | --- | --- |
| **Block** | **Cultivar** | **Tissue Test Date** |
|  |  |  |
|  |  |  |
|  |  |  |

**When a farmer plans to apply an organic nutrient source to a fall-seeded crop for organic utilization, include the following section:**

**FALL MANURE APPLICATION:** Recommendations for fall manure application are included in this plan. If manure is applied to any fields, a fall-seeded crop must be planted. For fields where manure recommendations have been made to fall cover crops, the maximum rate of manure that can be applied is a rate that provides 50lbs/PAN/ac.

**For farmers who operate three or more tracts and grow agronomic crops, include the follow section along with NuMan Summary printouts:**

**SUMMARY OF RECOMMENDATIONS:** The Maryland Department of Agriculture states “Any soil test FIV’s for phosphorus or potassium with the same rating (example: low, medium, optimum) can be managed at one rate. The rate should not exceed the highest recommended rate given in your nutrient management plan for that crop in that soil test range.” The following summaries are provided: Lime, High Magnesium Lime\Magnesium, P2O5 and K2O. **Note: Recommendations do take into account nutrients applied through the use of animal manures.**

**Lime Summary**: Prints the fields in NuMan that received Lime recommendations, sorted from the lowest to highest lime recommendation rate in T/A. You will be able to group fields based on similar lime recommendations, applying the lowest rate within the group.

**Mg Summary**: Prints only fields with a Mg-FIV within the low category, as these are the only fields that receive Mg recommendations in FIVs of 14 or higher receive a recommendation of 15 lbs Mg/A, and fields below 14 receive a recommendation of 30 lbs Mg/A.

The lime recommendations are also included, since the usual recommendation for Mg is to apply Dolomitic (High Mag) lime. Therefore, for the fields on this report where lime is recommended, the Mg should be supplied by the Dolomitic lime. For this reason, the fields on this report are also sorted by the lime recommendations, since they will be much more common than Mg fertilizer recommendations. You will be able to group the fields in the same way as on the Lime summary.

**P2O5 & K2O Summaries**: group and print the fields by crop and FIV rating. The summary table at the bottom of the fields for a given crop gives the min, max, and average recommendation rates within each FIV range, and the total fertilizer needed for those fields.

See further clarification under the “Regulations” section of this plan.