# **IAMP-Idaho**

# **Innovative Agriculture & Marketing Partnership**

# University of Idaho

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Finkelnburg, D.<sup>1</sup>, Baughn, G.<sup>4</sup>, Broncheau, A.<sup>7</sup>, Brooks, E.<sup>1</sup>, Cannon, K.<sup>7</sup>, Chen, L.<sup>1</sup>, Chibisa, G.<sup>1</sup>, Cosden, C.<sup>1</sup>, Crescenti, N.<sup>8</sup>, Eigenbrode, S.<sup>1</sup>, Elliott, J.<sup>6</sup>, Ghimire, N.<sup>1</sup>, Green, G.<sup>4</sup>, Hatzenbuehler, P.<sup>1</sup>, Hines, S.<sup>1</sup>, Johnson, B.<sup>8</sup>, Johnson-Maynard, J.<sup>2</sup>, Jones, B.<sup>5</sup>, Jones, T.<sup>6</sup>, Kahl, K.<sup>1</sup>, Kayler, Z.<sup>1</sup>, Liang, X.<sup>1</sup>, Nomee, S.<sup>1</sup>, O'Neal, T.<sup>5</sup>, Opp, T.<sup>4</sup>, Rasmussen, L.<sup>6</sup>, Sagers, J.<sup>1</sup>, Saul, D.<sup>3</sup>, Scott, D.<sup>1</sup>, Sheneman, L.<sup>1</sup>, Spackman, J.<sup>1</sup>, Stinson, K.<sup>6</sup>, Wenninger, E.<sup>1</sup>



#### Abstract

The Innovative Agriculture and Marketing Partnership (IAMP) of Idaho, a collaboration led by the University of Idaho, is set to revolutionize farming practices on over 200 farms with a \$55 million grant from the U.S. Department of Agriculture. This initiative focuses on integrating climate-smart practices such as cover cropping, targeted grazing, reduced or no-till, interseeding, precision fertilizer application, and the use of biochar as a soil amendment. Farmers and ranchers will select from an approved list of practices, tailoring approaches to their specific needs. IAMP-Idaho aims to create a win-win situation: reducing greenhouse gas emissions for climate benefit and enhancing sustainability and profitability for growers. This approach is expected to prevent 31,000-70,000 metric tons of CO<sub>2</sub> equivalents (CO<sub>2</sub>eq) from entering the atmosphere annually, while enriching soil organic matter. Potential benefits include expanded markets and new revenue streams for Idaho's agricultural community, strengthening the industry. Moreover, it could generate valuable data for future carbon credit trading, positioning Idaho's producers at the forefront of climate-smart agriculture and even influencing national policy. Involving a diverse coalition, including Tribes, underserved communities, commodity commissions, and major companies, IAMP-Idaho exemplifies a comprehensive strategy for sustainable agriculture, balancing environmental stewardship with economic viability.



#### **Producer Incentives & Support**

- \$38-74/acre/year incentives; multi-year contracts; practice stacking may increase incentives.
- Extensive documentation of practices and management.

# **Project Significance & Strategy**

• Uniting producers, public, private, and non-profit sectors.

• Addressing current lack of robust research into CS farming practices as implemented in some of Idaho's major agricultural commodities.



#### **Eligible Commodities**





• Cover cropping, with and without livestock grazing.



# **Funded Partnership Goals**

- Increase CO<sub>2</sub>eq reducing practice adoption through financial/technical aid.
- Boost productivity and sustainability, especially for underserved producers.
- Create efficient methods for monitoring, reporting, and verification of GHG reductions.
- Develop and strengthen supply chains and markets for CS Idaho commodities

#### **Expected Outcomes**

- Significant reduction in CO<sub>2</sub> emissions (60,000 tons  $CO_2eq/year$ ).
- Offsets 6,000,000 gallons of gasoline consumed



• New and strengthened supply chains and markets for CS Idaho Commodities.

• Enhanced assessment tools for GHG mitigation in major crops.

- Reduced and no-till farming.
  - Inter-seeding legumes.
- Precision fertilizer application.
- 15% or more nitrogen fertilizer replacement with composted manure.
  - Biochar as soil amendment.

# **Technical Support & Research**

- Four benchmark farms will be developed to continually monitor greenhouse gases (GHG) and performance of target crops under climate smart (CS) management.
- Producers will sign up with partner organizations and receive payments to offset the cost of adopting CS practices (Tier 1 and Tier 2 farms).
- All sites will be distributed to provide adequate data for modeling GHG emissions in each of Idaho's eligible commodities production regions.
- COMET Model used to estimate CO<sub>2</sub>eq impact by practice adoption

- Extensive resources and publications on CS farming impacts.
- Refined models for GHG and soil carbon storage estimation.
- Online tools for decision support regarding CS practices.
- Increased integration of grazing into commodity crop production systems

### **How To Participate**



When open, enrollment application will be available at imap.uidaho.edu

Conservancy

Idaho

















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