

MONTANA WHEAT AND BARLEY COMMITTEE

Spring Board Meeting

MWBC Office

Great Falls, Montana

February 27-28, 2020

The following were present for either a portion of or the entire meeting.

DIRECTORS

Charlie Bumgarner, Chairman

Alan Klempel, Vice Chairman

Llew Jones, Director

Max Cederberg, Director

Adam Carney, Director

Mike O'Hara, Director

STAFF

Cassidy Marn, Executive Vice President

Kolleen Spurgin, Budget & Grants Coordinator

Tammy Suek, Administrative Assistant

GUESTS

Vince Mattson, Vice President, MT Grain Growers

Blake Brawley, State Grain Lab

Lola Raska, Executive Vice President, MT Grain Growers

Anton Bekkerman, MSU

Mark Jirik, Executive Vice President, Northern Crops Institute

Mark Black, Malteurop

Ross Erickson, Malteurop

Lanny Jones, Durum Growers

Blake Inman, USDGA

Sam Schmidt, Montana Milling

Dr. David Sands

Hannah Turner, MSU

Jamie Sherman, MSU

Matt Drew, Montana Craft Malt

Randy Hinebauch, Producer

Thursday, February 27, 2020:

Chairman Bumgarner called the meeting to order at 9:00 a.m. Director O'Hara led the committee in prayer for Director Conover.

Director Jones moved, and Director Carney seconded the motion to approve the tentative agenda. The motion passed unanimously.

Introductions with crop reports were made around the room:

Mike – Seeding soon, the rest going well.

Llew – Slowing delivery

Adam – Winter still here but hauling grain

Charlie – Winter wheat seeded/Barley can't haul.

Al – Perfect winter

Max – Buried in snow

Review of December 2, 2019 Meeting Minutes

Chairman Bumgarner presented the minutes of the Budget Board Meeting.

Director Klempel moved, and Director O'Hara seconded the motion to approve the minutes. The motion passed unanimously.

Montana State University Update

Anton Bekkerman reported on MSU activities, including submitting proposals for wet labs at the research centers and a horticulture lab in Corvallis. There are many vacancy searches going on for most of the open positions.

Winter Barley Talk

Jamie Sherman talked to the Board about the direction of the winter barley program.

Barley to Beer Presentation

Northern Crops Institute organized an abbreviated Barley to Beer short course.

Friday, February 28, 2020:

Chairman Bumgarner called the meeting to order at 8:00 a.m.

Financial Update

EVP Marn gave the financial statement; the budget was adjusted for the addition of the \$66,000 for the combine requested by Peggy Lamb.

U.S. Wheat Associates Winter Board Meeting

Director Klempel attended the meeting in Washington DC. It was a good meeting and while they were there the China trade deal was signed.

U.S. Grains Council Board Meeting

Director O'Hara and Chairman Bumgarner reported on the meeting in Tampa. Director O'Hara is on the Asian A Team where barley was discussed, Southeast Asia is a growing market. Food barley is a big industry in the Japanese market. The Mexican freight issue was discussed.

Chairman Bumgarner attended the Western Hemisphere meeting and was disappointed that barley was not talked about very much.

National Barley Growers Board Meeting

Chairman Bumgarner and Director O'Hara attended the meeting in Washington DC, they reported that it was a productive meeting and felt it went well.

U.S. Durum Growers

Blake Inman gave an update on what the Durum Growers have been doing to help the industry. He also wanted to encourage MWBC to become involved with their organization.

Wheat Quality Council Meeting

Director Cederberg and EVP Marn attended the meeting in Kansas City, the director learned a lot about the importance of varieties of wheat to the end products. Cassidy has expressed the desire to be our own region for comparisons.

Montana Grain Growers Update

Executive Vice President Raska explained the revised WHIP Plus program.

Executive Vice President Update

EVP Marn informed the committee that the search for a new Marketing & Program director is underway and interviews would be happening soon, Chairman Bumgarner agreed to sit in on the interviews.

Cassidy is working on ways to get U.S. varieties accepted into Canada, so they are not all classified as feed wheat.

Montana Milling

Sam Smith and Dr. Sands came to talk to the directors about new weed research using bio control. They wanted to see if this is research the committee was interested in.

