



American Malting Barley Association, Inc.

2022-2023 Funded Research

Researcher	Affiliation	Project
Brian Steffenson	University of Minnesota	Investigations on barley diseases and their control and development of two-rowed malting barley germplasm with low temperature tolerance
Carl Duley	University of Wisconsin	Sustainable western Wisconsin malting barley production
Brook Wilke James DeDecker Monica Jean	Michigan State University	Improving resilience of U.S. barley production through winter barley in the Great Lakes Region
Do Mornhinweg	USDA-ARS, Stillwater	Aphid-resistant malting barley germplasm enhancement and evaluation
Eric Stockinger	Ohio State University, Wooster	Winter growth habit recombinant inbred line populations for breeding winter-hardy, lodging-resistant malting barley – developing and crossing advanced selections
Glen Fox	University of California-Davis	Effect of genotype and environment on the starch gelatinization and malting quality of Californian winter barley
Heather Darby	University of Vermont	Northeast malting barley evaluation and production
Isabel Alicia del Blanco Jorge Dubcovsky Allison Krill-Brown	UC-Davis	Development of two-row spring malting barley
Jamie Sherman Hannah Estabrooks Greg Lutgen	Montana State University	Barley breeding for Montana: Ensuring a stable malt supply with new traits to improve quality

Jared Spackman	University of Idaho	Irrigated spring malt barley yield, grain quality, and malt quality response to nitrogen and sulfur fertilization
Jonathan Jacobs	Ohio State University, Columbus	Fortifying U.S. barley production against Bacterial Leaf Streak disease
Katherine Frels	University of Nebraska	Winter-hardy 2-row malting barley cultivar development for the great plains
Kevin Smith	University of Minnesota	Two-row barley improvement -- University of Minnesota
Margaret Krause	Utah State University	Winter malting barley for Utah: dryland vs. irrigated
Nicholas Santantonio	Virginia Tech	Development of two-row winter malt barley cultivars for the eastern U.S.
Pat Hayes	Oregon State University	Optimizing malting quality, disease resistance, and low temperature tolerance via accelerated development of two-row winter and facultative malting barley varieties
Rich Horsley	North Dakota State University	Breeding and genetics of two-rowed malting barley
Robert Brueggeman	Washington State University	Developing two-row malting varieties for the Pacific Northwest
Ruth Dill-Macky	University of Minnesota	Management and epidemiology of barley diseases
Tom Baldwin	North Dakota State University	Management and innovative research on economically important barley diseases
Zack Bateson M. Oneil	National Agricultural Genotyping Center	Improving the discriminatory power of varietal identification and certification tests of barley
Zhaohui Liu	North Dakota State University	Identification of Bacterial Leaf Streak susceptibility genes in barley through RNA sequencing