



### Soil Test Sampling Map

**Meece Bros. Farms**

**Area:** 154.11

**Farm:** Meece Brothers

**Sample Date:** Oct 16, 2018

**Field:** ST JOE #2

**Lab Name:** GSM



**Location:**

**County:** Champaign, IL

**Township:**

**Twp Rng Sec:** TST JOSEPH R S12

**Summary Statistics**

**Layer Name:** Current Test Results

**Sample Count:** 47

**LayerID:** 229529H451a

**Notes:**



## Soil Test Summary

**Meece Bros. Farms**

**Farm:** Meece Brothers

**Field:** ST JOE #2

**Area:** 154.11

**Sample Date:** Oct 16, 2018

**Lab Name:** GSM

| SampleID | PHW  | P1                | K                 | OM   | CA                | MG                | CEC      | PERK    | PERCA   | PERMG   |
|----------|------|-------------------|-------------------|------|-------------------|-------------------|----------|---------|---------|---------|
| none     | none | lbs per acre (st) | lbs per acre (st) | none | lbs per acre (st) | lbs per acre (st) | meq/100g | percent | percent | percent |
| 1        | 5.7  | 36                | 398               | 2.8  | 3,621             | 529               | 15.9     | 3.3     | 57.0    | 13.9    |
| 2        | 5.8  | 37                | 362               | 2.4  | 2,957             | 486               | 13.0     | 3.6     | 56.9    | 15.6    |
| 3        | 6.0  | 82                | 436               | 3.6  | 5,469             | 760               | 21.7     | 2.6     | 63.1    | 14.6    |
| 4        | 5.9  | 50                | 433               | 3.5  | 5,483             | 745               | 22.3     | 2.5     | 61.5    | 14.0    |
| 5        | 5.9  | 87                | 392               | 3.7  | 5,137             | 648               | 20.6     | 2.5     | 62.4    | 13.2    |
| 6        | 6.0  | 42                | 403               | 3.4  | 3,994             | 487               | 15.7     | 3.3     | 63.6    | 13.0    |
| 7        | 6.5  | 43                | 317               | 3.6  | 5,241             | 632               | 17.9     | 2.3     | 73.2    | 14.8    |
| 8        | 6.2  | 51                | 493               | 3.5  | 4,475             | 600               | 17.0     | 3.8     | 65.9    | 14.8    |
| 9        | 6.3  | 42                | 426               | 3.3  | 4,555             | 628               | 16.9     | 3.3     | 67.4    | 15.5    |
| 10       | 6.2  | 42                | 460               | 3.6  | 5,241             | 655               | 19.5     | 3.1     | 67.2    | 14.0    |
| 11       | 6.3  | 37                | 331               | 3.4  | 5,653             | 805               | 20.8     | 2.1     | 68.0    | 16.2    |
| 12       | 6.4  | 42                | 375               | 3.4  | 5,897             | 719               | 20.7     | 2.4     | 71.3    | 14.5    |
| 13       | 6.6  | 74                | 411               | 3.6  | 8,026             | 1,083             | 27.3     | 2.0     | 73.5    | 16.6    |
| 14       | 6.1  | 50                | 359               | 3.5  | 4,375             | 550               | 16.7     | 2.8     | 65.5    | 13.8    |
| 15       | 6.0  | 83                | 481               | 3.5  | 5,083             | 643               | 20.0     | 3.1     | 63.6    | 13.4    |
| 16       | 5.6  | 64                | 506               | 3.3  | 3,400             | 429               | 15.2     | 4.3     | 56.0    | 11.8    |
| 17       | 5.7  | 49                | 406               | 2.6  | 3,589             | 518               | 15.7     | 3.4     | 57.2    | 13.8    |
| 18       | 6.1  | 62                | 409               | 3.5  | 5,539             | 819               | 21.7     | 2.5     | 63.9    | 15.8    |
