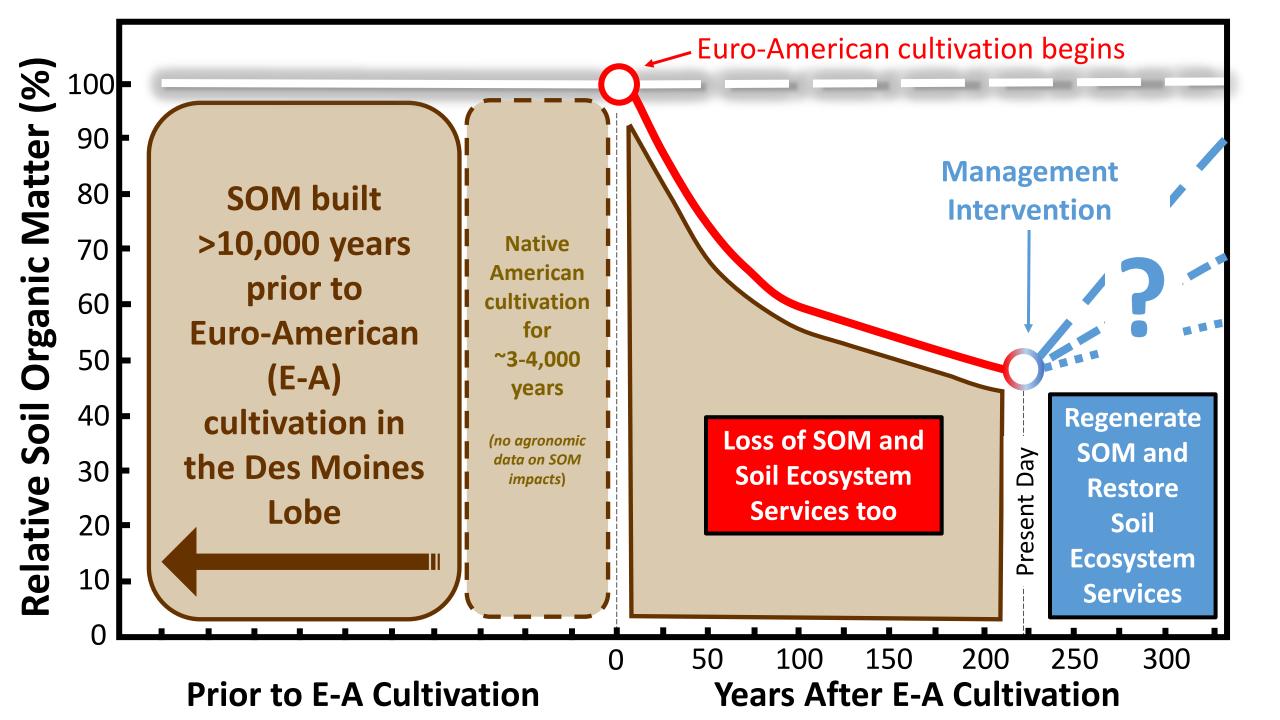
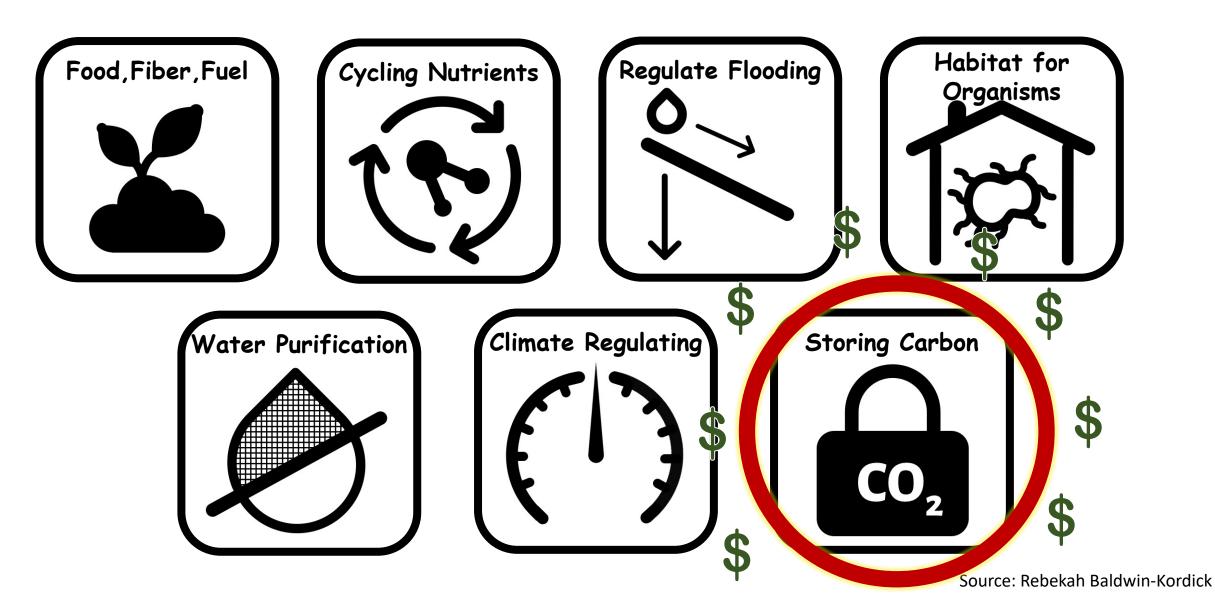
### Waiting for Soil Carbon to Change (while missing out on other soil benefits)

