Teaching Activities or Steps for Preparing Producers to Adopt a Managerial Accounting System

Kevin Odberg

ODBERG FARMS TRANSITIONS TO DIRECT SEEDING

FAMILY HISTORY

- Matthew Odberg ~ 1876

FAMILY HISTORY

- Ellis Odberg Senior ~ 1916

FAMILY HISTORY

- Ellis Odberg Junior (Jim) ~ 1948

FAMILY HISTORY

- Eric Odberg ~ 1993

MOTIVATION FOR DIRECT SEEDING

- The next Generation
MOTIVATION FOR DIRECT SEEDING

- No-till Disciple of Russ Zenner
- Tolerant Dad
- Money and Time

GETTING STARTED

- Started small
- Used “best” ground
- 3 year Rotation
  - Spring grain
  - Legume
  - Winter Wheat

GETTING STARTED

- Round Up
- Molboard plowing to chisel plowing

GETTING STARTED

- Rented No-till Drill
- Used Ripper Shooter and Straw Boss
FIRST FIELD
- Fall 1998 ~ difficult residue
- Spring 1999
  - Used Straw Boss
  - 60 BU

FIRST FIELD
- Spring 2000
  - Direct Seeded Garbanzo beans
  - 2700 lbs per acre

OTHER GROUND
- Chisel Fall and Spring Stubble
- “Shank and Seed” Winter Wheat

TAking THE PlUNGe
Purchased John Deere 1860
- Short coupled
- Ideal seed placement
- Direct Seed legumes
- Fertilizer Capabilities

John Deere 1860
Continued to Direct Seed Legumes
Still 2 pass system for seeding
Not all Fertilizer with Drill

HOE OPENER DRILL?
- Not great on steep hillsides
- Need to manage residue

“AH HA” MOMENT
- Other neighbors bought JD 1895
  (image of John Deere tractor)
- Got other opinions
- Studied the Drill
  - too much “gasing” of NH3

NEW SFP OPENER

NEW SFP OPENER

MY JOHN DEERE
1895 AIR DRILL
Questions and Considerations
1. How to make it all fit?
2. Fertilizer type?
3. What should go where?
CREATING MY DRILL

- Built a new tongue

CREATING MY DRILL

- Built brackets for Fertilizer Tanks

CREATING MY DRILL

- Deep Banders on 20 inch spacing
- Seed openers on 10 inch spacing

CONFIGURATION OF MY DRILL

- Monitors

CONFIGURATION OF MY DRILL

- Palouse Welding Wheel Locks
WHAT WORKS WELL

- Pulls easy
- Stays on Hillsides
- Low Disturbance
- Good Yields
- Can lock up deep banders for legumes

WHAT TO WORK ON

- Banders sometimes plug
- Still have to manage residue
- Row cleaners

WHAT MY DRILL ACCOMPLISHES

- Wholesale Fertilizer
  - Saves $

WHAT MY DRILL ACCOMPLISHES

- Spend more time with my Family

Questions?