

# 2013 Applications and Methods

Plan Year: 2013

Field Name: MCCF01 - North 160, 143.1 acres

Field Owner:

Planted Crops: Corn,IL-1.2 Yield Potential: 190 bu/ac, tons/acre, or AUMs/ac

Soil Test Date: 1/1/2007

Lab: Netmapping Riverland

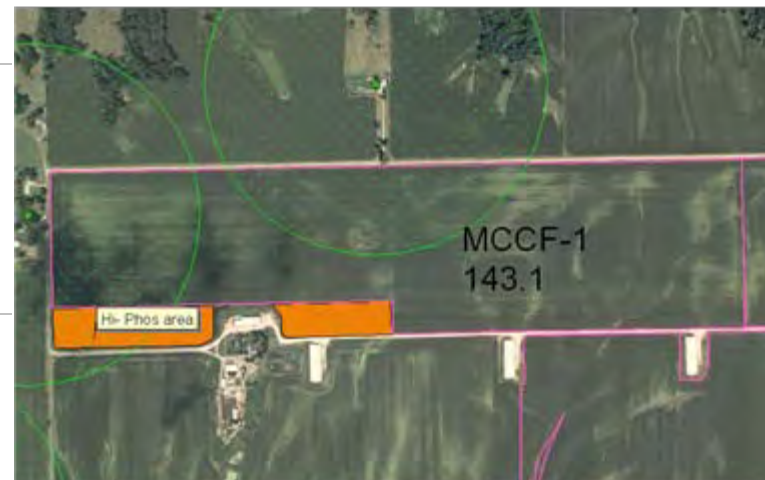
Sampler:

Average P: 81 lbs/acre

Average K: 532 lbs/acre

Average Soil pH: 6.5 pH-water

Setback Area: 0 acres



Setback and land treatment practices:

## Target Pests:

Weeds: Not Available

Insects: Not Available

Disease: Not Available

Manure, Commercial Fertilizer and Pesticide applications on MCCF01 - North 160

| Application Date                         | Acres Applied | Product Source             | Analysis N:P:K | Form         | Application Method | Rate / acre Gallons, Lbs, or Tons | Actual Units (lbs) applied per acre |      |     |            |       |
|--|---------------|----------------------------|----------------|--------------|--------------------|-----------------------------------|-------------------------------------|------|-----|------------|-------|
|  |               |                            |                |              |                    |                                   | N                                   | P2O5 | K2O | Lime CaCO3 | Other |
| Legume Credits from prior years crop     |               |                            |                |              |                    |                                   | 0                                   |      |     |            |       |
| Nitrogen Credits from prior years manure |               |                            |                |              |                    |                                   | 28                                  |      |     |            |       |
| Applied to spreadable area only.         |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
| 11/1/2012                                | 143.1         | W-F 3                      |                |              | Knifed In- Fall    | 6,000.0 Gallons                   | 103                                 | 73   | 131 |            |       |
| 5/1/2013                                 | 143.1         | UAN, Urea-Ammonium nitrate | 32:0:0         | liquid-spray |                    | 275.0 Lbs.                        | 78                                  | 0    | 0   |            |       |
|  |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
|  |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
|  |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
| Field Setback Total lbs/acre:            |               |                            |                |              |                    |                                   | 0                                   | 0    | 0   |            |       |
| Field Spreadable Total lbs/acre:         |               |                            |                |              |                    |                                   | 209                                 | 73   | 131 |            |       |

