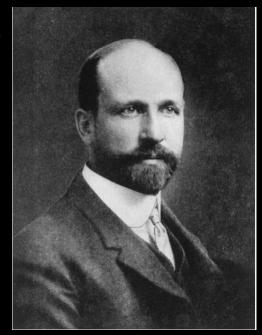


## Pioneers in Soil Science

#### **Cyril G. Hopkins**

- 1866 Born in Minnesota
- · Age 14 moved to Estelline, South Dakota
- Taught in SD rural schools –almost died in Children Blizzard
- 1890 Graduated from SDSU
- 1890-1892 SDSU Assistant in Agricultural Chemistry.
- 1893 Graduated from Cornell
- 1894 Chemist of the University of Illinois Agricultural Experiment Station.
- 1900 Head of Agronomy Department University of Illinois.



3

"If the art of agriculture has ruined the land, the science must restore it".

- Cyril G. Hopkins



"Soil Science includes many of the sciences: meteorology, geology, botany, zoology.

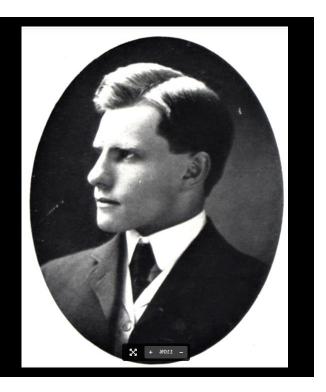
All of these sciences are involved in soil science, and all of them may be understood by people who will take the time to study them."

Joseph Hutton

### Pioneers in Soil Science

#### A. N Hume

- Plant geneticist specializing in corn
- Hopkins colleague at U of Illinois
- 1911 1943 SDSU Head of the Agronomy Department
- 1914 1<sup>st</sup> Director of the SD Soil Survey. Placed Hutton in charge of field work.







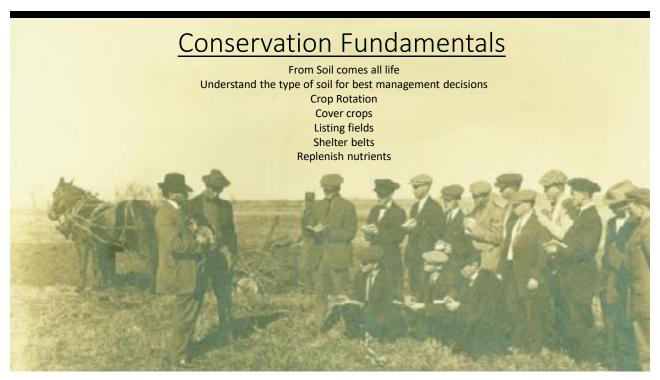


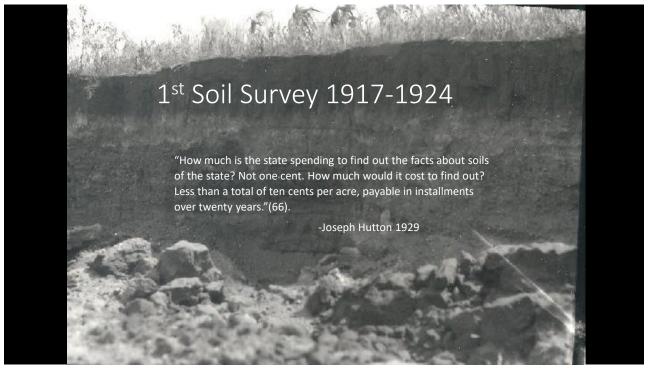












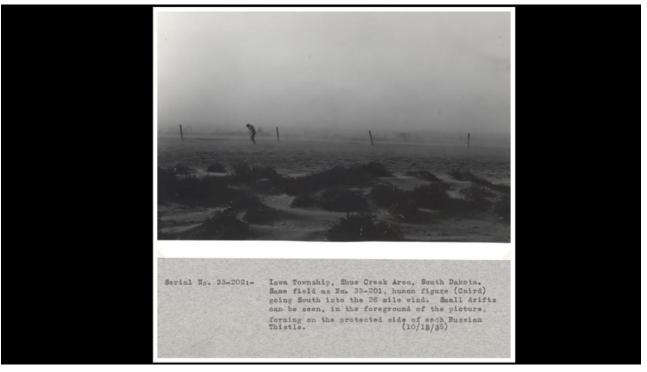


- "For almost 25 years I have been crying out against this ruinous process, but in most cases have been met by gibes and jokes and even sneers on the part of people of our commonwealth. They have said, "Oh, that soil will be always with us. We can study it when we have more money. When the taxes are not needed for something else."
- Joseph Hutton 1934



