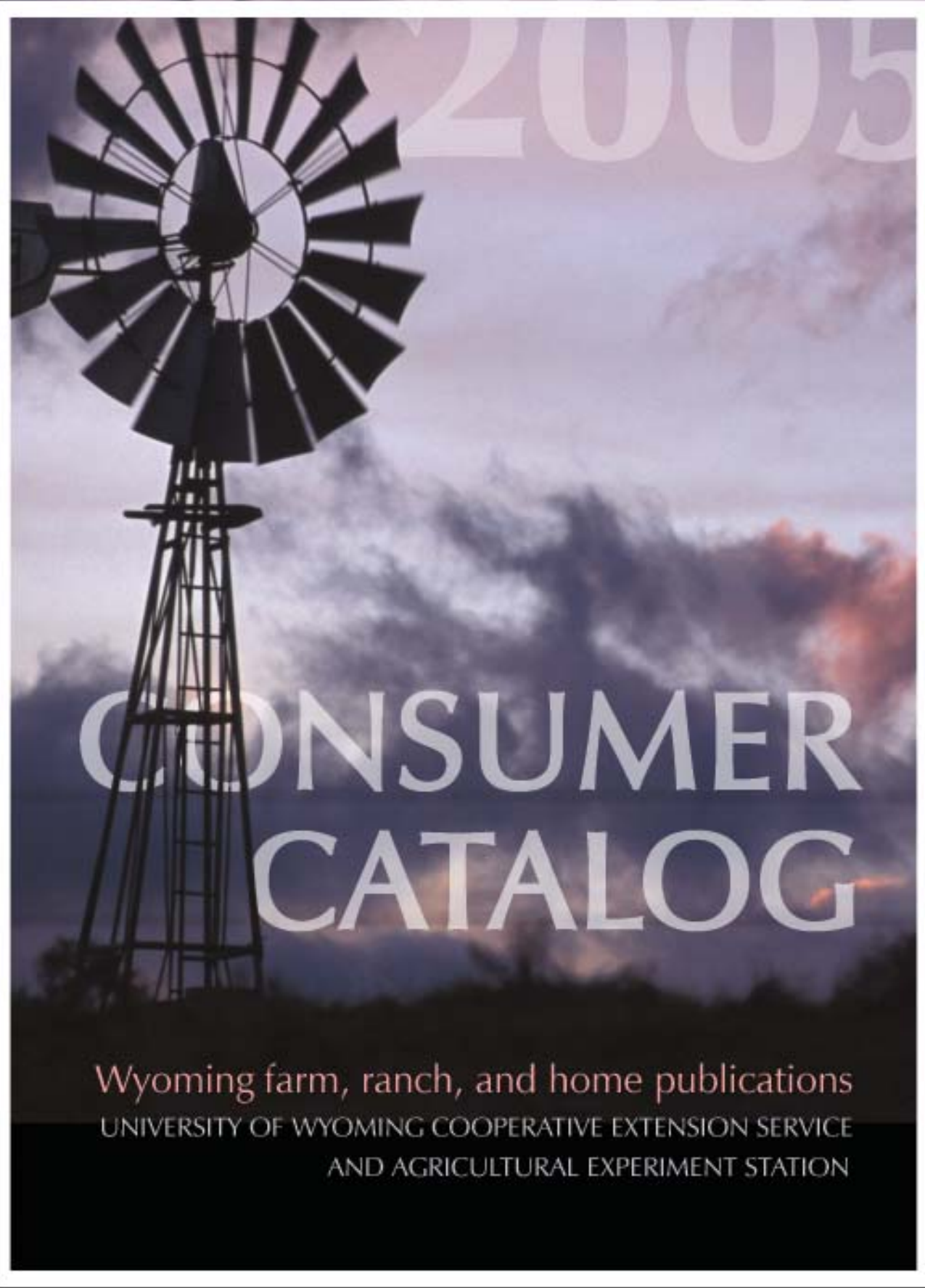


2005



# CONSUMER CATALOG

Wyoming farm, ranch, and home publications  
UNIVERSITY OF WYOMING COOPERATIVE EXTENSION SERVICE  
AND AGRICULTURAL EXPERIMENT STATION

# UNIVERSITY OF WYOMING

*Issued in furtherance of Cooperative Extension Service work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture.*

*Glen Whipple, director, Cooperative Extension Service, University of Wyoming, Laramie, Wyoming 82071-3354*

*James J. Jacobs, director, Agricultural Experiment Station, University of Wyoming, Box 3354, Laramie, WY 82071-3354*

*Frank D. Galey, dean, College of Agriculture, University of Wyoming, P.O. Box 3354, Laramie, WY 82071-3354*