# 2013 Applications and Methods

**Plan Year:** 2013

**Field Name:** MCCF06M - East of Pond-Middle, 259.2 acres

**Field Owner:** Marlene McChesney

**Planted Crops:** Corn, IL-1.2 Yield Potential: 180 bu/ac, tons/acre, or AUMs/ac

**Soil Test Date:** 1/1/2007

**Lab:** Netmapping Riverland

**Sampler:**

**Average P:** 50 lbs/acre

**Average K:** 519 lbs/acre

**Average Soil pH:** 6 pH-water

**Setback Area:** 14.2 acres

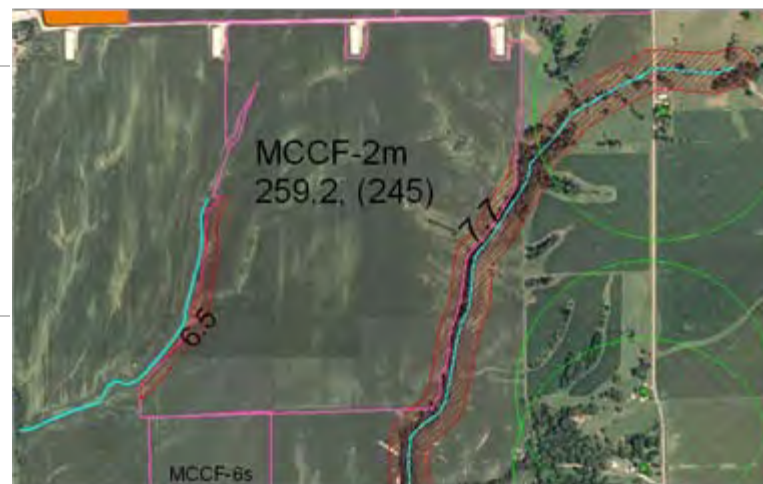
Setback and land treatment practices:

## Target Pests:

Weeds: Not Available

Insects: Not Available

Disease: Not Available



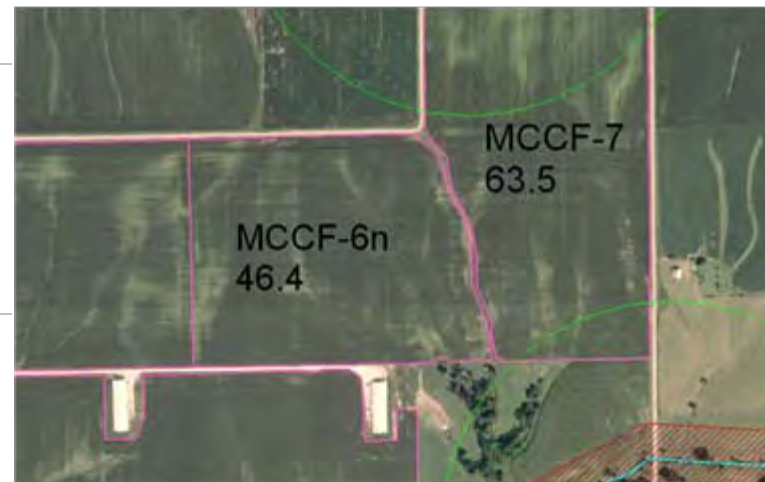
## Manure, Commercial Fertilizer and Pesticide applications on MCCF06M - East of Pond-Middle

| Application Date                         | Acres Applied | Product Source             | Analysis N:P:K | Form          | Application Method | Rate / acre Gallons, Lbs, or Tons | Actual Units (lbs) applied per acre |      |     |            |       |
|--|---------------|----------------------------|----------------|---------------|--------------------|-----------------------------------|-------------------------------------|------|-----|------------|-------|
|  |               |                            |                |               |                    |                                   | N                                   | P2O5 | K2O | Lime CaCO3 | Other |
| Legume Credits from prior years crop     |               |                            |                |               |                    |                                   | 0                                   |      |     |            |       |
| Nitrogen Credits from prior years manure |               |                            |                |               |                    |                                   | 27                                  |      |     |            |       |
| Applied to spreadable area only.         |               |                            |                |               |                    |                                   |                                     |      |     |            |       |
| 11/1/2012                                | 122.5         | W-F 1                      |                |               | Knifed In- Fall    | 6,000.0 Gallons                   | 116                                 | 73   | 131 |            |       |
| 5/1/2013                                 | 245.0         | UAN, Urea-Ammonium nitrate | 32:0:0         | liquid-spray  |                    | 200.0 Lbs.                        | 64                                  | 0    | 0   |            |       |
| 11/1/2012                                | 122.5         | W-F 2                      |                |               | Knifed In- Fall    | 6,000.0 Gallons                   | 116                                 | 73   | 131 |            |       |
| Applied to setback area only.            |               |                            |                |               |                    |                                   |                                     |      |     |            |       |
| 4/1/2013                                 | 14.2          | AA, Anhydrous              | 82:0:0         | gas, injected |                    | 220.0 Lbs.                        | 180                                 | 0    | 0   |            |       |
|  |               |                            |                |               |                    |                                   |                                     |      |     |            |       |
|  |               |                            |                |               |                    |                                   |                                     |      |     |            |       |
|  |               |                            |                |               |                    |                                   |                                     |      |     |            |       |
| Field Setback Total lbs/acre:            |               |                            |                |               |                    |                                   | 180                                 | 0    | 0   |            |       |
| Field Spreadable Total lbs/acre:         |               |                            |                |               |                    |                                   | 207                                 | 145  | 263 |            |       |

