**Field History Data Collection Sheet – Nutrient Management Spear Program – Soil Testing 2025**

Department of Animal Science, Cornell University

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| Your name:  Soil series: | |  | | | | | | | Expected P level**\*** | | | | | Low to medium  Optimum  High  Very high (40-80)  Very high (>80) | | | | | | | |
|  | | | | | | | Sampling Date: | | | | |  | | | | | | | |
| ***\*****Low to medium P (<9 lbs/acre), optimum P (9-19 lbs P/acre), high P (20-39 lbs P/acre), Very high P (40-80 lbs P/acre), Very high (>80 lbs P/acre)* | | | | | | | | | | | | | | | | | | | | | |
| Questions? Quirine Ketterings ([qmk2@cornell.edu](mailto:qmk2@cornell.edu), 607-255-3061) | | | | | | | | | | | | | | | | | | | | | |
| **2024 Field History** | | | | | | | | | | | | | | | | | | | | | |
| 1. GPS coordinates of the sampled field | | | | |  | | | | | |  | | 1. Field size | | | | | |  | | |
| 1. County | | | | |  | | | | | |  | | 1. Double crops in rotation (Y/N) | | | | | |  | | |
| 1. Tile drainage (Y/N) | | | | |  | | | | | |  | |  | | | | | |  | | |
| 1. **2022-2025 Field History** | | | | | | | | | | | | | | | | | | | | | |
| **Year** | **Crop(s) and hybrids** | | **If present, % of legumes in the field** | | | **Estimated crop yield** | | | | | | **Tillage equipment** (disc, chisel plow, etc.) | | | **Cover crop / Double crop** | | | | | **Additional relevant field information** | |
| **Wet ton/acre** | | **% Moisture** | | | | **Species** | | **Biomass yield (ton/acre)** | | |
| 2025 |  | |  | | |  | |  | | | |  | | |  | |  | | |  | |
| 2024 |  | |  | | |  | |  | | | |  | | |  | |  | | |  | |
| 2023 |  | |  | | |  | |  | | | |  | | |  | |  | | |  | |
| 2022 |  | |  | | |  | |  | | | |  | | |  | |  | | |  | |
| 1. **Field’s manure application history** | | | | | | | | | | | | | | | | | | | | | |
| **Manure characteristics** | | | | **2025** | | | **2024** | | | | | | | **2023** | | | | **2022** | | | |
| **Spring** | | | **Spring** | | | **Fall** | | | | **Spring** | | **Fall** | | **Spring** | | | **Fall** |
| Application rate  gal/acre  ton/acre | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| Application date | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| Animal types (heifers, lactating cows, etc.) | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| Manure type (liquid, solid, composted, digested, etc.) | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| Bedding type (sand, etc.) | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| If incorporated, how many days after application? | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| Incorporation equipment (moldboard plow, chisel plow, disc, etc.) | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| 1. **Manure analysis** for the manure applications listed above(please select the measurements that match your manure laboratory analysis’ units). Percentages are “as received (wet basis).” If it is easier to include actual manure analyses reports, please do so. | | | | | | | | | | | | | | | | | | | | | |
| **Laboratory:**  Brookside Laboratories  Dairy-One  Spectrum  Other: | | | | **2025** | | | **2024** | | | | | | | **2023** | | | | **2022** | | | |
| **Spring** | | | **Spring** | | | **Fall** | | | | **Spring** | | **Fall** | | **Spring** | | | **Fall** |
| *Density (if given):*  kg/l  lb/gal | | | |  | | |  | | |  | | | |  | |  | |  | | |  |
| *Solid or Moisture content:*  Total solids  Moisture | | | | %\* | | | %\* | | | %\* | | | | %\* | | %\* | | %\* | | | %\* |
| *Total Nitrogen (N):* | | | | %\* | | | %\* | | | %\* | | | | %\* | | %\* | | %\* | | | %\* |
| *Ammonium Nitrogen (NH4-N):* | | | | %\* | | | %\* | | | %\* | | | | %\* | | %\* | | %\* | | | %\* |
| *Organic-Nitrogen* | | | | %\* | | | %\* | | | %\* | | | | %\* | | %\* | | %\* | | | %\* |
| *Phosphorus*  Phosphorus equivalent (P2O5)  Phosphorus (P) | | | | %\* | | | %\* | | | %\* | | | | %\* | | %\* | | %\* | | | %\* |
| *Potassium*  Potash equivalent (K2O)  Potassium (K) | | | | %\* | | | %\* | | | %\* | | | | %\* | | %\* | | %\* | | | %\* |
| *Sulfur (S):* | | | | %\* | | | %\* | | | %\* | | | | %\* | | %\* | | %\* | | | %\* |

\* Percentage as received (wet basis).

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| Additional field information of relevance: |

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