| 19       | 6.6  | 55                | 344               | 3.4  | 5,638             | 611               | 18.6     | 2.4     | 75.8    | 13.7    |
| 20       | 6.5  | 59                | 303               | 3.6  | 4,950             | 536               | 16.7     | 2.4     | 74.2    | 13.4    |
| 21       | 6.5  | 43                | 277               | 2.6  | 3,482             | 426               | 12.0     | 3.0     | 72.6    | 14.8    |
| 22       | 6.3  | 52                | 366               | 2.8  | 5,349             | 782               | 19.9     | 2.4     | 67.2    | 16.4    |
| 23       | 6.5  | 61                | 400               | 3.5  | 5,077             | 565               | 17.3     | 3.0     | 73.4    | 13.7    |
| 24       | 6.6  | 36                | 432               | 3.6  | 6,003             | 813               | 20.6     | 2.7     | 72.9    | 16.5    |
| 25       | 5.8  | 104               | 404               | 3.6  | 6,260             | 1,061             | 27.1     | 2.0     | 57.8    | 16.4    |
| 26       | 5.9  | 80                | 354               | 3.4  | 3,964             | 525               | 16.1     | 2.9     | 61.6    | 13.6    |
| 27       | 5.6  | 71                | 450               | 3.0  | 4,896             | 966               | 23.4     | 2.5     | 52.4    | 17.3    |
| 28       | 6.1  | 51                | 309               | 3.5  | 5,396             | 816               | 21.1     | 1.9     | 64.0    | 16.2    |
| 29       | 5.9  | 94                | 452               | 3.5  | 5,623             | 686               | 22.4     | 2.6     | 62.8    | 12.8    |
| 30       | 5.6  | 55                | 355               | 3.3  | 3,586             | 491               | 15.9     | 2.9     | 56.4    | 12.9    |
| 31       | 6.1  | 88                | 441               | 3.6  | 5,404             | 774               | 21.1     | 2.7     | 64.1    | 15.3    |
| 32       | 5.9  | 59                | 363               | 3.4  | 3,794             | 464               | 15.2     | 3.1     | 62.5    | 12.8    |
| 33       | 6.3  | 112               | 400               | 3.5  | 5,086             | 647               | 18.5     | 2.8     | 68.8    | 14.6    |
| 34       | 5.3  | 105               | 390               | 3.4  | 2,759             | 413               | 13.8     | 3.7     | 50.0    | 12.5    |
| 35       | 5.7  | 97                | 299               | 3.6  | 3,677             | 423               | 15.3     | 2.6     | 60.1    | 11.6    |
| 36       | 6.3  | 59                | 339               | 3.6  | 8,051             | 1,186             | 29.7     | 1.5     | 67.8    | 16.7    |
| 37       | 6.3  | 37                | 254               | 2.4  | 3,522             | 426               | 12.7     | 2.6     | 69.4    | 14.0    |
| 38       | 6.4  | 70                | 686               | 2.8  | 3,431             | 294               | 12.1     | 7.3     | 70.9    | 10.2    |
| 39       | 5.6  | 69                | 382               | 2.7  | 3,525             | 384               | 15.1     | 3.3     | 58.4    | 10.6    |
| 40       | 5.8  | 85                | 391               | 3.5  | 4,977             | 613               | 20.4     | 2.5     | 61.0    | 12.6    |
| 41       | 5.7  | 42                | 263               | 3.4  | 3,574             | 415               | 14.9     | 2.3     | 60.0    | 11.7    |
| 42       | 5.9  | 33                | 354               | 3.4  | 3,885             | 621               | 16.4     | 2.8     | 59.3    | 15.8    |
| 43       | 5.7  | 54                | 364               | 3.6  | 2,982             | 367               | 12.8     | 3.7     | 58.3    | 12.0    |