# 2013 Applications and Methods

**Plan Year:** 2013  
**Field Name:** MCCF06N - East of Pond-North, 46.4 acres  
**Field Owner:** Marlene McChesney

**Planted Crops:** Corn,IL-1.2 Yield Potential: 180 bu/ac, tons/acre, or AUMs/ac  
**Soil Test Date:** 1/1/2007 **Lab:** Netmapping Riverland **Sampler:**  
**Average P:** 37 lbs/acre  
**Average K:** 409 lbs/acre  
**Average Soil pH:** 6.3 pH-water  
**Setback Area:** 0 acres



Setback and land treatment practices:

## Target Pests:

Weeds: Not Available

Insects: Not Available

Disease: Not Available

Manure, Commercial Fertilizer and Pesticide applications on MCCF06N - East of Pond-North

| Application Date                         | Acres Applied | Product Source             | Analysis N:P:K | Form         | Application Method | Rate / acre Gallons, Lbs, or Tons | Actual Units (lbs) applied per acre |      |     |            |       |
|--|---------------|----------------------------|----------------|--------------|--------------------|-----------------------------------|-------------------------------------|------|-----|------------|-------|
|  |               |                            |                |              |                    |                                   | N                                   | P2O5 | K2O | Lime CaCO3 | Other |
| Legume Credits from prior years crop     |               |                            |                |              |                    |                                   | 0                                   |      |     |            |       |
| Nitrogen Credits from prior years manure |               |                            |                |              |                    |                                   | 31                                  |      |     |            |       |
| Applied to spreadable area only.         |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
| 11/1/2012                                | 46.4          | W-F 4                      |                |              | Knifed In- Fall    | 6,000.0 Gallons                   | 116                                 | 73   | 131 |            |       |
| 5/1/2013                                 | 46.4          | UAN, Urea-Ammonium nitrate | 32:0:0         | liquid-spray |                    | 200.0 Lbs.                        | 64                                  | 0    | 0   |            |       |
|  |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
|  |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
|  |               |                            |                |              |                    |                                   |                                     |      |     |            |       |
| Field Setback Total lbs/acre:            |               |                            |                |              |                    |                                   | 0                                   | 0    | 0   |            |       |
| Field Spreadable Total lbs/acre:         |               |                            |                |              |                    |                                   | 211                                 | 73   | 131 |            |       |

# 2013 Applications and Methods

**Plan Year:** 2013

**Field Name:** MCCF06S - East of Pond-South, 55 acres

**Field Owner:** Marlene McChesney

**Planted Crops:** Corn,IL-1.2 Yield Potential: 180 bu/ac, tons/acre, or AUMs/ac

**Soil Test Date:** 1/1/2007

**Lab:** Netmapping Riverland

**Sampler:**

**Average P:** 49 lbs/acre

**Average K:** 350 lbs/acre

**Average Soil pH:** 6.4 pH-water

**Setback Area:** 0 acres



Setback and land treatment practices:

## Target Pests:

Weeds: Not Available

Insects: Not Available

Disease: Not Available

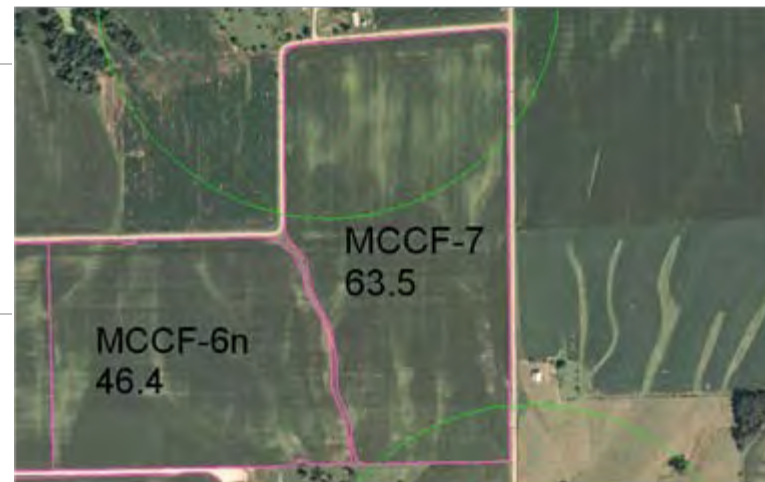
## Manure, Commercial Fertilizer and Pesticide applications on MCCF06S - East of Pond-South

