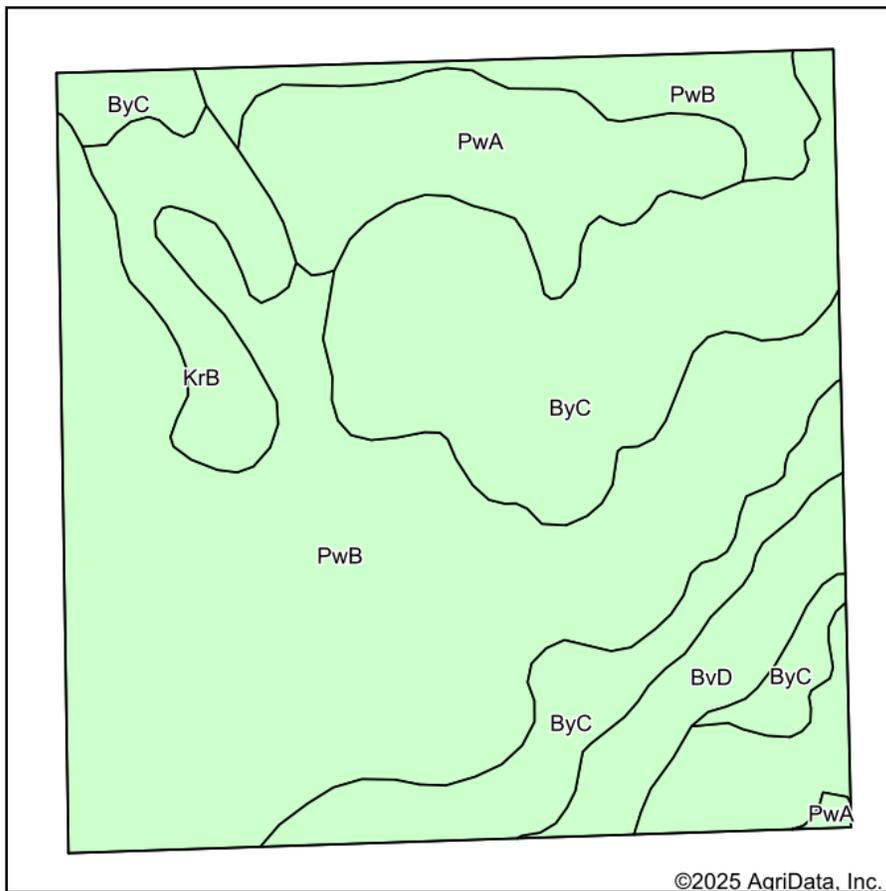
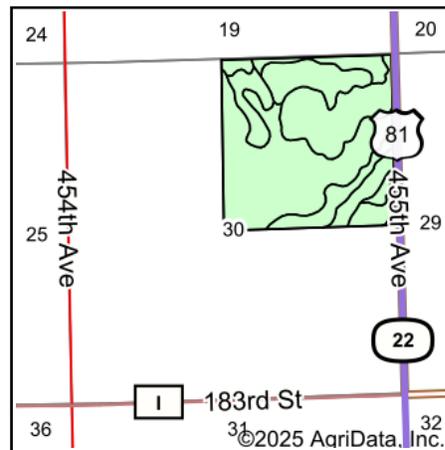


# Soils Map

# Tract 1



Soils data provided by USDA and NRCS.



