# Forever Green Initiative

MBOLD
MINNESOTA: LEADING THE WAY TO THE FUTURE OF FOOD

Forever Green Initiative

University of Minnesota | CFANS
College of Food, Agricultural and Natural Resource Sciences

# Winter Camelina

## Co-designing commercialization pathways to scale up the cover crop Winter Camelina

As part of an ongoing effort to commercialize winter camelina, we are seeking growers to pilot several hundred acres of camelina production in Fall 2022 as part of typical corn / soy rotations. Cost-share dollars are available to de-risk production for growers. This is part of a broader collaboration with leaders across the value chain to scale up camelina production, conduct product R&D to identify market opportunities, test supply chain efficiencies and grow the seed for planting next year.

**PROGRAM DETAILS:**

- **TOTAL TARGETED ACREAGE:** Roughly 200 acres to start, seeking resources to expand further
- **ACRES PER GROWER:** Roughly 20-40 acres per planting
- **TOTAL GROWERS:** A cohort of 5-10 growers total
- **WHERE:** Targeted Economic and Environmental Clusters of Opportunity (ECCOs) as shown to the right. Priority focus on Drinking Water Source Management Areas (DWSMAs) where possible, but other areas will be considered, including regions with proximity to processing infrastructure
- **PRODUCTION and ROTATIONS:** Participating growers would ideally plant camelina after a short-season crop they have in now such as spring wheat, pea, corn silage, hybrid rye, etc. and be planning on soybean in '22. Camelina would be planted this Fall in mid-September and relay-cropped with soybean in the Spring.
- **GROWER PAYMENT FOR PARTICIPATION ($$$):** $250/acre. This payment amount is a combination of 1) full production costs for winter camelina through harvest ($130/ac) and 2) a generous estimate of yield drag on the following soybean crop ($120/ac. This amount is negotiable and dependant upon rotation plan). Assuming that good faith efforts are made to follow best management practices, the $250/ac is not contingent on yield.
- **TECHNICAL SUPPORT:** The UMN winter oilseeds agronomy team will provide remote and in-field technical assistance.

### COUNTIES INCLUDED:

- **Southeast EECO:** Dakota, Goodhue, Wabasha, Winona, Houston, Fillmore, Olmsted, Mower, Freeborn, Waseca, Steele, Dodge, Rice, Le Seur, or Nicollet Counties
- **Southwest EECO:** Nobles, Murray, Lyon, Rock, Pipestone, Lincoln, Yellow Medicine, Lac qui Parle, or Big Stone Counties
- **Central EECO:** Stearns, Todd, Wadena, Hubbard, Cass, Crow Wing, Morrison, Benton, Sherburne, Mille Lacs, or Isanti Counties
- **Iowa:** Black Hawk Creek Watershed

- **WHAT HAPPENS WITH THE HARVEST:** UMN Forever Green owns the camelina harvest. Product may need to be held on-farm for a bit (but not indefinitely) as we broker supply to involved end-users.
- **WHY ARE WE DOING THIS?:** To support the next phase of industry R&D, foster early commercial activity and de-risk initial production for participating growers. Examples of upcoming activities include product R&D, feeding trials, pilot-scaling crushing and development of seed supply for 2022.
- **CALL TO ACTION:**
  Please reach out to Colin Cureton at Forever Green to learn more about how you can participate. Contact information below.

**MBOLD** is working to accelerate solutions to critical challenges facing the food and agriculture sectors, particularly climate change and the growing demand for food. Advancing soil health and water stewardship on agricultural land is a high priority, including strategies "to make cover crops pay". MBOLD members include General Mills, Cargill, Target, Schwan's Co., Compeer Financial, Land O'Lakes, Ecolab and the University of Minnesota as well as AURI, the Minnesota AgriGrowth Council, Grow North and McKinsey & Co. To learn more, see mbold.org.

**UNIVERSITY OF MN: FOREVER GREEN INITIATIVE (FGI)**: Keeping our agricultural lands in continuous living cover is critical for protecting our soil and water. FGI is leading the country in developing winter annual and perennial crops for agricultural production that strengthens economies while protecting our natural resources.

MBOLD
MINNESOTA: LEADING THE WAY TO THE FUTURE OF FOOD

Forever Green Initiative

University of Minnesota | CFANS College of Food, Agricultural and Natural Resource Sciences

**MBOLD contact**
JoAnne Berkenkamp
JoAnne.Berkenkamp@greatermsp.org

**UMN FGI contact**
Colin Cureton
612-750-4967
cure0012@umn.edu