### Marshall McDaniel

Associate Prof. in Soil-Plant Interactions | Agronomy | ISU



# Seven Soil Ecosystem Services



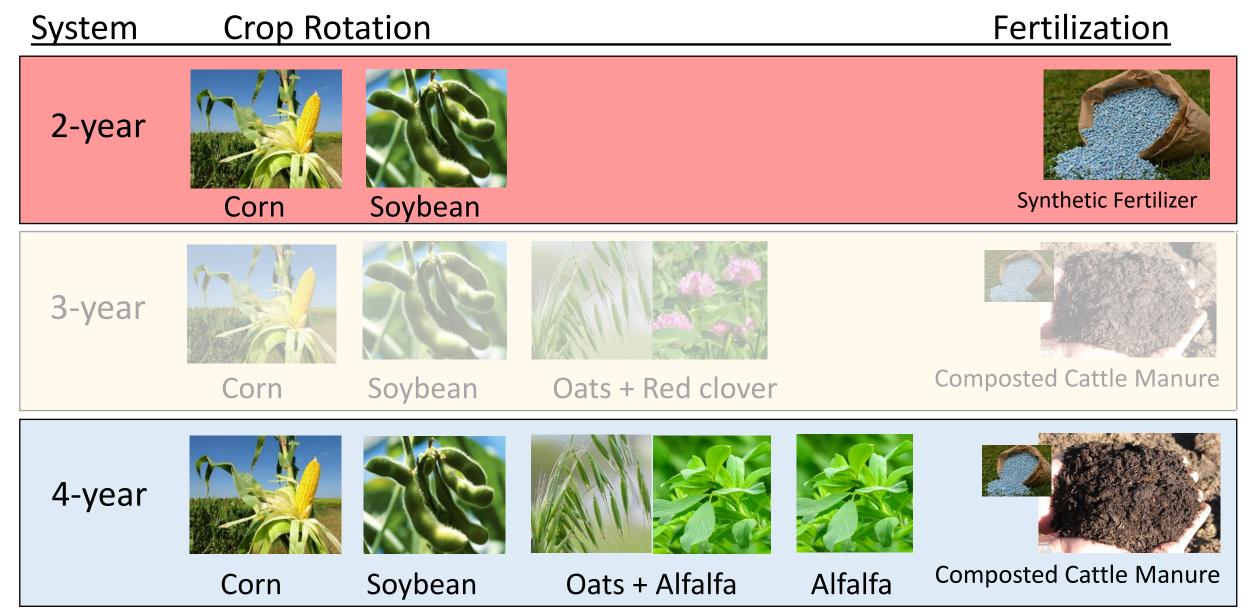
Marsden Agroecosystem Diversification Experiment (>38 peer-reviewed publications)

3 cropping systems Plots 60 ft × 276 ft 4 blocks

Established in 2001 near Boone, IA by Dr. Matt Liebman (Agronomy)