State: **South Dakota**  
 County: **Hamlin**  
 Location: **30-115N-52W**  
 Township: **Castlewood**  
 Acres: **161.17**  
 Date: **11/19/2025**

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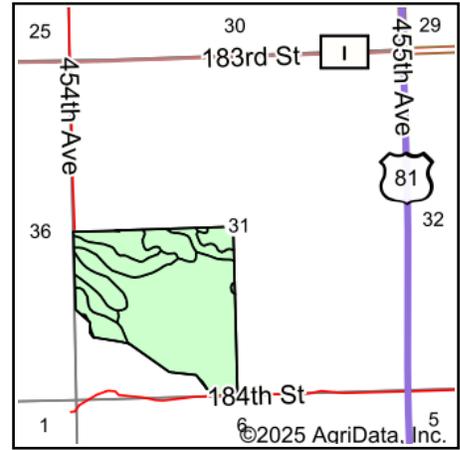
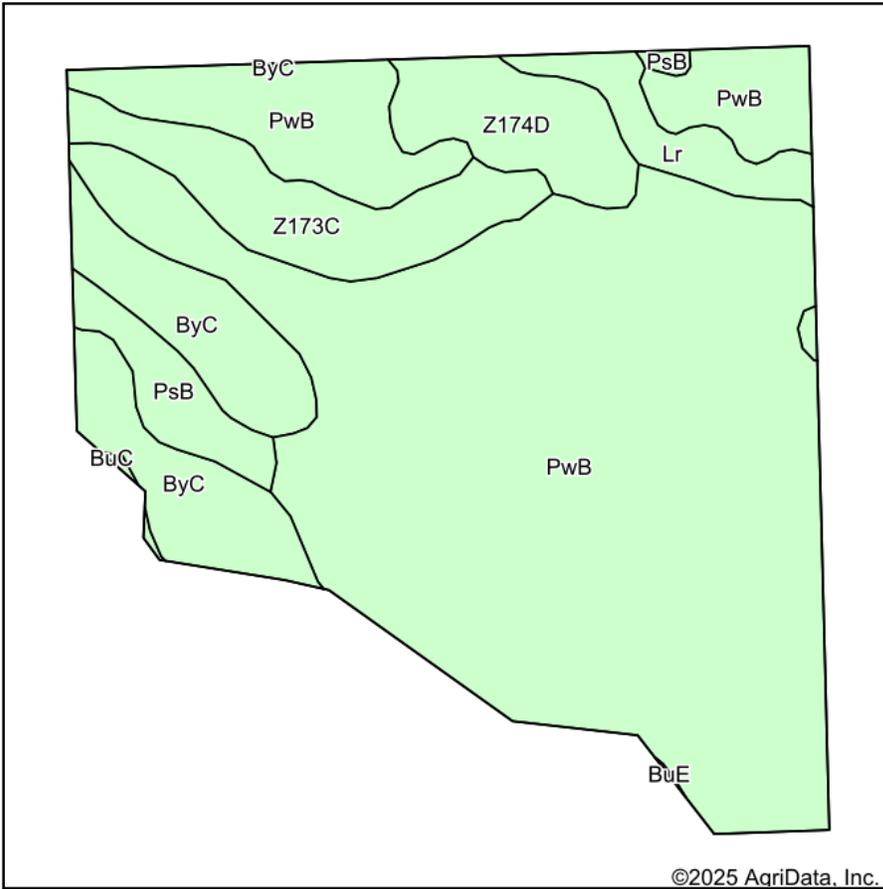
Area Symbol: SD057, Soil Area Version: 27

| Code                    | Soil Description  | Acres | Percent of field | Non-Irr Class | Productivity Index | *n NCCPI Overall |
|-------------------------|---|-------|------------------|---------------|--------------------|------------------|
| PwB                     | Poinsett-Waubay silty clay loams, 1 to 6 percent slopes     | 81.55 | 50.6%            | Ile           | 89                 | 72               |
| ByC                     | Buse-Poinsett complex, 6 to 9 percent slopes                | 45.22 | 28.1%            | IVe           | 72                 | 53               |
| PwA                     | Poinsett-Waubay silty clay loams, 0 to 2 percent slopes     | 17.16 | 10.6%            | Is            | 93                 | 73               |
| KrB                     | Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes | 9.47  | 5.9%             | Ile           | 93                 | 70               |
| BvD                     | Buse-Lamoure, channeled, complex, 0 to 40 percent slopes    | 7.77  | 4.8%             | VIIe          | 20                 | 15               |
| <b>Weighted Average</b> |   |       |                  | <b>2.70</b>   | <b>81.6</b>        | <b>*n 63.9</b>   |

\*n: The aggregation method is "Weighted Average using all components"

# Soils Map

Tract 2 Cropland Acres



State: **South Dakota**  
 County: **Hamlin**  
 Location: **31-115N-52W**  
 Township: **Castlewood**  
 Acres: **116.54**  
 Date: **11/19/2025**

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Soils data provided by USDA and NRCS.

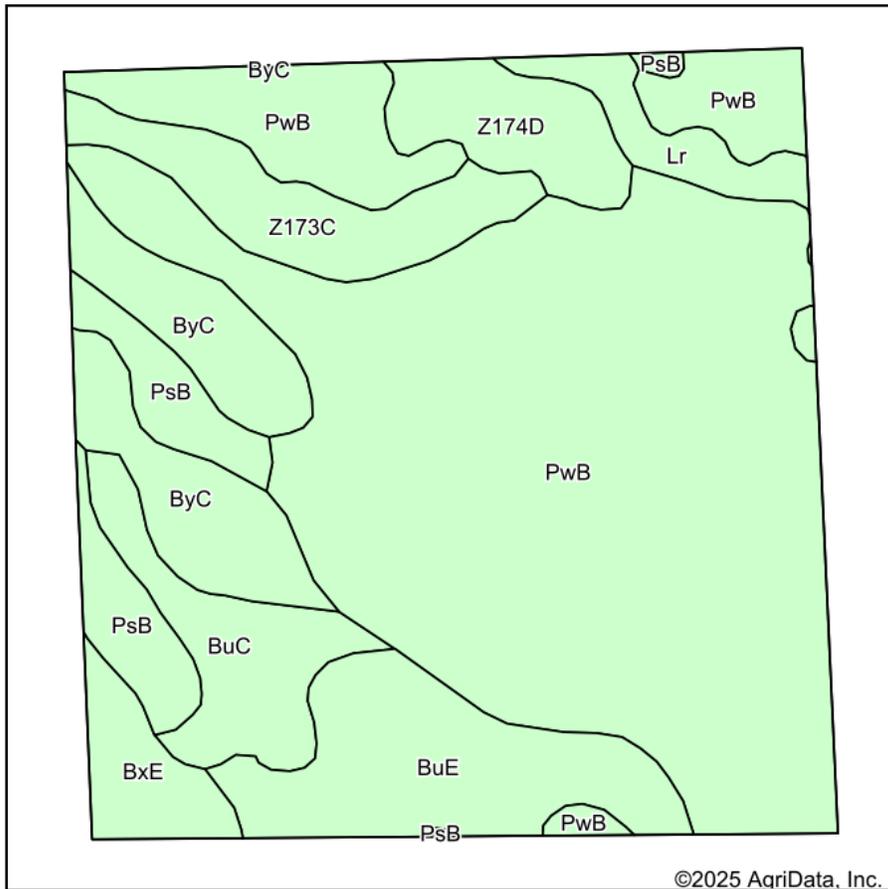
Area Symbol: SD057, Soil Area Version: 27

| Code                    | Soil Description  | Acres | Percent of field | Non-Irr Class | Productivity Index | *n NCCPI Overall |
|-------------------------|---|-------|------------------|---------------|--------------------|------------------|
| PwB                     | Poinsett-Waubay silty clay loams, 1 to 6 percent slopes | 82.51 | 70.9%            | Ile           | 89                 | 72               |
| ByC                     | Buse-Poinsett complex, 6 to 9 percent slopes            | 11.85 | 10.2%            | IVe           | 72                 | 53               |
| Z173C                   | Renshaw-Sioux complex, coteau, 6 to 9 percent slopes    | 8.40  | 7.2%             | Ve            | 28                 | 36               |
| Z174D                   | Sioux-Renshaw complex, coteau, 9 to 15 percent slopes   | 6.09  | 5.2%             | VI s          | 22                 | 36               |
| Lr                      | Lamoure-Rauville silty clay loams, channeled            | 3.77  | 3.2%             | VIw           | 33                 | 21               |
| PsB                     | Poinsett-Buse-Waubay complex, 1 to 6 percent slopes     | 3.77  | 3.2%             | Ile           | 81                 | 68               |
| BuC                     | Buse-Barnes loams, 2 to 15 percent slopes, very stony   | 0.15  | 0.1%             | VI s          | 10                 | 52               |
| <b>Weighted Average</b> |   |       |                  |               | <b>2.76</b>        | <b>77.2</b>      |
|                         |   |       |                  |               |                    | <b>*n 63.8</b>   |

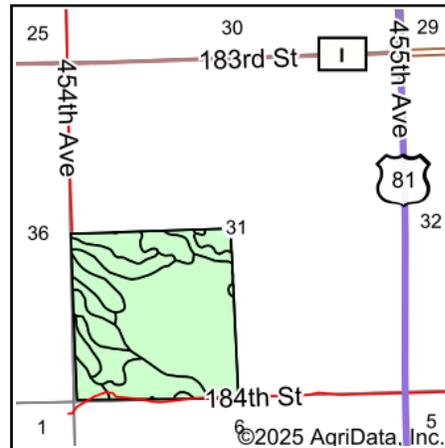
\*n: The aggregation method is "Weighted Average using all components"

# Soils Map

# Tract 2 Whole Farm



Soils data provided by USDA and NRCS.



State: **South Dakota**  
 County: **Hamlin**  
 Location: **31-115N-52W**  
 Township: **Castlewood**  
 Acres: **149.76**  
 Date: **11/19/2025**

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Area Symbol: SD057, Soil Area Version: 27

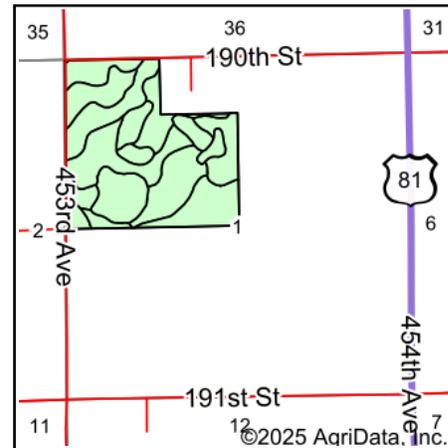
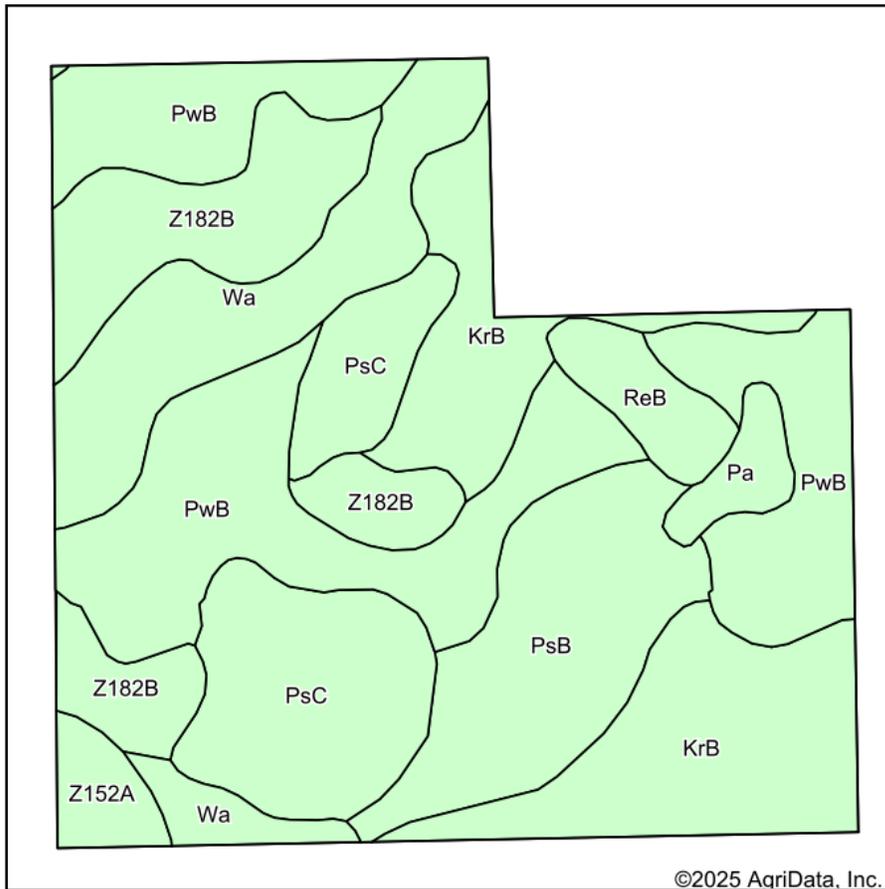
| Code                    | Soil Description  | Acres | Percent of field | Non-Irr Class | Productivity Index | *n NCCPI Overall |
|-------------------------|---|-------|------------------|---------------|--------------------|------------------|
| PwB                     | Poinsett-Waubay silty clay loams, 1 to 6 percent slopes | 85.34 | 57.0%            | Ile           | 89                 | 72               |
| BuE                     | Buse-Barnes loams, 9 to 40 percent slopes, very stony   | 13.58 | 9.1%             | Vlls          | 6                  | 31               |
| ByC                     | Buse-Poinsett complex, 6 to 9 percent slopes            | 12.83 | 8.6%             | IVe           | 72                 | 53               |
| Z173C                   | Renshaw-Sioux complex, coteau, 6 to 9 percent slopes    | 8.40  | 5.6%             | Ve            | 28                 | 36               |
| BuC                     | Buse-Barnes loams, 2 to 15 percent slopes, very stony   | 7.99  | 5.3%             | Vls           | 10                 | 52               |
| PsB                     | Poinsett-Buse-Waubay complex, 1 to 6 percent slopes     | 7.39  | 4.9%             | Ile           | 81                 | 68               |
| Z174D                   | Sioux-Renshaw complex, coteau, 9 to 15 percent slopes   | 6.09  | 4.1%             | Vls           | 22                 | 36               |
| BxE                     | Buse-Langhei complex, 15 to 40 percent slopes           | 4.23  | 2.8%             | Vlle          | 20                 | 17               |
| Lr                      | Lamoure-Rauville silty clay loams, channeled            | 3.91  | 2.6%             | VIw           | 33                 | 21               |
| <b>Weighted Average</b> |   |       |                  | <b>3.41</b>   | <b>65.9</b>        | <b>*n 59</b>     |

\*n: The aggregation method is "Weighted Average using all components"

Soils data provided by USDA and NRCS.

# Soils Map

# Tract 3



State: **South Dakota**  
 County: **Hamlin**  
 Location: **1-113N-53W**  
 Township: **Norden**  
 Acres: **135.01**  
 Date: **11/19/2025**

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Soils data provided by USDA and NRCS.

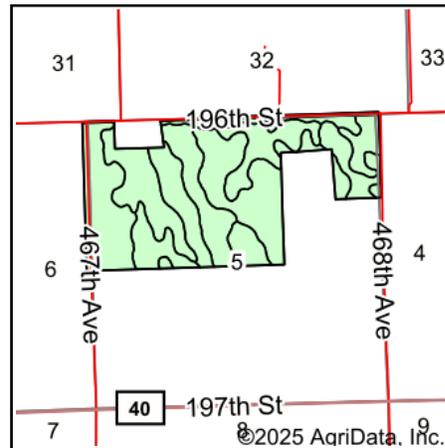
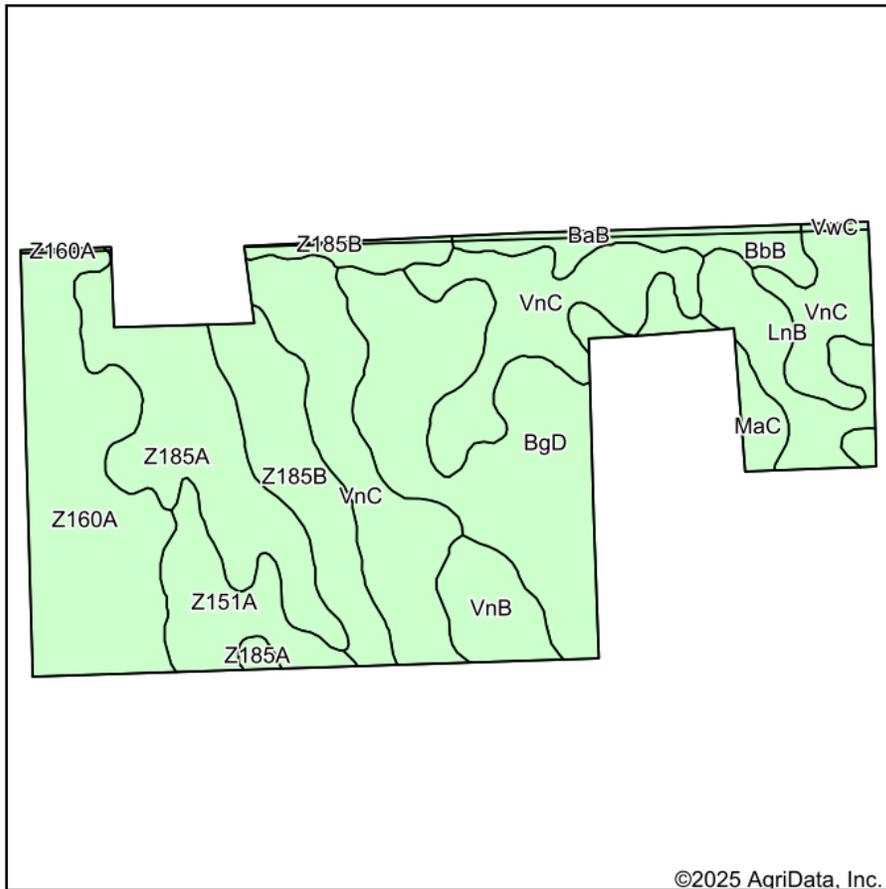
Area Symbol: SD057, Soil Area Version: 27

| Code                    | Soil Description   | Acres | Percent of field | Non-Irr Class | Productivity Index | *n NCCPI Overall |
|-------------------------|--|-------|------------------|---------------|--------------------|------------------|
| PwB                     | Poinsett-Waubay silty clay loams, 1 to 6 percent slopes                      | 36.04 | 26.7%            | Ile           | 89                 | 72               |
| KrB                     | Kranzburg-Brookings silty clay loams, 1 to 6 percent slopes                  | 23.81 | 17.6%            | Ile           | 93                 | 70               |
| PsC                     | Poinsett-Buse-Waubay complex, 2 to 9 percent slopes                          | 17.79 | 13.2%            | IIle          | 73                 | 66               |
| Z182B                   | Estelline silt loam, coteau, 2 to 6 percent slopes                           | 16.57 | 12.3%            | Ile           | 64                 | 59               |
| Wa                      | Waubay silty clay loam, 0 to 2 percent slopes                                | 16.09 | 11.9%            | Iw            | 98                 | 80               |
| PsB                     | Poinsett-Buse-Waubay complex, 1 to 6 percent slopes                          | 15.63 | 11.6%            | Ile           | 81                 | 68               |
| ReB                     | Renshaw loam, 2 to 6 percent slopes  | 3.88  | 2.9%             | IVs           | 39                 | 44               |
| Z152A                   | Lamoure silty clay loam, coteau, 0 to 1 percent slopes, occasionally flooded | 2.74  | 2.0%             | IIIw          | 67                 | 61               |
| Pa                      | Parnell silty clay loam  | 2.46  | 1.8%             | Vw            | 34                 | 16               |
| <b>Weighted Average</b> |  |       |                  | <b>2.15</b>   | <b>81.8</b>        | <b>*n 67.7</b>   |

