**Nutrient Management Plan Checklist\***

(CAFO Operations Using Manure/Organic Nutrient Sources and/or Chemical Fertilizer)

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| **Section** | **Check**  **(✓)** |
| **Plan Introduction** |  |
| Cover Sheet  *\*\*Consult most recent ANMP cover sheet template and include all relevant info* |  |
| Plan Update Requirements *(included in ANMP cover sheet template)* |  |
| [Nutrient Application Setbacks from Surface Water](https://extension.umd.edu/sites/default/files/_docs/programs/anmp/Nutrient%20Application%20Setback%20Requirements.docx) *(MDA form)* |  |
| Current Nutrient Management Plan Certification *(MDA form)* |  |
| Maryland Setback Standards and Approved Alternatives Consistent with CAFO/MAFO Requirements |  |
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| **Map and Field Info** |  |
| Farm map(s), including farm (property) boundary, field boundaries, field acreage, location (address or road), and streams/ponds/surface water |  |
| Field Information Sheets *(NuMan Pro printout)* |  |
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| **Soil Test Data** |  |
| Soil test results *(from laboratory)* |  |
| Soil test conversion sheet to Maryland FIV *(NuMan Pro printout)* |  |
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| **Manure/Organic Nutrient Source Information** (if applicable) |  |
| Manure/organic nutrient source nutrient analysis *(from lab or product label)* |  |
| Manure quantity estimate worksheet(s) *(spreadsheet or NuMan Pro printout)* |  |
| Manure utilization and allocation worksheet(s) *(spreadsheet or NuMan Pro printout)* |  |
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| **Nutrient Recommendations** |  |
| Fertilizer recommendations *(NuMan Pro printout)* |  |
| Manure/organic nutrient source recommendations *(NuMan Pro printout, if applicable)* |  |
| Crop notes *(NuMan Pro printout)* |  |
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| **Phosphorus Management Tool** (if applicable) |  |
| Phosphorus Management Tool (PMT) report *(NuMan Pro printout)* |  |
| Rotation schedule (all fields with Low or Med PMT ratings) *(NuMan Pro printout)* |  |
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| **Supplemental Information** |  |
| **Nutrient Application Requirements** |  |
| Nutrient Application Requirements *(MDA – August 2016)*  *\*\*Note: Include label on stockpiling section (“Refer to the General Discharge Permit for Animal Feeding Operations Part IV(B)(6)(b) for information on stockpiling manure”)* |  |
| **Recordkeeping, Application Variances, and Inspection (MDA)** (include those that apply to the operation) |  |
| Agricultural Operation Record Keeping Requirements |  |
| Field-by-field Nutrient Application Record Form |  |
| Field-by-field Nutrient Application Record Form Definitions |  |
| Forage Yield Calculation Sheet (if applicable) |  |
| Grain Yield Calculation Sheet (if applicable) |  |
| Variance for Commercial Fertilizer Nutrient Application |  |
| Variance for Animal Manure Nutrient Application (if applicable) |  |
| Plan Implementation Review Process for Operators |  |
| Poultry Litter Removal Data Collection Sheet |  |
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| **General Nutrient Management Information** |  |
| General Principles of Nutrient Management |  |
| Farming with Your Nutrient Management Plan *(MDA – November 2021)* |  |
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| **Manure Spreader Calibration** (include as applicable) |  |
| EC-1: Calibration of Manure Spreaders |  |
| EC-2: Calibration of a Manure Spreader Using the Weight-Area Method |  |
| EC-3: Calibration of a Liquid Manure Spreader Using the Load-Area Method |  |
| EC-4: Calibration of a Manure Spreader Using the Load-Area Method (with drive-on scales) |  |
| EC-5: Calibration of a Manure Spreader Using the Load-Area Method (with Estimation of Density and Load Weight) |  |
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| **Soil Tests** |  |
| Soil Test Levels (FIVs), Soil Test Category and Yield Response |  |
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| **Food Safety** (if applicable) |  |
| Soil Amendments Overview |  |
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| **Less Common Plan Components** (only include if applicable) |  |
| Using Manure on Operator’s Home Garden |  |
| Nutrient recommendations for perennial fruit crops based on tissue analyses |  |
| Plant tissue analyses |  |
| Pastured poultry litter quantity estimation (for integrated organic poultry production only) |  |
| Supplemental Cover Sheet Sections |  |

\*Plan components do not need to follow this exact order. Nutrient Management Plan organization can be adjusted as necessary to provide the most useful plan based on complexity or grower preference.