

MONTANA WHEAT & BARLEY COMMITTEE FY 2016 BUDGET

| RESEARCH | | 47% | 2,126,315 |
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| MONTANA STATE UNIVERSITY | | | |
| INTEGRATED PEST MANAGEMENT OF WSS | WEAVER | | \$292,796 |
| ASSESSING AGRONOMIC PRACTICES TO ADVANCE CEREAL PRODUCTION IN MONTANA | MAES | | \$210,000 |
| SPRING WHEAT BREEDING AND GENETICS | TALBERT | | \$120,000 |
| WINTER WHEAT BREEDING AND GENETICS | BRUCKNER | | \$120,000 |
| EQUIPMENT PURCHASE: PLOT COMBINE WITH 60" HEADER FOR CARC | WICHMAN | | \$107,006 |
| ORANGE WHEAT BLOSSOM MIDGE MANAGEMENT | STOUGAARD | | \$98,374 |
| IMPROVING BARLEY FOR MONTANA | SHERMAN | | \$89,000 |
| CREATION AND YIELD TESTING OF NEW SEMI-DWARFING ALLELES | GIROUX | | \$64,540 |
| CREATE BROAD-SPECTRUM RESISTANCE TO BIOTROPHIC PATHOGENS IN WHEAT | HUANG | | \$62,718 |
| IMPROVING PERFORMANCE OF WSS PARASITIDS | WEAVER | | \$61,037 |
| IMPROVING MALT QUALITY SELECTION FOR MONTANA | SHERMAN | | \$60,000 |
| EVAL. OF EFFECTIVENESS OF ENTOMOPATHOGENS FOR MGMT OF WIREWORMS ON SPRING WHEAT | REDDY | | \$60,000 |
| ADVANCING DISEASE RESISTANCE IN MONTANA'S WHEAT | DYER | | \$58,488 |
| MOLECULAR BREEDING PIPELINE FOR WHEAT | COOK | | \$55,000 |
| INVESTIGATION OF MULTIPLE HERBICIDE RESIST. IN KOCHIA POPULATIONS FROM MT WHEAT/FALLOW FIELDS | JHA | | \$48,600 |
| IMPROVED QUALITY OF MONTANA HARD RED AND HARD WHITE WHEATS | NASH | | \$43,750 |
| PREVALANCE OF ENTOMOPATHOGENIC FUNGUS, BEAUVERIA SPP,M, IN DIAPAUSING WSS LARVAE | REDDY | | \$40,994 |
| BIOLOGICAL CONTROL OF ORANGE BLOSSOM MIDGE, SITODIPLSIS MOSELLANA(DIPTERA: CECIDOMYLIDAE) | REDDY | | \$40,000 |
| CHARACTERIZATION OF NOVEL STEM SOLIDNESS GENES IN WHEAT | MARTIN | | \$38,850 |
| ON-FARM RESEARCH AND DISEASE EDUCATION IN MONTANA | BURROWS | | \$36,167 |
| ISOLATION OF THE WSS ENDOSYMBIONT, SPIROPLASMA SPP, & CHAR. OF IMPACTS ON WSS REPRODUCTION | YEOMAN | | \$35,050 |
| EFFECT OF GLYPHOSATE SELECTION PRESSURE ON SURVIVAL/REPRODUCTIVE FITNESS OF GLYPHOSATE RESISTANT KOCHIA | JHA | | \$31,950 |
| VARIETAL NITROGEN & WATER USE EFFICIENCY DIFFERENCES IN TWO MT CROPPING SYSTEMS | REDDY | | \$27,988 |
| CROP PRODUCTIVITY & GRAIN QUAL. IMPACTS OF IRRIGATION STRATEGIES UNDER CONTRASTING SOIL WATER HOLDING CAPACITY | TORRION | | \$27,547 |
| DETERMINING LOCAL CROP COEFFICIENTS FOR EFFICIENT IRRIGATION SCHEDULING IN MT | MCVAY | | \$26,300 |
| PESTICIDE EDUCATION FOR WHEAT AND BARLEY PRODUCERS | THARP | | \$25,138 |
| LIGHT-ACTIVATED SENSOR CONTROLLED SPRAYER TECH. FOR REDUCED HERBICIDE USE IN NO-TILL FALLOW | JHA | | \$22,800 |