\*n: The aggregation method is "Weighted Average using all components"

# Soils Map

# Tract 4A Cropland Tract



State: **South Dakota**  
 County: **Brookings**  
 Location: **5-112N-50W**  
 Township: **Eureka**  
 Acres: **264.13**  
 Date: **11/19/2025**

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Soils data provided by USDA and NRCS.

Area Symbol: SD011, Soil Area Version: 33  
 Area Symbol: SD039, Soil Area Version: 29

| Code                    | Soil Description   | Acres | Percent of field | Non-Irr Class | Productivity Index | *n NCCPI Overall |
|-------------------------|--|-------|------------------|---------------|--------------------|------------------|
| VnC                     | Vienna-Buse complex, 6 to 9 percent slopes   | 62.21 | 23.5%            | IIIe          | 69                 | 57               |
| BgD                     | Buse-Barnes loams, 9 to 20 percent slopes  | 49.36 | 18.7%            | Ve            | 40                 | 59               |
| Z160A                   | Moritz, occasionally flooded-Lamoure, frequently flooded, complex, 0 to 2 percent slopes | 42.11 | 15.9%            | IIIs          | 65                 | 55               |
| Z185A                   | Egeland-Embden complex, coteau, 0 to 2 percent slopes                                    | 31.93 | 12.1%            | IIIs          | 59                 | 48               |
| Z185B                   | Egeland-Embden complex, coteau, 2 to 6 percent slopes                                    | 23.95 | 9.1%             | IIIe          | 57                 | 47               |
| Z151A                   | Castlewood silty clay, 0 to 1 percent slopes, occasionally flooded                       | 14.75 | 5.6%             | IVw           | 62                 | 38               |
| LnB                     | Lanona-Swenoda sandy loams, 2 to 6 percent slopes  | 14.22 | 5.4%             | IIIe          | 66                 | 54               |
| VnB                     | Vienna-Buse complex, 2 to 6 percent slopes   | 9.67  | 3.7%             | Ile           | 79                 | 58               |
| BbB                     | Barnes clay loam, 2 to 6 percent slopes  | 6.69  | 2.5%             | Ile           | 85                 | 63               |
| MaC                     | Maddock-Egeland sandy loams, 6 to 9 percent slopes                                       | 5.83  | 2.2%             | IVe           | 31                 | 41               |
| BaB                     | Barnes clay loam, 2 to 6 percent slopes  | 2.11  | 0.8%             | Ile           | 85                 | 63               |
| Z185B                   | Egeland-Embden complex, coteau, 2 to 6 percent slopes                                    | 0.55  | 0.2%             | IIIe          | 57                 | 47               |
| VwC                     | Vienna-Buse complex, 6 to 9 percent slopes   | 0.48  | 0.2%             | IIIe          | 67                 | 56               |
| Z160A                   | Moritz, occasionally flooded-Lamoure, frequently flooded, complex, 0 to 2 percent slopes | 0.27  | 0.1%             | IIIs          | 65                 | 55               |
| <b>Weighted Average</b> |  |       |                  | <b>3.38</b>   | <b>60.1</b>        | <b>*n 53.7</b>   |

\*n: The aggregation method is "Weighted Average using all components"

Soils data provided by USDA and NRCS.