Wide Row Cotton with Covers: Proving Less is More

Kris Verett









Verett Farms Background

- Location: Ralls, TX
- Primary crops:
 - Cotton, corn, grain sorghum
 - Multi-species covers
 - Cattle grazing



Where it Started...

• 2011 - 2022



Standard Tillage

- Continuous tillage throughout summer
- Likely plowed 3-5 times
- Zero soil structure



Rye & Radish Cover





Less soil erosion



- Less soil erosion
- Cost savings
 - Fuel using 60% less
 - Maintenance less hours
 - Wear & tear



- Less soil erosion
- Cost savings
 - Fuel using 60% less
 - Maintenance
 - Wear & tear
- Less employee burnout no sandfighting







- Less soil erosion
- Cost savings
 - Fuel using 60% less
 - Maintenance
 - Wear & tear
- Less employee burnout no sandfighting
- Better water infiltration

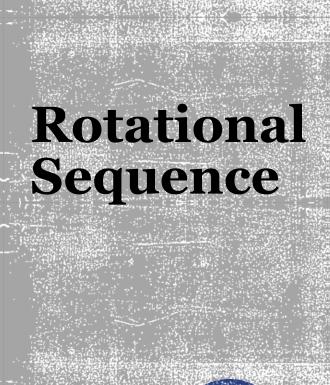






- Less soil erosion
- Cost savings
 - Fuel using 60% less
 - Maintenance
 - Wear & tear
- Less employee burnout no sandfighting
- Better water infiltration
- Soil health benefits
 - Less compaction
 - Firmer seed beds











Drilling Rye Behind Cotton Harvest







Radishes









80" Cotton

- What does this mean?
 - Normal spacing: 30" & 40" spacing
 - Plant every other row
- What are the benefits?
 - Increased water use efficiency
 - Increased nutrient efficiency 60% reduction in Nitrogen
 - Cotton will compensate for the larger gaps between rows



80" Cotton



80° Dryland

No-Till Texas

Soil Health Symposium

February 14 and 15, 2023 Overton Hotel Lubbock, TX

no-tilltexas.com