## Soil Test Summary

**Meece Bros. Farms**

**Farm:** Meece Brothers

**Field:** ST JOE #2

**Area:** 154.11

**Sample Date:** Oct 16, 2018

**Lab Name:** GSM

| SampleID        | PHW  | P1                | K                 | OM   | CA                | MG                | CEC      | PERK    | PERCA   | PERMG   |
|-----------------|------|-------------------|-------------------|------|-------------------|-------------------|----------|---------|---------|---------|
| none            | none | lbs per acre (st) | lbs per acre (st) | none | lbs per acre (st) | lbs per acre (st) | meq/100g | percent | percent | percent |
| 44              | 5.9  | 59                | 328               | 3.4  | 2,814             | 278               | 11.0     | 3.9     | 64.0    | 10.6    |
| 45              | 6.2  | 48                | 265               | 3.5  | 5,290             | 512               | 18.7     | 1.9     | 70.8    | 11.5    |
| 46              | 6.0  | 160               | 486               | 3.5  | 5,566             | 715               | 21.9     | 2.9     | 63.6    | 13.7    |
| 47              | 6.2  | 79                | 432               | 3.4  | 5,410             | 787               | 20.7     | 2.7     | 65.4    | 15.9    |
| <b>Average:</b> | 6.1  | 64                | 389               | 3.3  | 4,717             | 624               | 18.3     | 2.9     | 64.3    | 14.0    |



## Soil Test Map Report - PHW

**Meece Bros. Farms**

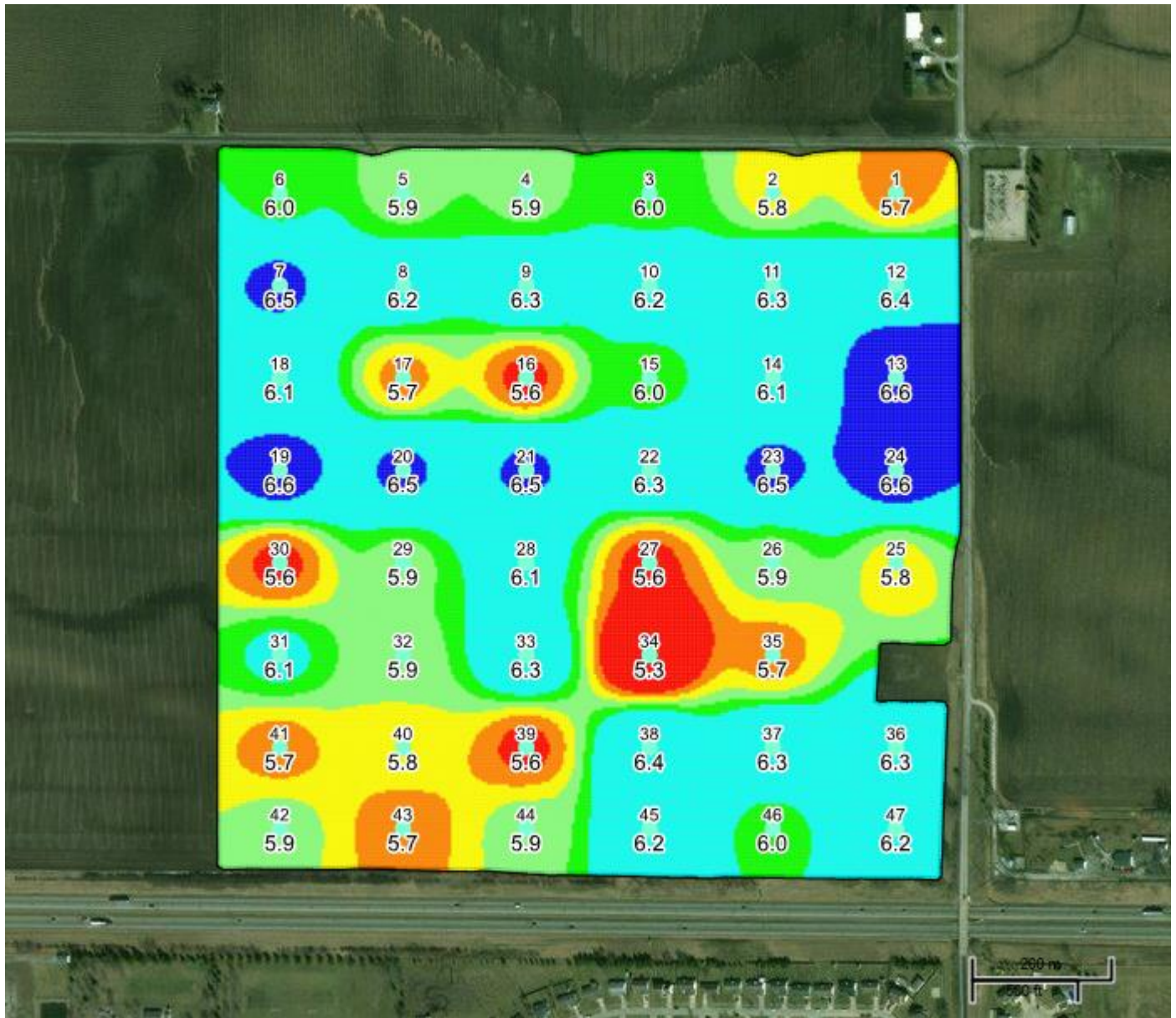
**Area:** 154.11

**Farm:** Meece Brothers

**Sample Date** Oct 16, 2018

**Field** ST JOE #2

**Lab Name** GSM



**Location:**

**County:** Champaign, IL

**Township:**

**Twp Rng Sec:** TST JOSEPH R S12

**Summary Statistics**

**Layer Name** Current Test Results

**Sample Count** 47

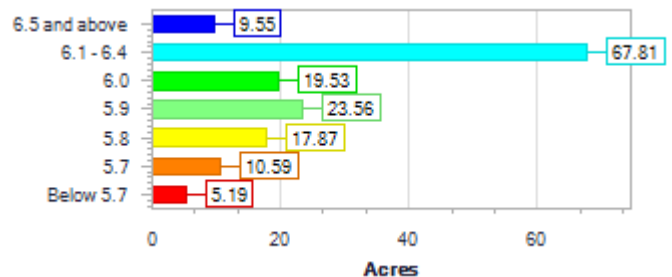
**Minimum** 5.3

**Maximum** 6.6

**Average Rate** 6.05

**Weighted Average:** 6.05

**PHW none**





## Soil Test Map Report - P1

**Meece Bros. Farms**

**Area:** 154.11

**Farm:** Meece Brothers

**Sample Date:** Oct 16, 2018

**Field:** ST JOE #2

**Lab Name:** GSM



**Location:**

**County:** Champaign, IL

**Township:**

**Twp Rng Sec:** TST JOSEPH R S12

**Summary Statistics**

**Layer Name:** Current Test Results

**Sample Count:** 47

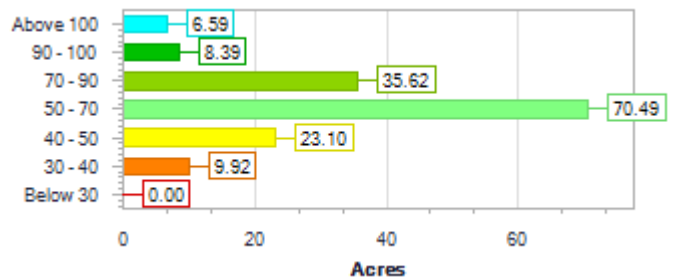
**Minimum:** 33

**Maximum:** 160

**Average Rate:** 63.89

**Weighted Average:** 63.92

**P1 lbs per acre (st)**





## Soil Test Map Report - K

**Meece Bros. Farms**

**Area:** 154.11

**Farm:** Meece Brothers

**Sample Date:** Oct 16, 2018

**Field:** ST JOE #2

**Lab Name:** GSM



**Location:**

**County:** Champaign, IL

**Township:**

**Twp Rng Sec:** TST JOSEPH R S12

**Summary Statistics**

**Layer Name:** Current Test Results

**Sample Count:** 47

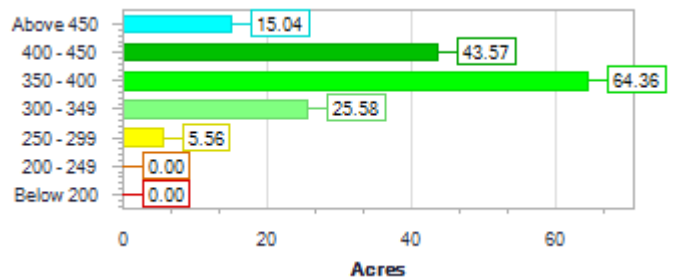