Director Jones

Director Jones wanted to talk about a new project that he is involved with, it involves the training of teens in the trades industries. He wanted the directors and other organizations to learn of the program and spread the word to school districts in their areas.

Approval of Staff and Director Travel

A few items were added to the upcoming travel (see below) for approval.

Director Carney moved to accept the new travel schedule with additions and Director Jones seconded. The motion passed unanimously.

Upcoming Events

| | |
|------------|--|
| Mar. 2-5 | Producer Tour – Portland, OR |
| Mar. 5 | Constellation Trade Team – Great Falls |
| Mar. 8-11 | National Barley Improvement Committee – Washington, DC |
| Mar. 25 | Northern Crops Board Meeting – Mandan, ND |
| Mar. 26-27 | Wheat Marketing Center Board Meeting – Portland, OR |
| Apr. 1-15 | MWBC Sponsorship Applications open |
| Apr. 14-15 | State Administrator's Meeting – Denver, CO |
| Apr. 20-22 | Craft Brewers Conference – San Antonio, TX |
| May 25 | Memorial Day – Office Closed |
| Jun. 25 | Havre Field Day |
| Jun. 30 | Huntley Field Day |
| Jul. 3 | Independence Day – Office Closed |
| Jul. 9 | Creston Field Day |
| Jul 12-15 | Wheat Foods Council Summer Meeting – Cincinnati, OH |

Montana Wheat & Barley Committee Board Meeting
Spring Board Meeting
February 27-28, 2020
4

| | |
|------------|--|
| Jul. 13-18 | US Wheat Summer Board Meeting – Cincinnati, OH |
| Jul. 14 | Moccasin Field Day |
| Jul. 16 | Sidney Field Day |
| Jul. 22 | Bozeman Post Farm Field Day |
| Jul. 27-29 | US Grains Council Board Meeting – Madison, WI |
| Jul. 29-31 | Latin American Buyers Conference—Mexico |
| Jul. 30 | Corvallis Field Day |
| Late July | North and South Asia Buyers Conference—Bali, Indonesia |
| Aug. 2-5 | Crop Survey Trade Team – Great Falls |
| Sep./Oct. | Governor’s Mission—Japan |
| Oct. 1-2 | MT Brewers Conference - Missoula |
| Oct. 23-25 | Cerveza Mexico—Mexico City |
| Nov. 1-5 | US Wheat Fall Board Meeting – Chandler, AZ |

New Business

Next board meeting – June 24, 2020, Sidney

Chairman Bumgarner adjourned the meeting at 11:30 a.m.

Director O’Hara moved to adjourn the meeting and Director Carney seconded.
The motion passed unanimously.

Cassidy Marn, Executive Vice President

Date

Montana Wheat & Barley Committee Board Meeting
 Spring Board Meeting
 February 27-28, 2020
 5

