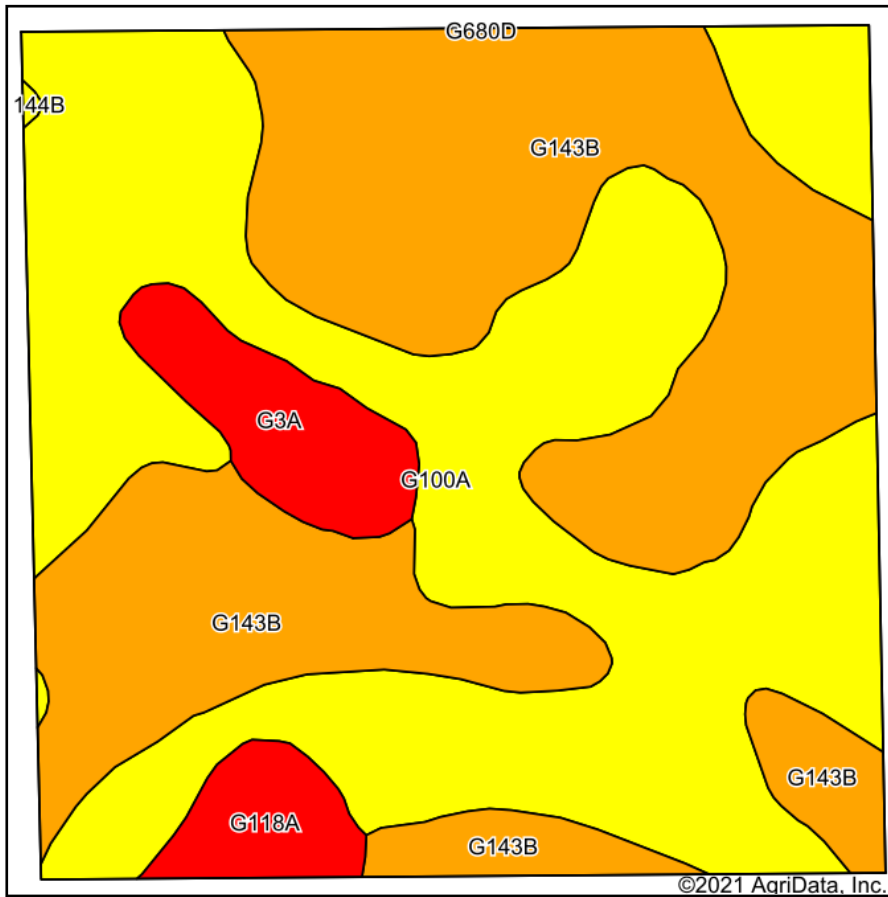
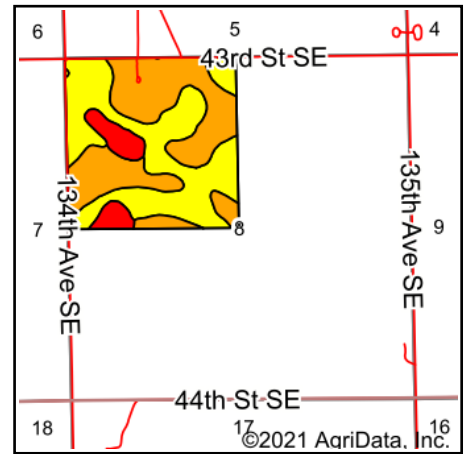


# Soils Map



Soils data provided by USDA and NRCS.



State: **North Dakota**  
 County: **Cass**  
 Location: **8-138N-55W**  
 Township: **Clifton**  
 Acres: **160**  
 Date: **6/8/2021**



Maps Provided By:



Area Symbol: ND017, Soil Area Version: 20

| Code                    | Soil Description                               | Acres | Percent of field | PI Legend | Non-Irr Class *c | Range Production (lbs/acre/yr) | Productivity Index | *n NCCPI Overall | *n NCCPI Corn  | *n NCCPI Small Grains | *n NCCPI Soybeans |
|-------------------------|--|-------|------------------|-----------|------------------|--------------------------------|--------------------|------------------|----------------|-----------------------|-------------------|
| G100A                   | Hamerly-Tonka complex, 0 to 3 percent slopes   | 76.65 | 47.9%            |           | Ile              | 4114                           | 64                 | 49               | 33             | 30                    | 45                |
| G143B                   | Barnes-Svea loams, 3 to 6 percent slopes       | 70.74 | 44.2%            |           | Ile              | 3034                           | 75                 | 58               | 39             | 35                    | 57                |
| G3A                     | Parnell silty clay loam, 0 to 1 percent slopes | 7.82  | 4.9%             |           | Vw               | 5336                           | 25                 | 28               | 7              | 23                    | 13                |
| G118A                   | Vallers loam, saline, 0 to 1 percent slopes    | 4.67  | 2.9%             |           | IVw              | 3892                           | 42                 | 33               | 9              | 22                    | 32                |
| G144B                   | Barnes-Buse loams, 3 to 6 percent slopes       | 0.12  | 0.1%             |           | IIle             | 2842                           | 69                 | 57               | 39             | 35                    | 56                |
| <b>Weighted Average</b> |  |       |                  |           |                  | <b>3688.8</b>                  | <b>66.3</b>        | <b>*n 51.5</b>   | <b>*n 33.7</b> | <b>*n 31.6</b>        | <b>*n 48.4</b>    |

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method

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