**Minimum:** 254

**Maximum:** 686

**Average Rate:** 388.88

**Weighted Average:** 388.95

**K lbs per acre (st)**





## Soil Test Map Report - OM

**Meece Bros. Farms**

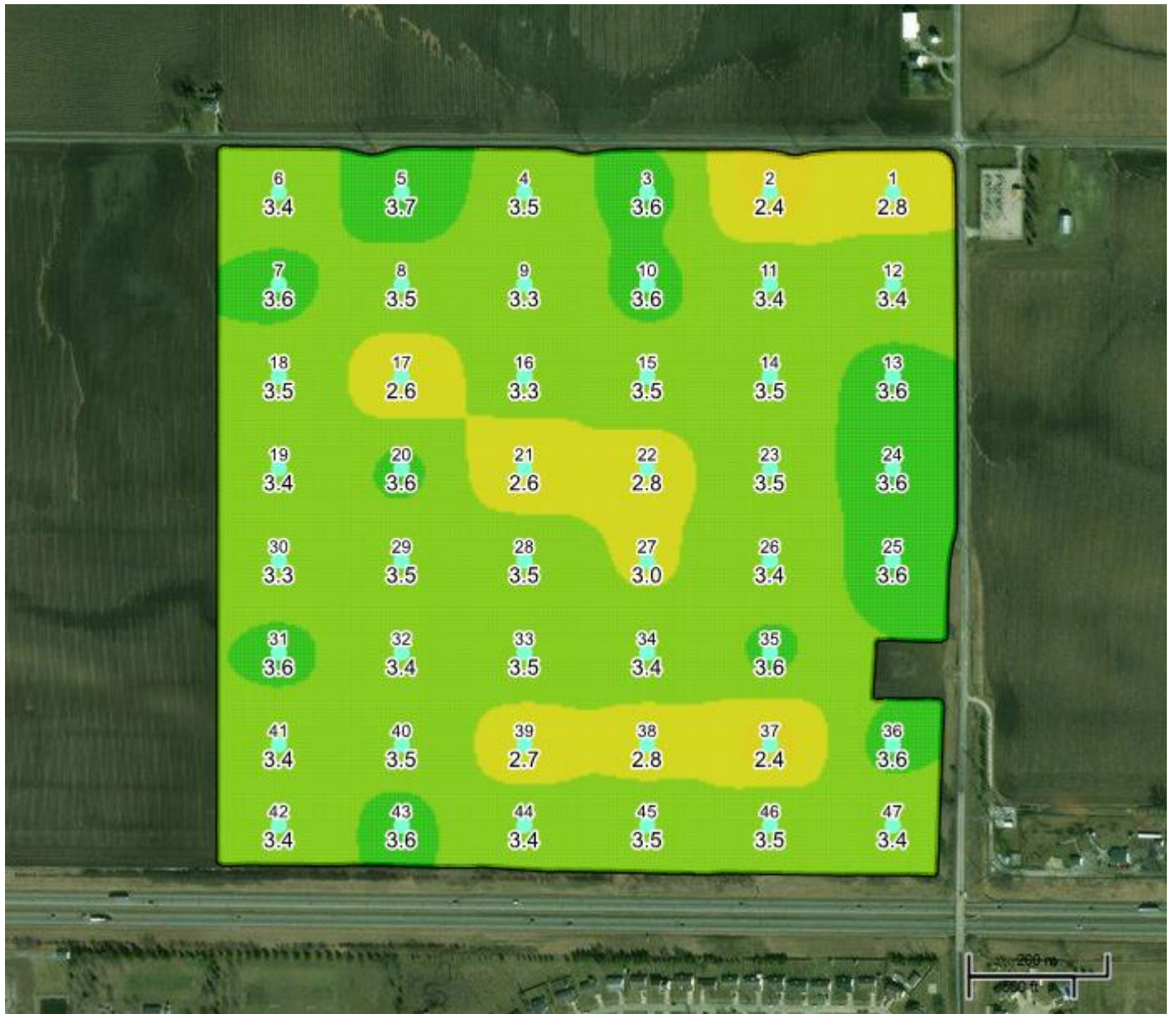
**Area:** 154.11

**Farm:** Meece Brothers

**Sample Date** Oct 16, 2018

**Field** ST JOE #2

**Lab Name** GSM



**Location:**

**County:** Champaign, IL

**Township:**

**Twp Rng Sec:** TST JOSEPH R S12

**Summary Statistics**

**Layer Name** Current Test Results

**Sample Count** 47

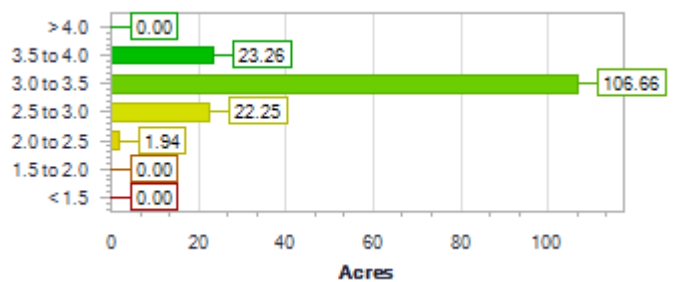
