

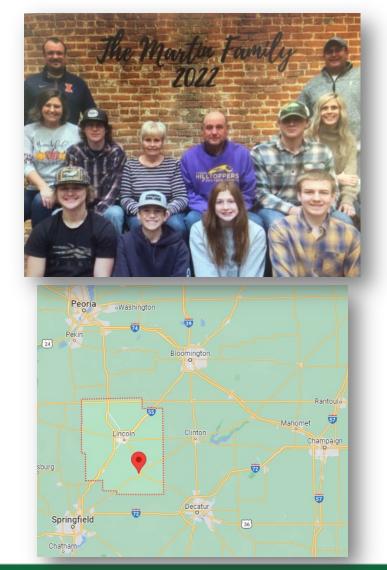
CoverCress for No-Tillers: Experiences with a Third Cash Crop

Presented by: Jeff Martin



The Martin Operation

- Sixth-generation farmer
 - Farming since 1976
 - Began conservation and no-till practices in the 1980s
- Farmers and Conservationists
 - Preserving the land and soil health is a priority
 - Started cover cropping about 10 years ago
 - Hopes to inspire others to try new practices
- Operation Overview
 - Mt. Pulaski, IL in Logan County
 - Corn and soybean rotation last 3 to 4 years (50/50 rotation)





CoverCress[™]: A New Cash Crop for Farmers





Why I chose to plant CoverCress™



New Financial Opportunity



Transform Corn-Soy Rotation into 3 cash crops

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Add New Revenue Opportunity

Projected Revenue Based on Oil Markets



Limited cost - no seed cost, limited input requirements, farmers can utilize existing equipment



Long Term Farmer & Societal Benefits

- Planting a CoverCress[™] crop enhances farm income on existing land and equipment by adding a low input crop grown in the offseason.
- As a cover crop as well as a cash crop, planting a CoverCress[™] crop helps to rebuild our topsoil: The U.S. has lost over sixty percent of its organic topsoil. Farmers can now gain the benefits from cover cropping, including holding and building topsoil organic, revitalization of soil microbes and more while they earn income from planting CoverCress[™].
- CoverCress[™] crop is a crucial part of a low carbon future: Oil from CoverCress[™] will be an ultra-low carbon intensity feedstock to provide new options for greener diesel and jet fuel producers. Growing a new crop in the off-season is also new source of carbon sequestration in our soils.

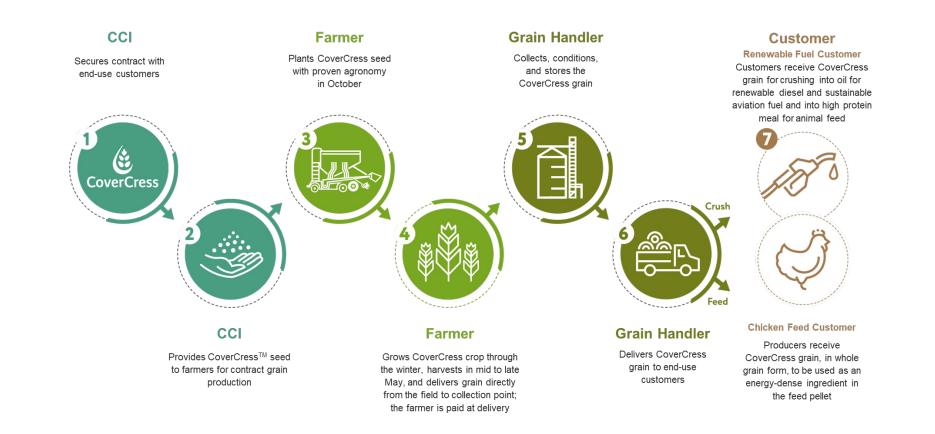


Enhance farm earnings on

existing land

Rebuilding our

Established CoverCress (CCI) Path to Market





The CoverCress[™] System

- Planted 200 acres of CoverCress (2% of acreage)
- CoverCress fits in my corn-soybean rotation and diversifies my risk
- Experience following CoverCress with both corn and soybeans
 - Plan to follow with soybeans going forward as it fits the rotation better





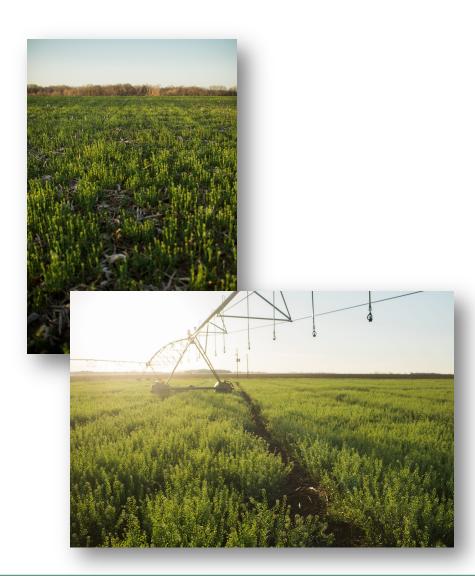


CoverCress: Agronomic Overview



CoverCress Field Selection

- Plan ahead!
- Considerations for field selection:
 - Historical Field Management
 - Tillage Practices
 - Herbicide Program
 - Crop Rotation & Harvest/Planting Date
 - Winter weed competition
 - Drainage
 - Slope





Planting CoverCress

- Seeding Depth: Surface to .25 of an inch
- Seeding Population: 5 7 lbs. per acre
- Seeding Method: Ortho Air Seeder on a Great Plains Turbo Max
- Seeding Timing: Planted September 10, 2022
- Weather/Moisture: 70° with adequate moisture
 - 1 inch of rain a week after planting







Typical Fall Observations

- Small rosette on the surface with root structure building below ground
- Most fall growth occurs below ground, providing cover crop benefits
- Target of minimum 4-6 plants per square foot







Early Spring Development

- Bolting begins in early spring as temperatures warm and day length increases
- Buds form mid-spring at the tip of the plant
- Determine if nitrogen application is required
- Natural spring protection provided by CoverCress:
 - Reduces soil erosion and runoff
 - Suppresses weed growth
 - Root structure allows the aeration of soil





Late Spring and Harvest

- Each plant produces multiple flower sub-stems late spring
- Pod setting is complete early May
- Crop turns a golden color and begins to dry down at maturity in late May
- Harvest:
 - Method: Conventional equipment that would harvest soy or wheat crop
 - -Timing: Late May
- CoverCress residue provides a great seedbed for planting





Key Takeaways & Considerations



Consider how CoverCress fits into your overall operation system



Agronomic knowledge is important to successfully raise this new crop



Thank You

Questions & Discussion

Learn more and express interest at: www.CoverCress.com

