

Tract #  Field #  Facility Number  -   
 Field size (acres) (A) =   
 (Field size must exclude required buffers & setbacks) Farm Owner

Field PLAT rating =  Recommended PAN =  (lb/acre)  
 Crop Type  Fertilizer Nitrogen =  (lb/acre)  
 Fertilizer App. Date =   
 Residual Nitrogen =  (lb/acre)  
 PAN Loading (B) =  (lb/acre) **0.0**

**A. Nitrogen Balance** (complete for all applications)

| (1)  | (2)                         | (3)                         | (4)                             | (5)                                      |            |
|------|-----------------------------|-----------------------------|---------------------------------|------------------------------------------|------------|
| Date | Weight per Acre (tons/acre) | Waste Analysis PAN (lb/ton) | PAN Applied (lb/acre) (2) x (3) | Nitrogen Balance (lb/acre) (B) - (4)**** |            |
|      |                             |                             |                                 | B=                                       | <b>0.0</b> |
|      |                             |                             |                                 |                                          |            |
|      |                             |                             |                                 |                                          |            |
|      |                             |                             |                                 |                                          |            |
|      |                             |                             |                                 |                                          |            |
|      |                             |                             |                                 |                                          |            |
|      |                             |                             |                                 |                                          |            |
|      |                             |                             |                                 |                                          |            |

\*\*\*\* Continue subtracting column (4) from column (5) after each application event to calculate nitrogen balance.

**B. Phosphorus Balance**

- 1. must complete columns 1 - 7 for all applications
- 2. must balance column 8 for "high" rated fields

Recommended P<sub>2</sub>O<sub>5</sub> =  (lb/acre)  
 Fertilizer P<sub>2</sub>O<sub>5</sub> =  (lb/acre)  
 Fertilizer App. Date =   
 P<sub>2</sub>O<sub>5</sub> Loading (C) =  (lb/acre) **0.0**

| (1)             | (2)                         | (3)                                                   | (4**)              | (5***)   | (6)                                                                      | (7)                                                               | (8)                                                   |            |
|-----------------|-----------------------------|-------------------------------------------------------|--------------------|----------|--------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|------------|
| Date (mm/dd/yr) | Weight per Acre (tons/acre) | Waste Analysis P <sub>2</sub> O <sub>5</sub> (lb/ton) | Application Method | P Factor | Adjusted Waste Analysis P <sub>2</sub> O <sub>5</sub> (lb/ton) (3) / (5) | P <sub>2</sub> O <sub>5</sub> Applied Applied (lb/acre) (2) x (6) | P <sub>2</sub> O <sub>5</sub> (lb/acre) (C) - (7)**** |            |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   | C=                                                    | <b>0.0</b> |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   |                                                       |            |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   |                                                       |            |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   |                                                       |            |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   |                                                       |            |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   |                                                       |            |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   |                                                       |            |
|                 |                             |                                                       |                    |          |                                                                          |                                                                   |                                                       |            |

\*\* Application methods are SI = soil incorporated (disked) & BR = broadcast (surface applied).  
 \*\*\* P Factor is the phosphorus availability coefficient based on application method with SI = 0.75 and BR = 0.70.  
 \*\*\*\* Continue subtracting column (7) from column (8) after each application event to calculate phosphorus balance.

Owner's Signature: \_\_\_\_\_

Spreader Operator's Signature: \_\_\_\_\_