| RESEARCH | | 43% | 1,680,484 |
|--|-----------|------------|------------------|
| IPM OF WHEAT STEM SAWFLY | WEAVER | | \$225,000 |
| ASSESSING AGRONOMIC PRACTICES TO ADVANCE CEREAL PRODUCTION IN MONTANA | MAES | | \$175,000 |
| IDENTIFYING & DEVELOPING IMPROVED SPRING BARLEY VARIETIES FOR MONTANA | SHERMAN | | \$165,000 |
| GENETICALLY IMPROVED WINTER WHEAT CULTIVARS FOR MT | BRUCKNER | | \$155,000 |
| SPRING WHEAT BREEDING AND GENETICS | TALBERT | | \$145,000 |
| DURUM VARIETAL IMPROVEMENT & QUALITY TESTING | GIROUX | | \$102,905 |
| ADVANCE DISEASE RESISTANCE IN MONTANA'S WHEAT | A. DYER | | \$91,741 |
| WHEAT GENOMICS | GIROUX | | \$89,958 |
| IDENTIFYING & DEVELOPING IMPROVED WINTER BARLEY VARIETIES FOR MONTANA | SHERMAN | | \$67,000 |
| MOLECULAR WHEAT BREEDING PIPELINE | COOK | | \$63,000 |
| ASSESSMENT & MANAGEMENT OF PREHARVEST SPROUT & FALLING NUMBERS IN MT SMALL GRAINS | GIROUX | | \$58,000 |
| IMPROVED QUALITY OF MONTANA HARD RED AND HARD WHITE WHEAT | NASH | | \$55,150 |
| INVESTIGATING ROOT GROWTH IN STAY-GREEN & LOW PROTEIN WHEAT AND BARLEY PARENTS | BAURGAULT | | \$52,915 |
| EVAL. OF THE EFFECTIVENESS OF ENTOMOPATHOGENS (FUNGUS & NEMATODES) FOR MGMT OF WIREWORMS ON SPRING WHEAT | IVIE | | \$40,000 |
| EVAL. SPRING WHEAT, DURUM & BARLEY BREEDING NURSERIES UNDER DRYLAND & IRRIGATION ENVIRONMENTS | CHEN | | \$31,480 |
| WHEAT STREAK MOSIAC VIRUS VARIETY TRIALS | BURROWS | | \$28,000 |
| MALT QUALITY OF MT OFF STATION NURSERIES/PROVIDING REGION SPECIFIC QUALITY INFORMATION, ENVIRONMENTAL IMPACT & QUALITY STABILITY | SHERMAN | | \$26,716 |
| WHEAT AND BARLEY VARIETY SURVEY | FULLER | | \$16,500 |
| UNDERSTANDING HERBICIDE PERFORMANCE IN THE CONTEXT OF SOIL ACIDIFICATION | SEIPEL | | \$15,000 |
| BENEFITS OF ROTATION ON WHEAT ON CROPS FOLLOWING WHEAT | CARR | | \$14,889 |
| SOIL CARBON ACCRUAL IN PROGRESSIVE MT CROP ROTATIONS | MILLER | | \$14,000 |
| RELATIVE ROTATIONAL RESPONSE OF DRYLAND CROPS IN MONTANA | MCVAY | | \$13,440 |
| ASSESSMENT OF FUSARIUM HEAD BLIGHT SEVERITY CAUSED BY FUSARIUM AVENACEUM FROM DISEASED GRAIN | CRUTCHER | | \$12,290 |
| MSU CELEBRATE AG!! WEEKEND 2020 | FRASER | | \$4,000 |
| MONTANA AG LIVE! | DECKER | | \$3,500 |
| WBC UNANTICIPATED SPECIAL PROJECT FUNDING - RESEARCH | | | \$15,000 |
| MARKET DEVELOPMENT | | 28% | 1,117,793 |
| J.S. WHEAT ASSOCIATES, INC. | | | |
| BOARD MEMBER ASSESSMENT | | | 680,700 |
| SPECIAL PROJECTS, TECHNICAL MEETINGS & TRADE TEAM ACTIVITIES | | | 30,000 |
| J.S. GRAINS COUNCIL | | | |
| BOARD MEMBER ASSESSMENT | | | 80,850 |
| SPECIAL PROJECTS & TRADE TEAM ACTIVITIES | | | 10,000 |
| WHEAT FOODS COUNCIL | | | |
| BOARD MEMBER ASSESSMENT | | | 80,977 |
| NORTHERN CROPS INSTITUTE | | | |
| GENERAL OPERATING SUPPORT | | | 40,000 |
| NORTH DAKOTA STATE UNIVERSITY | | | |
| 2020 HARD RED SPRING WHEAT REGIONAL QUALITY SURVEY | | | 22,500 |
| 2020 MONTANA BARLEY CROP QUALITY SURVEY AND REPORT | | | 12,000 |
| WHEAT MARKETING CENTER | | | |
| IMPROVING THE COMPETITIVE EDGE OF MONTANA WHEAT/GENERAL SUPPORT | | | 80,000 |
| MONTANA WHEAT EXPORT TOUR & WHEAT QUALITY WORKSHOPS | | | 22,000 |
| CONNECTING WHEAT PROFESSIONALS | | | 12,000 |
| WHEAT QUALITY COUNCIL | | | |
| 2020 WHEAT QUALITY COUNCIL DUES | | | 4,000 |
| PLAINS GRAINS INC | | | |
| 2020 HRW WHEAT QUALITY SURVEY & ADMINISTRATIVE PROPOSAL | | | 11,766 |
| MWBC PROCUREMENT RFP/MARKETING WHEAT & BARLEY CONSULTANT | | | |
| TWEET CONSULTING, LLC | | | 16,000 |
| WBC UNANTICIPATED SPECIAL PROJECT FUNDING - MARKETING | | | 15,000 |

