

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

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|              |  |                   |  |  |                               |
|--------------|--|-------------------|--|--|-------------------------------|
| Your name:   |  | Expected P level* | <input type="checkbox"/> Low to medium     | <input type="checkbox"/> Optimum         | <input type="checkbox"/> High |
|              |  |                   | <input type="checkbox"/> Very high (40-80) | <input type="checkbox"/> Very high (>80) |                               |
| Soil series: |  | 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 ([gmk2@cornell.edu](mailto:gmk2@cornell.edu), 607-255-3061)

| 2024 Field History  |                     |                                       |                      |            |   |                          |                          |                                       |
|---|---------------------|---------------------------------------|----------------------|------------|---|--------------------------|--------------------------|---------------------------------------|
| 1) GPS coordinates of the sampled field   |                     |                                       |                      |            | 2) Field size                               |                          |                          |                                       |
| 3) County   |                     |                                       |                      |            | 4) Double crops in rotation (Y/N)           |                          |                          |                                       |
| 5) Tile drainage (Y/N)  |                     |                                       |                      |            |   |                          |                          |                                       |
| 6) 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  |                     |                                       |                      |            |   |                          |                          |                                       |
| 7) Field's manure application history   |                     |                                       |                      |            |   |                          |                          |                                       |
| Manure characteristics  | 2025                | 2024                                  |                      | 2023       |   | 2022                     |                          |                                       |
|   | Spring              | Spring                                | Fall                 | Spring     | Fall  | Spring                   | Fall                     |                                       |
| Application rate<br><input type="checkbox"/> gal/acre <input type="checkbox"/> 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.)                       |                     |                                       |                      |            |   |                          |                          |                                       |

**8) 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.

| <b>Laboratory:</b>  | <b>2025</b>   | <b>2024</b>   |             | <b>2023</b>   |             | <b>2022</b>   |             |
|---|---------------|---------------|-------------|---------------|-------------|---------------|-------------|
|   | <b>Spring</b> | <b>Spring</b> | <b>Fall</b> | <b>Spring</b> | <b>Fall</b> | <b>Spring</b> | <b>Fall</b> |
| <u>Density (if given):</u><br><input type="checkbox"/> kg/l <input type="checkbox"/> lb/gal   |               |               |             |               |             |               |             |
| <u>Solid or Moisture content:</u><br><input type="checkbox"/> Total solids<br><input type="checkbox"/> Moisture                                 | %*            | %*            | %*          | %*            | %*          | %*            | %*          |
| <u>Total Nitrogen (N):</u>  | %*            | %*            | %*          | %*            | %*          | %*            | %*          |
| <u>Ammonium Nitrogen (NH<sub>4</sub>-N):</u>  | %*            | %*            | %*          | %*            | %*          | %*            | %*          |
| <u>Organic-Nitrogen</u>   | %*            | %*            | %*          | %*            | %*          | %*            | %*          |
| <u>Phosphorus</u><br><input type="checkbox"/> Phosphorus equivalent (P <sub>2</sub> O <sub>5</sub> )<br><input type="checkbox"/> Phosphorus (P) | %*            | %*            | %*          | %*            | %*          | %*            | %*          |
| <u>Potassium</u><br><input type="checkbox"/> Potash equivalent (K <sub>2</sub> O)<br><input type="checkbox"/> Potassium (K)                     | %*            | %*            | %*          | %*            | %*          | %*            | %*          |
| <u>Sulfur (S):</u>  | %*            | %*            | %*          | %*            | %*          | %*            | %*          |

\* Percentage as received (wet basis).

Additional field information of relevance: