

## 2023 CSEM/PSAS 446 Soil and Water Conservation Field 9 rotations/yields

We do minimum-tillage or no-till on all acres.

We fertilize according to the Agronomy Handbook and our soil tests.

No fungicide applied in 2023.

Corn gets anhydrous pre plant; In 2023 we started a planter Nitrogen application.

- Planter N application was 10 Gallon/Acre, pre-plant was 200 Lbs. of NH3.

2013 soybean, average yield 33 bu/ac

2014 corn, average yield 132 bu/ac

2015 soybeans, average yield 50 bu/ac

2016 soybeans, average yield 69 bu/ac

2017 corn, average yield 188 bu/ac

2018 soybeans, average yield 67 bu/ac

2019 corn, average yield 135 Bu/ac

2020 soybeans, average yield 51 bu/ac

2021 corn, average yield 148.18 bu/ac

2022 Wheat - 57.05 Bu/Acre, Double Crop Soybean- 45.95 Bu/Acre

2023 Corn – Average Yield 154.06 Bu/Ac

### Planting Population

- Corn – 30-32,000 seeds/Acre
- Soybeans – 160,000-180,000 seeds
- Wheat – 150-160 Lbs./Acre

### Row spacing –

- Corn is 30 “
- Soybeans is 15” with Planter or 7.5” with Air seeder.
- Wheat is 7.5”

### Tillage in 2023

- NH3 Application in Spring
- Vertical Tillage tool 1 pass before wheat.