| MODELING CARBON GAIN, WATER USE & GRAIN YIELD ACROSS A WHEAT/FALLOW CROPPING SEQUENCE | STOY | | \$20,000 |
| CONTROLLING MULTIPLE HERBICIDE-RESISTANT (MHR) WILD OATS | W. DYER | | \$20,000 |
| IMPROVING ACCURACY & ACCESS TO CROP PRODUCTION ECONOMICS DECISION TOOLS FOR MT PRODUCERS | BEKKERMAN | | \$16,187 |
| ASSESSING INTEGRATED APPROACHES TO MANAGE CANADA THISTLE & FIELD BINDWEED IN SMALL GRAINS | MENALLED | | \$14,555 |
| EXPANDING THE UNDERSTANDING OF THE IMPACTS & MGMT OF FIELD BINDWEED IN ORGANIC GRAIN PRODUCTION | Z. MILLER | | \$11,520 |
| WHEAT DOUBLE HAPLOID LINE DEVELOPMENT FEASIBILITY STUDY | COOK | | \$10,000 |
| LEGACY OF LONG-TERM DIVERSIFIED CROPPING SYSTEMS | P. MILLER | | \$9,167 |
| TABLE CONSTRUCTION FOR MILLING AREA/CONTRACTED SERVICES | NASH | | \$5,500 |
| PERTEN EQUIPMENT MAINTENANCE/CONTRACTED SERVICES | NASH | | \$4,740 |
| AG APPRECIATION WEEKEND | FRASER | | \$4,000 |
| USDA AGRICULTURAL RESEARCH SERVICE | | | |
| CHARACTERIZATION OF SPOT FORM NET BLOTCH ON BARLEY IN E. MT/GS5 LAB TECHNICIAN | FRIESEN | | \$36,205 |
| USING POPULATION MODELING TO PREDICT SUCCESS OF BIOLOGICAL CONTROLS AGAINST THE WSS | RAND | | \$13,188 |
| NORTH DAKOTA STATE UNIVERSITY RESEARCH | | | |
| PHYSIOLOGY, NITROGEN USE EFFICIENCY, PERFORMANCE & ECONOMICS OF HRS IN RESPONSE TO SULFUR & NITROGEN | P. GAUTAM | | \$37,309 |
| WBC UNANTICIPATED SPECIAL PROJECT FUNDING - RESEARCH | | | |
| | | | 19,851 |
| MARKET DEVELOPMENT | | 25% | 1,155,281 |
| U.S. WHEAT ASSOCIATES | | | |
| BOARD MEMBER ASSESSMENT | | | 628,300 |
| SPECIAL PROJECTS, TECHNICAL MEETINGS & TRADE TEAM ACTIVITIES | | | 50,000 |
| U.S. GRAINS COUNCIL | | | |
| BOARD MEMBER ASSESSMENT | | | 80,000 |
| SPECIAL PROJECTS & TRADE TEAM ACTIVITIES | | | 10,000 |
| WHEAT FOODS COUNCIL | | | |
| BOARD MEMBER ASSESSMENT | | | 82,915 |
| NORTHERN CROPS INSTITUTE | | | |
| GENERAL OPERATING SUPPORT | | | 30,000 |
| FOOD BARLEY MARKET DEVELOPMENT AND PROMOTION | | | 7,500 |
| NATIONAL PASTA ASSOCIATION | | | |
| BOARD MEMBER ASSESSMENT (ON-LINE APPLICATION) | | | 3,000 |
| 2015 PASTA FITS CAMPAIGN | | | 4,000 |
| NORTH DAKOTA STATE UNIVERSITY | | | |
| 2015 HARD RED SPRING AND DURUM QUALITY SURVEY & COLLECTION EXPENSES | | | 16,500 |
| 2015 MONTANA BARLEY CROP QUALITY SURVEY AND REPORT | | | 12,000 |
| WHEAT MARKETING CENTER | | | |
| IMPROVING THE COMPETITIVE EDGE OF MONTANA WHEAT/GENERAL SUPPORT | | | 75,000 |
| MONTANA WHEAT EXPORT TOUR & WHEAT QUALITY WORKSHOPS | | | 26,000 |
| CONNECTING WHEAT PROFESSIONALS | | | 10,000 |

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| MARKET DEVELOPMENT - Continued | | |
| MONTANA DEPARTMENT OF AGRICULTURE - STATE GRAIN LAB | | |