| Application Date                         | Acres Applied | Product Source           | Analysis N:P:K | Form                                    | Application Method | Rate / acre Gallons, Lbs, or Tons | Actual Units (lbs) applied per acre |      |     |            |       |
|--|---------------|--------------------------|----------------|---|--------------------|-----------------------------------|-------------------------------------|------|-----|------------|-------|
|  |               |                          |                |   |                    |                                   | N                                   | P2O5 | K2O | Lime CaCO3 | Other |
| Legume Credits from prior years crop     |               |                          |                |   |                    |                                   | 0                                   |      |     |            |       |
| Nitrogen Credits from prior years manure |               |                          |                |   |                    |                                   | 0                                   |      |     |            |       |
| Applied to spreadable area only.         |               |                          |                |   |                    |                                   |                                     |      |     |            |       |
| 4/1/2013                                 | 55.0          | AA, Anhydrous            | 82:0:0         | gas, injected                           |                    | 220.0 Lbs.                        | 180                                 | 0    | 0   |            |       |
| 11/15/2012                               | 55.0          | DAP-di-AmmoniumPhosphate | 18:46:0        | VRT@ ave-rate; granular-surface applied |                    | 150.0 Lbs.                        | 27                                  | 69   | 0   |            |       |
|  |               |                          |                |   |                    |                                   |                                     |      |     |            |       |
|  |               |                          |                |   |                    |                                   |                                     |      |     |            |       |
|  |               |                          |                |   |                    |                                   |                                     |      |     |            |       |
| Field Setback Total lbs/acre:            |               |                          |                |   |                    |                                   | 0                                   | 0    | 0   |            |       |
| Field Spreadable Total lbs/acre:         |               |                          |                |   |                    |                                   | 207                                 | 69   | 0   |            |       |

# 2013 Applications and Methods

**Plan Year:** 2013  
**Field Name:** MCCF07 - Holfords, 63.5 acres  
**Field Owner:** Marlene McChesney

**Planted Crops:** Corn,IL-1.2 Yield Potential: 190 bu/ac, tons/acre, or AUMs/ac  
**Soil Test Date:** 1/1/2007 **Lab:** Netmapping Riverland **Sampler:**  
**Average P:** 49 lbs/acre  
**Average K:** 358 lbs/acre  
**Average Soil pH:** 6.6 pH-water  
**Setback Area:** 0 acres



Setback and land treatment practices:

## Target Pests:

Weeds: Not Available

Insects: Not Available

Disease: Not Available

Manure, Commercial Fertilizer and Pesticide applications on MCCF07 - Holfords

| Application Date                         | Acres Applied | Product Source                | Analysis N:P:K | Form         | Application Method | Rate / acre<br>Gallons, Lbs, or<br>Tons | Actual Units (lbs) applied per acre |      |     |               |       |
|--|---------------|-------------------------------|----------------|--------------|--------------------|---|-------------------------------------|------|-----|---------------|-------|
|  |               |                               |                |              |                    |   | N                                   | P2O5 | K2O | Lime<br>CaCO3 | Other |
| Legume Credits from prior years crop     |               |                               |                |              |                    |   | 0                                   |      |     |               |       |
| Nitrogen Credits from prior years manure |               |                               |                |              |                    |   | 31                                  |      |     |               |       |
| Applied to spreadable area only.         |               |                               |                |              |                    |   |                                     |      |     |               |       |
| 5/1/2013                                 | 63.5          | UAN, Urea-Ammonium<br>nitrate | 32:0:0         | liquid-spray |                    | 200.0 Lbs.                              | 64                                  | 0    | 0   |               |       |
| 11/1/2012                                | 63.5          | W-F 4                         |                |              | Knifed In- Fall    | 6,000.0 Gallons                         | 116                                 | 73   | 131 |               |       |
|  |               |                               |                |              |                    |   |                                     |      |     |               |       |
|  |               |                               |                |              |                    |   |                                     |      |     |               |       |
|  |               |                               |                |              |                    |   |                                     |      |     |               |       |
|  |               |                               |                |              |                    |   |                                     |      |     |               |       |
| Field Setback Total lbs/acre:            |               |                               |                |              |                    |   | 0                                   | 0    | 0   |               |       |
| Field Spreadable Total lbs/acre:         |               |                               |                |              |                    |   | 211                                 | 73   | 131 |               |       |