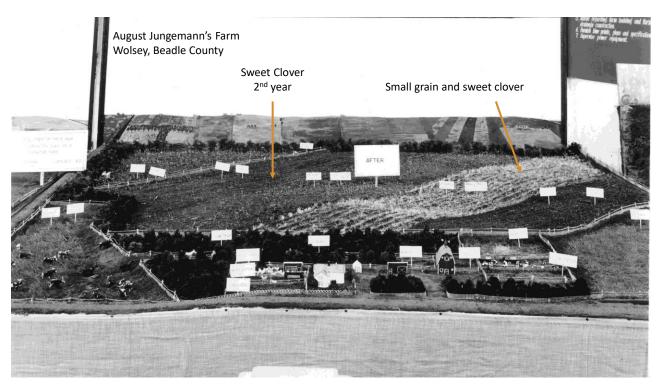


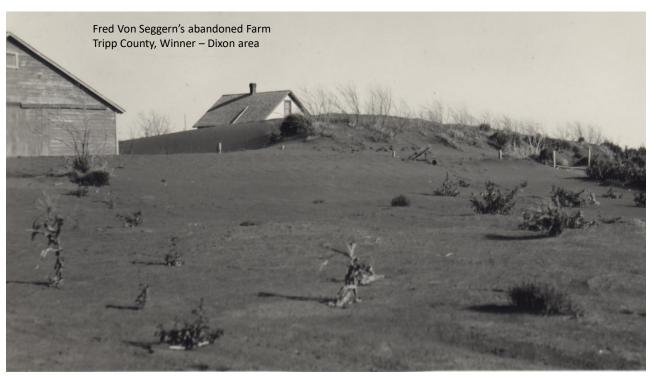


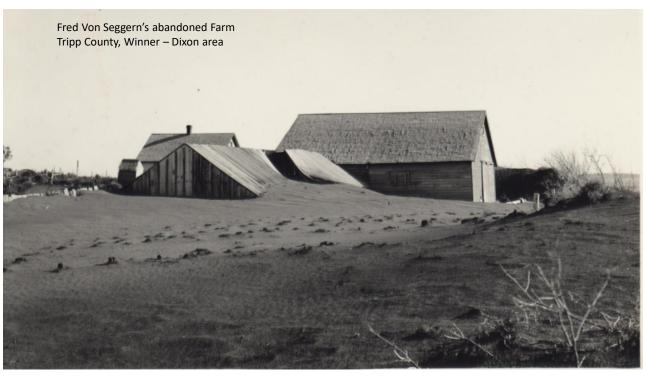






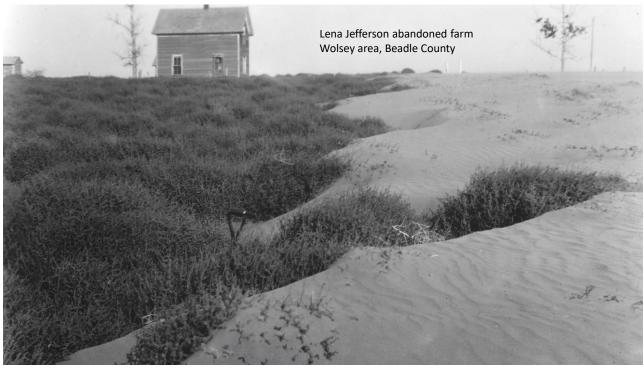






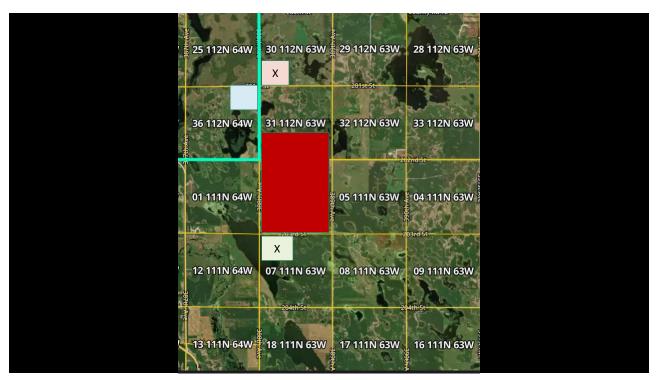








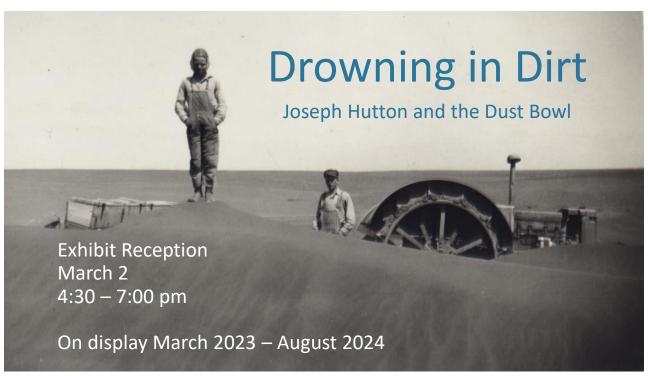








His Legacy is Still Contributing to Science



# Thank you

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