| GRAIN INSPECTION AND ANALYSIS EQUIPMENT | | 50,300 |
| WHEAT QUALITY COUNCIL | | |
| WHEAT QUALITY ENHANCEMENT AND COMPARISON | | 4,000 |
| PLAINS GRAINS INC | | |
| 2015 HRW WHEAT QUALITY SURVEY | | 11,766 |
| PERSONAL CONTRACT/BARLEY CONSULTANT-EXPERT | | |
| DAVE TWEET/TWEET CONSULTING, LLC | | 24,000 |
| WBC UNANTICIPATED SPECIAL PROJECT FUNDING - MARKETING | | |
| | 7% | 332,183 |
| EDUCATION AND INFORMATION | | |
| MONTANA GRAIN GROWERS ASSOCIATION | | |
| ENERGY, ENVIRONMENT & CONSERVATION ACTIVITIES | | 38,000 |
| WHEAT INNOVATION | | 38,000 |
| PUBLIC PROMOTION & COLLABORATION | | 38,000 |
| COMPETITIVE TRANSPORTATION & TRADE | | 38,000 |
| WHEAT INNOVATION ALLIANCE | | 7,000 |
| MONTANA GRAIN GROWERS ASSOCIATION | | |
| ENHANCING THE PROFITABILITY OF THE BARLEY INDUSTRY | | 26,883 |
| AGRICULTURE IN MONTANA SCHOOLS | | |
| STUDENT DRAWING CONTEST | | 3,800 |
| MONTANA AGRICULTURAL STATISTICS SERVICE | | |
| WHEAT AND BARLEY VARIETIES BY DISTRICT | | 15,500 |
| MONTANA AG STATISTICS BULLETIN | | 2,000 |
| MONTANA ROTATIONAL CROP COUNTY ESTIMATES | | 17,500 |
| WOMEN INVOLVED IN FARM ECONOMICS | | |
| MONTANA AG PROMOTIONAL ACTIVITIES | | 5,000 |
| MONTANA FUTURE FARMERS OF AMERICA FOUNDATION | | |
| GENERAL SUPPORT | | 10,000 |
| MONTANA DEPARTMENT OF AGRICULTURE | | |
| YOUNG AG COUPLES CONFERENCE | | 5,000 |
| AGRICULTURAL LITERACY SPECIALIST | | 27,500 |
| GALLATIN COUNTY AGRICULTURE COMMITTEE | | |
| "2016 FARM FAIR" | | 3,000 |
| MONTANA FARM BUREAU FEDERATION | | |
| YOUNG AG LEADERSHIP CONFERENCE | | 12,000 |
| MSU EXTENSION | | |
| "REAL MONTANA" - RESOURCE EDUCATION & AG LEADERSHIP | | 10,000 |
| MONTANA WHEAT & BARLEY COMMITTEE | | |
| MEDIA OUTREACH THROUGHOUT MONTANA | | 15,000 |
| WBC UNANTICIPATED SPECIAL PROJECT FUNDING - EDUCATION | | |
| | 3% | 154,000 |
| TRANSPORTATION | | |
| EXPERT RAIL REPRESENTATION | | |
| EXPERT CONTRACT/RFP RENEWAL-WHITESIDE & ASSOCIATES | | 100,000 |
| ARC BOARD MEMBER ASSESSMENT | | 10,000 |
| TEXAS TRADING AND TRANSPORTATION SERVICES, LLC | | |
| TRADE AND TRANSPORTATION | | 24,000 |
| WBC UNANTICIPATED SPECIAL PROJECT FUNDING - TRANSPORTATION | | |
| | 17% | 783,029 |
| OPERATIONS | | |
| EMPLOYEE SALARIES AND BENEFITS | | 360,000 |
| TRAVEL | | 110,000 |
| CENTRALIZED SERVICES | | 123,029 |
| MISCELLANEOUS EXPENSES | | 45,000 |
| SUPPLIES AND MATERIALS | | 30,000 |
| MISCELLANEOUS CONTRACTED SERVICES | | 25,000 |
| RENT | | 35,000 |
| COMMUNICATIONS | | 10,000 |
| COMMITTEE PER DIEM | | 15,000 |
| REPAIR AND MAINTENANCE | | 10,000 |
| MWBC SPONSORSHIPS FOR FY16 | | 20,000 |
| TOTAL FY 2016 BUDGET | | \$4,550,808 |