**Minimum** 2.4

**Maximum** 3.7

**Average Rate** 3.34

**Weighted Average:** 3.34

**OM none**





## Soil Test Map Report - CEC

**Meece Bros. Farms**

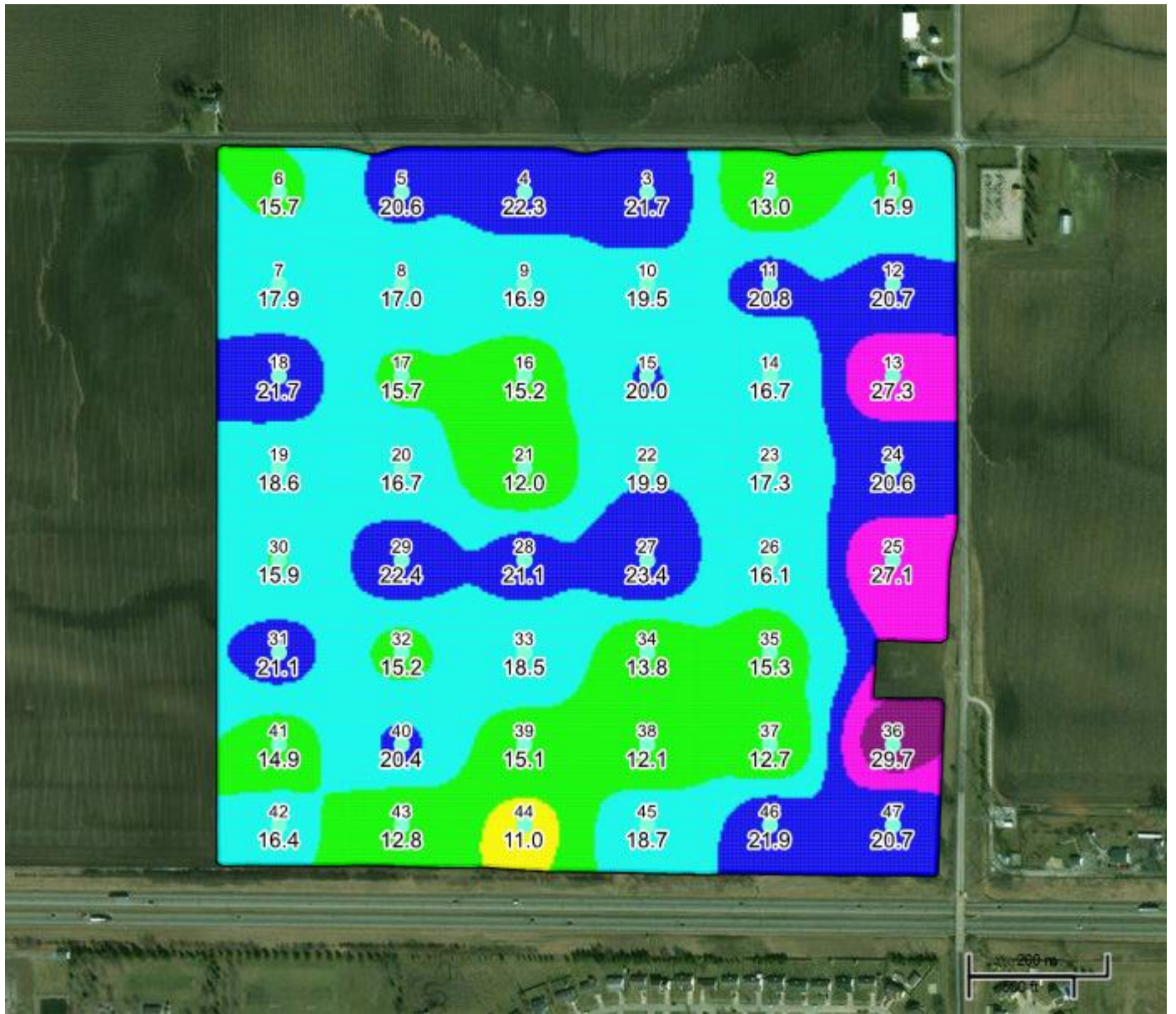
**Area:** 154.11

**Farm:** Meece Brothers

**Sample Date:** Oct 16, 2018

**Field:** ST JOE #2

**Lab Name:** GSM



**Location:**

**County:** Champaign, IL

**Township:**

**Twp Rng Sec:** TST JOSEPH R S12

**Summary Statistics**

**Layer Name:** Current Test Results

**Sample Count:** 47

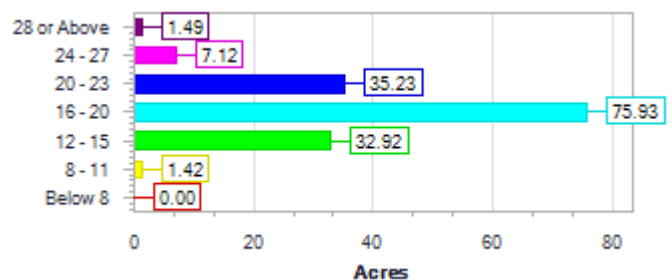
**Minimum:** 11

**Maximum:** 29.7

**Average Rate:** 18.36

**Weighted Average:** 18.36

**CEC meq/100g**







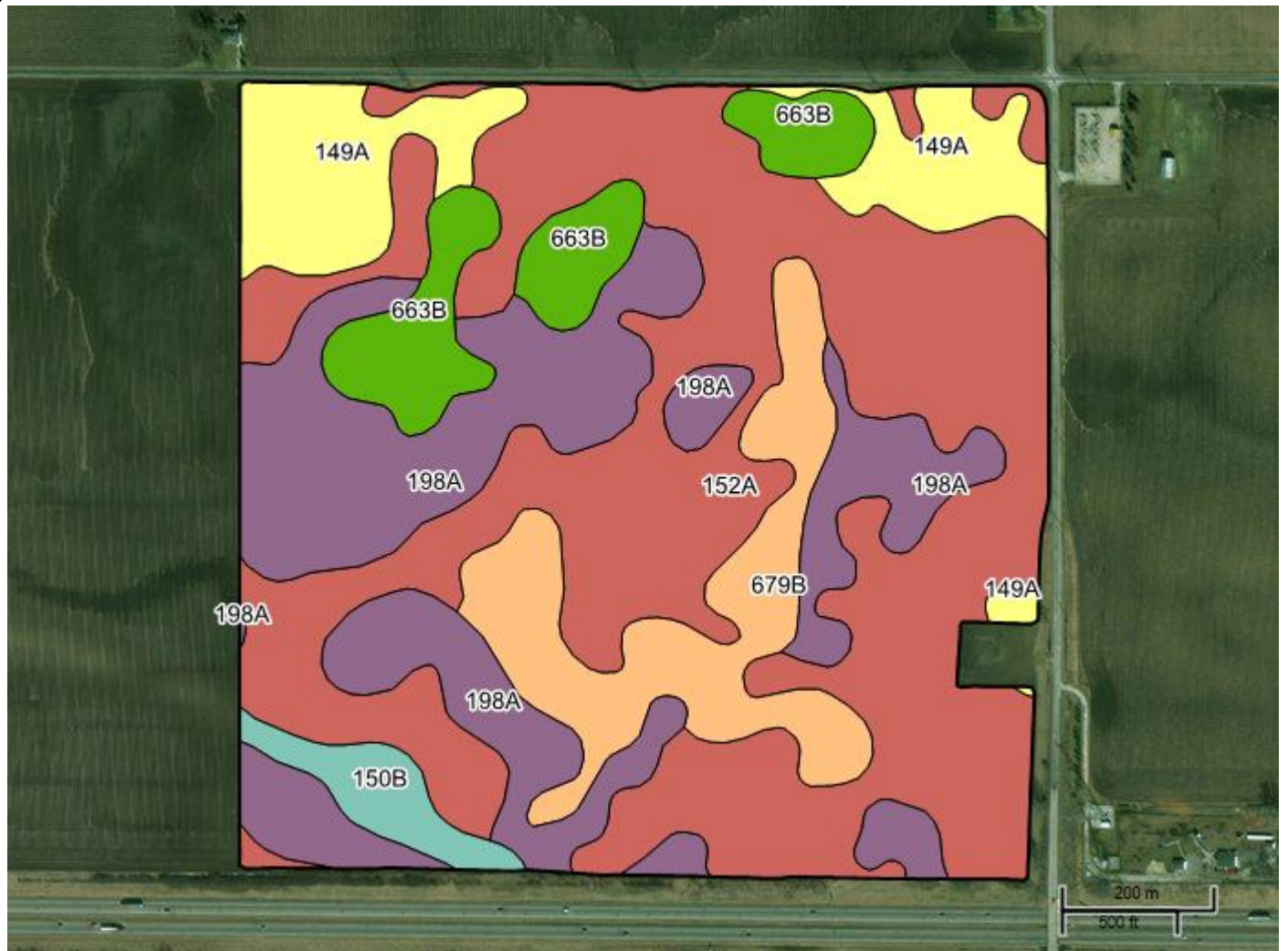
### Soil Types

**Meece Bros. Farms**

**Area: 154.11**

**Farm: Meece Brothers**

**Field: ST JOE #2**



**Location:**







**County:** Champaign, IL

**Township:**

**Twp Rng Sec:** TST JOSEPH R S12

**Directions:**

**MuSym by Acres**

|   |  |       |
|---|--|-------|
|  | 152A - Drummer silty clay loam, 0 to 2 percent sl  | 72.93 |
|  | 198A - Elburn silt loam, 0 to 2 percent slopes     | 36.83 |
|  | 679B - Blackberry silt loam, 2 to 5 percent slopes | 16.03 |
|  | 149A - Brenton silt loam, 0 to 2 percent slopes    | 14.36 |
|  | 663B - Clare silt loam, 2 to 5 percent slopes      | 10.43 |
|  | 150B - Onarga sandy loam, 2 to 5 percent slope     | 3.54  |