



# An Emerging Seed Technology Business

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# CoverCress is grown over winter between corn and soy crops in the southern half of the Midwest



2021-22 Seed Production field: First commercial crop planned for fall 2022 planting

# Novel Rotational Cash Crop Results from Transforming A Common Weed



## Native Pennycress (a weed)



### Oil

- ~25-30% Total Oil
- >Oil profile makes feed use difficult

### Meal

- >40% ADF Fiber in meal
- ~32% Crude protein

### Seed Coat

- Thick, Dark Seed Coat Leads to Low germination, weediness

### Harvest

- 500-1,200 lbs/acre
- Early June maturity



Breeding



Agronomy



Gene Editing



## CoverCress (a crop)



### Oil

- ✓ ~30-33% Total Oil
- ✓ Feed friendly oil profile

### Meal

- ✓ 40% Crude protein
- ✓ Like canola meal

### Seed Coat

- ✓ Thin, Transparent Seed Coat has fast germination, good stands, eliminates weediness

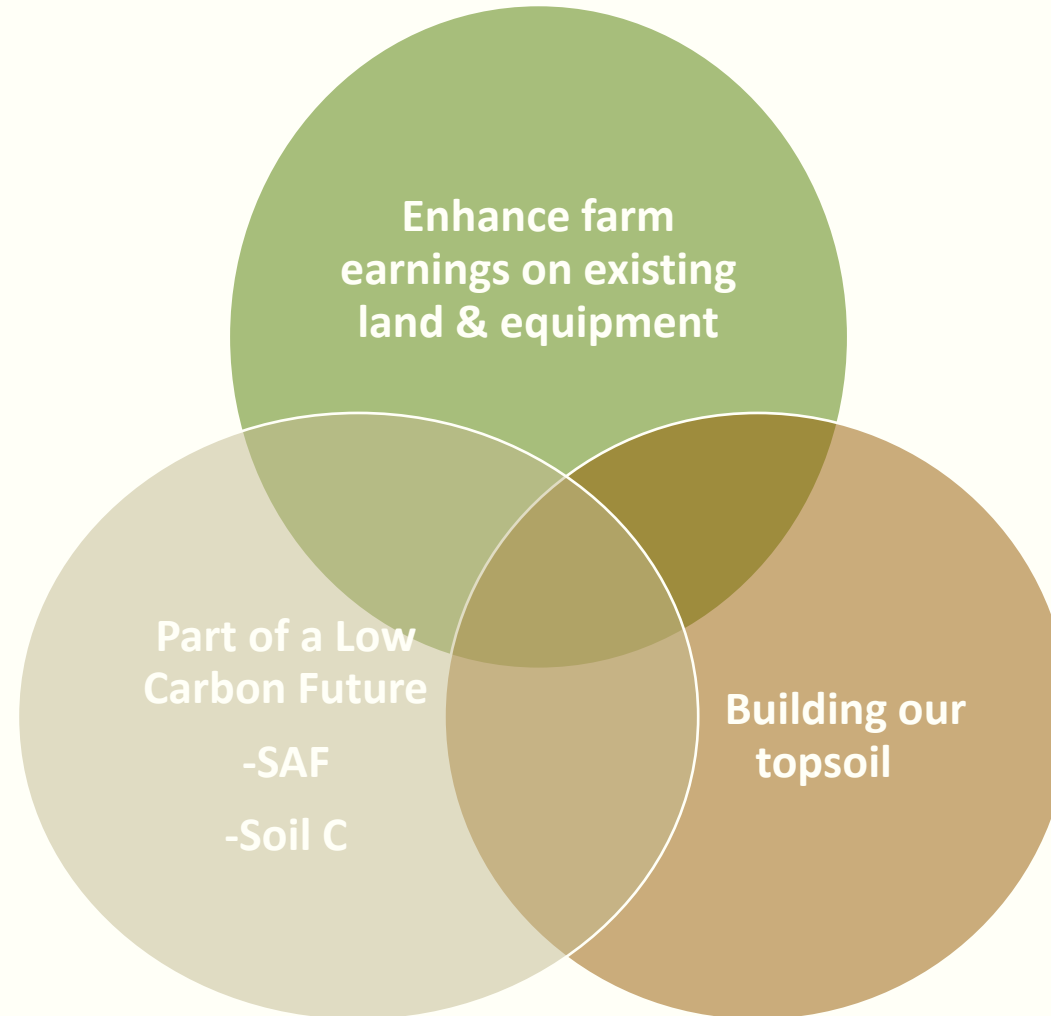
### Harvest

- ✓ 1,350-2,000 lbs/acre
- ✓ Mid-late May maturity

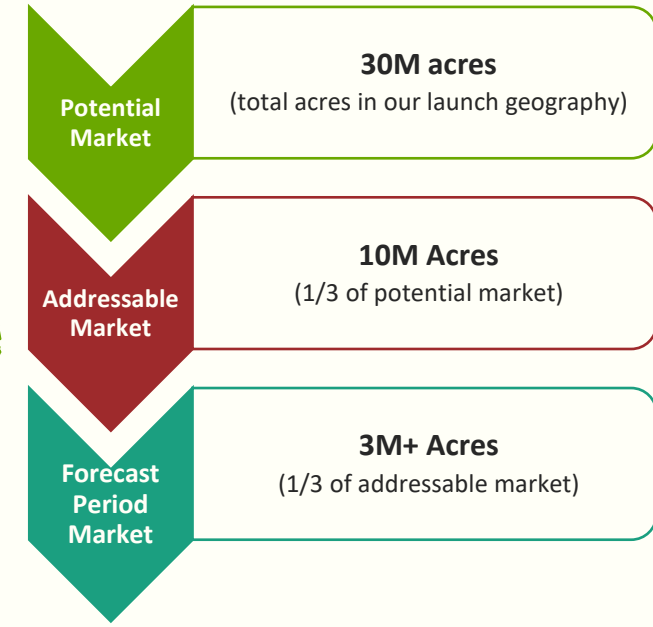
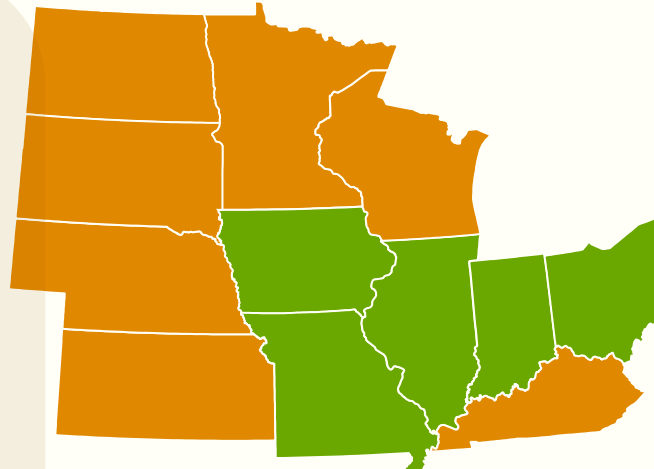
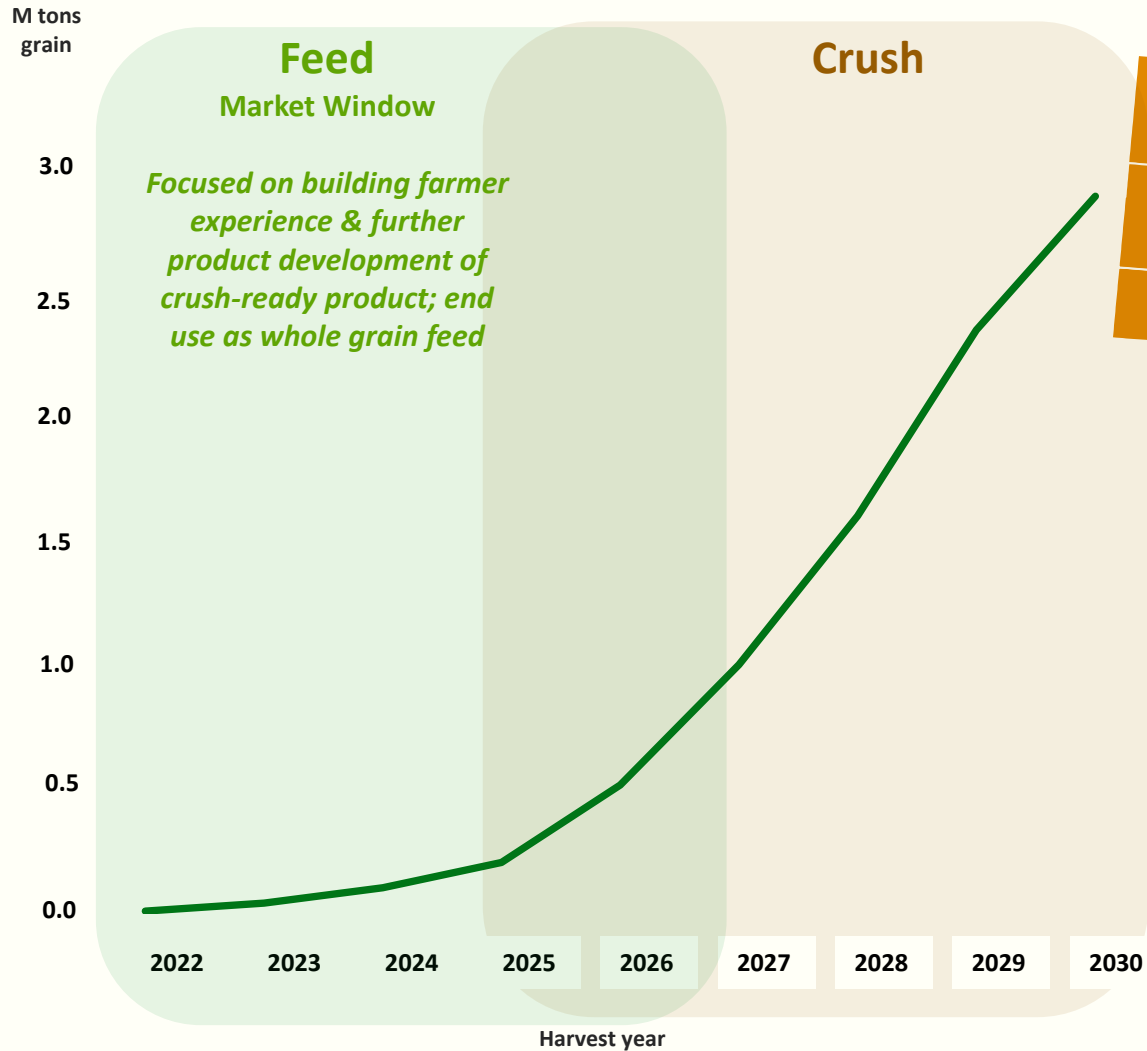
- 9 years of Development (breeding, selection, gene editing, field testing...) leveraging University, DOE & USDA work on pennycress

We Followed The Oilseed Rape To Canola Path In Developing CoverCress

# Part Of The Solution To A Low Carbon Future while delivering other benefits



# Focused First On Feed And Then On Oil from Crush



- ❖ Crush & fuel partnership With Bunge-Chevron.
- ❖ 10M acres = ~6 B lbs. new oil potential over time

Thank You



CoverCress