



# Discover the Benefits of a New Winter Oilseed Crop

**BioEnergy Technologies Office Workshop**

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Matt Luetje, COO



# The Challenge

“U.S. renewable diesel production capacity will more than double to about 5.0B gal by 2024 from about 2.0B gal”

– Greg Heckman. Bunge CEO

Renewable diesel production capacity is expected to nearly quintuple to about 2.65B gallons (63M barrels) by 2024.

But, that will require an additional 17B lbs of feedstock, creating friction between existing biodiesel and food customers according to investment bank Goldman Sachs.<sup>2</sup>

“If we’re going to use more renewable diesel fuel, we must grow disproportionately more soybeans in the U.S. because we need about 9.0M more soybean acres to fuel the new crush plants for soybeans alone” - Gary Halvorson, CHS Inc. VP

# The Solution

**Wild Type**  
Field Pennycress



**CoverCress™**  
*Novel Winter Oilseed Crop*



**Benefits of a cover crop,**  
improving soil health,  
reducing nutrient run-off  
and sequestering carbon

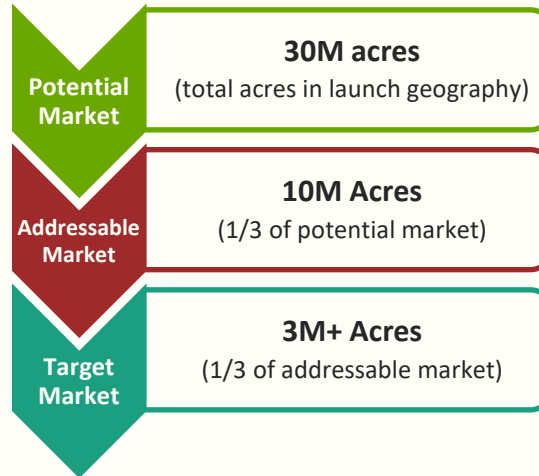
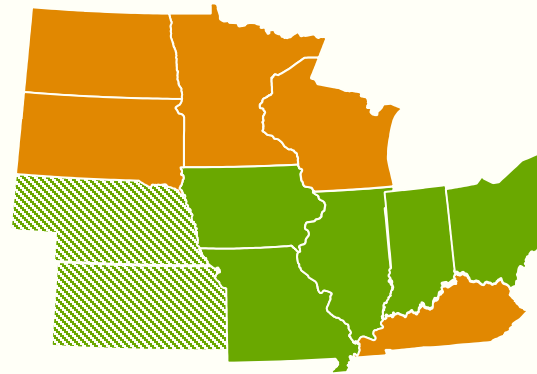
**Provides farmers the economic benefits of**  
a new rotational crop  
transforming corn-soy  
rotation into 3 cash crops

**Leverages arable land**  
during off-season and  
existing farm equipment

Closed-loop market  
**mitigates the risk for farmer adoption** of CoverCress™

# Introducing a “new crop” to the U.S. requires fortitude

## Next Steps



## Scale & Approvals

USDA APHIS:

- AIR → RSR

EPA:

- FIFRA
- FFDCA
- RFS

FDA:

- GRAS



Pending Regulatory Approval of Seeding *Thlaspi arvense*



Thank you



CoverCress