Montana Wheat & Barley Committee Board Meeting
 Spring Board Meeting
 February 27-28, 2020
 6

| MONTANA WHEAT & BARLEY COMMITTEE | | CALENDAR YEAR 2020 BUDGET | | pg. 2 |
|--|--|----------------------------------|--------------------|--------------|
| | | 6% | 236,075 | |
| ADVANCING THE MONTANA WHEAT INDUSTRY: ENERGY, ENVIRONMENT & CONSERVATION ACTIVITIES; WHEAT INNOVATION; PUBLIC PROMOTION & COLLABORATION AND COMPETITIVE TRANSPORTATION & TRADE | | | | |
| | | | 156,000 | |
| MONTANA GRAIN GROWERS ASSOCIATION | | | | |
| ADVANCING THE MONTANA BARLEY INDUSTRY: ENHANCING THE PROFITABILITY OF THE BARLEY INDUSTRY | | | | |
| | | | 29,075 | |
| MONTANA FUTURE FARMERS OF AMERICA FOUNDATION | | | | |
| GENERAL SUPPORT | | | | |
| | | | 10,000 | |
| MONTANA DEPARTMENT OF AGRICULTURE | | | | |
| YOUNG AG COUPLES CONFERENCE | | | | |
| | | | 5,000 | |
| MONTANA FARM BUREAU FEDERATION | | | | |
| YOUNG AG LEADERSHIP CONFERENCE | | | | |
| | | | 5,000 | |
| MSU EXTENSION | | | | |
| "REAL MONTANA" - RESOURCE EDUCATION & AG LEADERSHIP | | | | |
| | | | 5,000 | |
| GLASGOW AREA CHAMBER OF COMMERCE/AGRICULTURE | | | | |
| 2020 NORTHEAST MT AG EXPO "NEW TRENDS IN AG" SEMINAR | | | | |
| | | | 6,000 | |
| MWBC PROCUREMENT RFP/MEDIA OUTREACH THROUGHOUT MONTANA | | | | |
| BANIK COMMUNICATIONS | | | | |
| | | | 5,000 | |
| MBC UNANTICIPATED SPECIAL PROJECT FUNDING - EDUCATION | | | | |
| | | | 15,000 | |
| TRANSPORTATION | | 1% | 55,000 | |
| MONTANA DEPARTMENT OF AGRICULTURE | | | | |
| CY20 MDA RAIL ADVOCACY AND INFORMATION | | | | |
| | | | 40,000 | |
| MBC UNANTICIPATED SPECIAL PROJECT FUNDING - TRANSPORTATION | | | | |
| | | | 15,000 | |
| OPERATIONS | | 22% | 850,470 | |
| EMPLOYEE SALARIES AND BENEFITS | | | | |
| | | | 387,503 | |
| CENTRALIZED SERVICES INDIRECT CHARGES | | | | |
| | | | 155,967 | |
| TRAVEL | | | | |
| | | | 110,000 | |
| MISCELLANEOUS EXPENSES | | | | |
| | | | 45,000 | |
| RENT | | | | |
| | | | 42,000 | |
| SUPPLIES AND MATERIALS | | | | |
| | | | 30,000 | |
| MISCELLANEOUS CONTRACTED SERVICES | | | | |
| | | | 25,000 | |
| COMMITTEE PER DIEM | | | | |
| | | | 15,000 | |
| COMMUNICATIONS | | | | |
| | | | 10,000 | |
| REPAIR AND MAINTENANCE | | | | |
| | | | 5,000 | |
| MWBC SPONSORSHIPS FOR CALENDAR YEAR 2020 | | | | |
| | | | 25,000 | |
| TOTAL CALENDAR YEAR 2020 BUDGET | | | \$3,939,822 | |