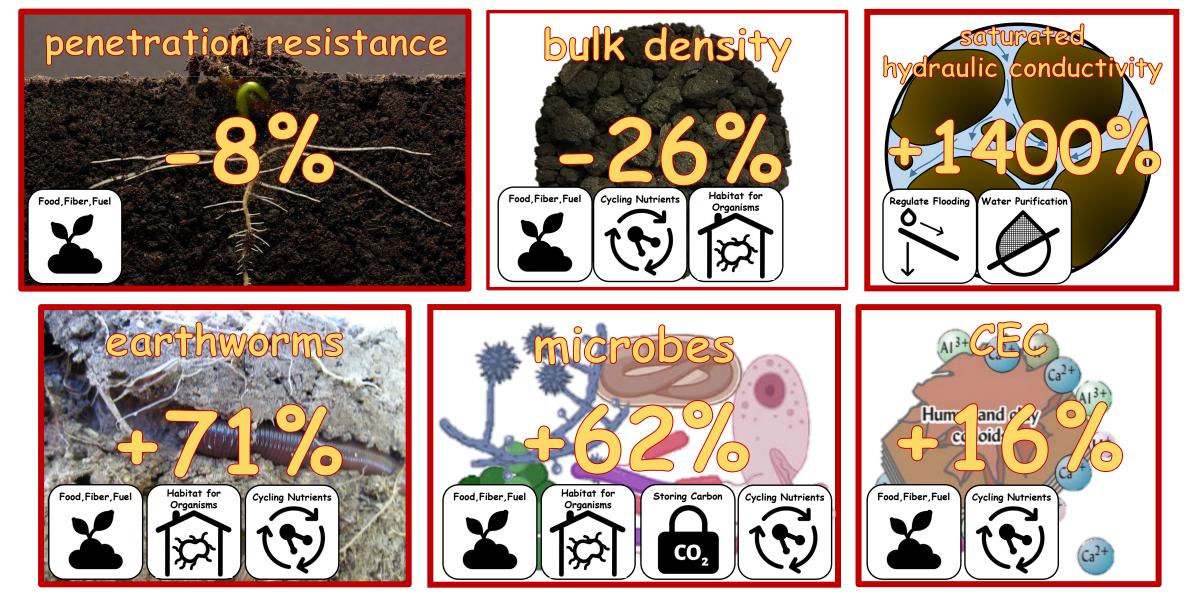


## MARSDEN Experimental Design



Slide Source: Leonor Leandro

### 15 years later, the 4-year rotation...

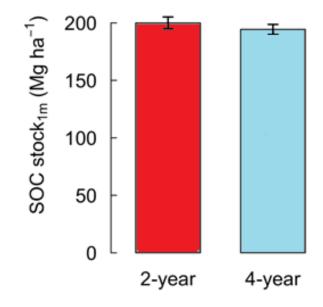


Baldwin-Kordick et al. (2022)

### 15 years later, the 4-year rotation...



#### More recently (19 years later)...





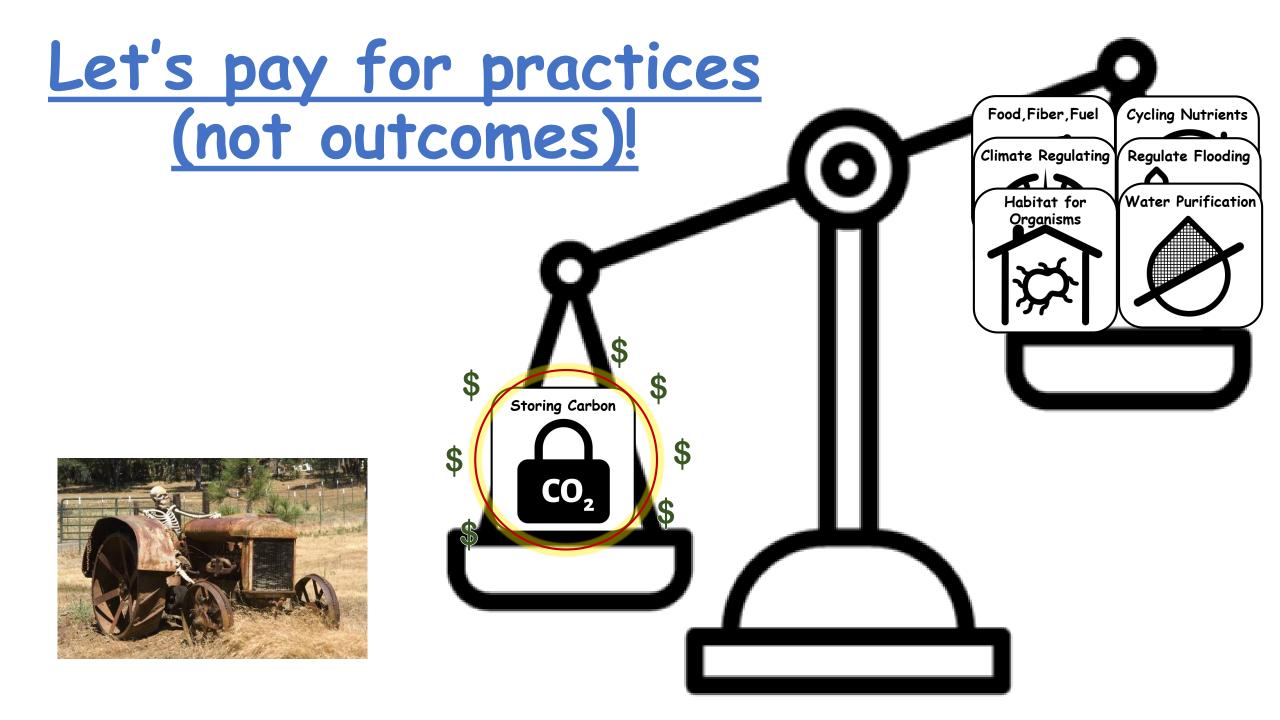
#### Dr. Steven Hall

#### Talk Title:

Reframing the Conversations Around Agricultural Soil Carbon

#### Saturday Session 4, 2:30-3:30 (Room 167-179)

Data from Huang & Hall (2022)



# Questions?



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