*Persons seeking admission, employment, or access to programs of the University of Wyoming shall be considered without regard to race, color, religion, sex, national origin, disability, age, political belief, veteran status, sexual orientation, and marital or familial status. Persons with disabilities who require alternative means for communication or program information (Braille, large print, audiotape, etc.) should contact their local UW CES office. To file a complaint, write to the UW Employment Practices/Affirmative Action Office, University of Wyoming, Dept. 3454, Laramie, WY 82071.*

# TABLE OF CONTENTS

## Table of Contents

Ordering Publications ..... 1

Publication Key to Series Symbols ..... 1

### Agricultural and Applied Economics

Agricultural Business ..... 2

Economic Development ..... 2

Enterprise Budgets ..... 2

Farm and Ranch Production and Management ..... 3

Farm and Ranch Marketing ..... 4

Land and Natural Resources ..... 4

Recreation and Tourism ..... 4

Wyoming Open Spaces ..... 4

### Animal Science

Beef ..... 5

Horses ..... 5

Sheep ..... 5

### Engineering

Water, Water Laws, Equipment, and Irrigation ..... 5

### Family and Consumer Sciences

Finances ..... 6

Human Nutrition and Food ..... 6

USDA Home and Garden Bulletins ..... 6

Health and Safety ..... 6

Child and Family Studies ..... 6

The Personal Nature of Agriculture ..... 7

Agricultural Producers and Stress ..... 7

### Plant Sciences

Crop Science ..... 8

Hay Production ..... 8

Sugar Beet Production ..... 8

Miscellaneous Crop Production ..... 8

Gardening, Landscaping, and Trees .....	8
Gardening .....	8
Landscaping .....	9
Miscellaneous .....	9
Plant Pathology .....	9
Alfalfa .....	9
Potatoes .....	9
Sugar Beets .....	10
Trees and Shrubs .....	10
Miscellaneous Plant Pathology .....	10
Weeds and Weed Control .....	11
<b>Pesticide Application .....</b>	<b>11</b>
<b>Renewable Resources</b>	
Entomology .....	12
Crop Protection Entomology .....	12
Rangeland Entomology .....	13
Urban Entomology .....	13
General Insect Biology, Distribution, and Abundance .....	13
Rangeland Ecology and Watershed Management .....	13
Soil and Fertilizer .....	13
Wildlife .....	14
Animal Damage Management .....	14
Backyard and Urban Wildlife .....	14
Feeding .....	14
Habitat Development and Enhancement .....	14
Species Biology and Ecology .....	15
Wild Game Preparation and Cooking .....	15
Wyoming Range Facts .....	15
Miscellaneous Renewable Resources .....	15
<b>4-H Publications .....</b>	<b>15</b>
<b>Alphabetical Publications Listing .....</b>	<b>17</b>
<b>Publication Order Form .....</b>	<b>25</b>

# ORDERING PUBLICATIONS

## Ordering Publications

Publications listed in this catalog are available from the UW College of Agriculture through the Cooperative Extension Service (CES) and the Agricultural Experiment Station (AES). Supplements will be issued throughout the year. Free publications are specifically noted.

### Foreign residents and institutions

Shipping and handling for orders within the United States is included in the price of the publication. For orders to Canada or Mexico, add a 15 percent shipping and handling charge; for orders from all other countries, add 30 percent. Orders will not be processed if a shipping and handling charge is not included.

**Funds must be sent in U.S. currency, drawn on an American bank.** The Resource Center cannot accept foreign cash, currency, checks, or money orders.

### Sales tax

Out-of-state residents are exempt from paying sales tax; however, local sales tax (6 percent) must be added to all in-state orders. **Tax-exempt organizations must send proof of tax-exempt status with the order.**

### Payment

If ordering directly from the Office of Communications and Technology Resource Center, make checks payable to: Communications and Technology Publications Account or the University of Wyoming.

### Publication Key to Series Symbols

*	Indicates publications that can be accessed on our Web site: <a href="http://www.uwyo.edu/ces/pubs3.htm">www.uwyo.edu/ces/pubs3.htm</a>
AS	Miscellaneous Animal Science Publications
B	CES and AES Bulletins (recommended practices, general information, or how-to instructions for rural and urban residents)
HE	Miscellaneous Family and Consumer Sciences Publications
HGB and AB	USDA Home and Garden Bulletins
MP	Miscellaneous Publications
MUW	Publication completed in cooperation with Montana, Utah, and Wyoming
NIH	National Institute of Health Bulletins
PNW	Pacific Northwest Publications (topics with local as well as regional application)
PSIS	Miscellaneous Plant Sciences Publications
RJ	Research Journals (progress and specialized research reports)
RM	Miscellaneous Renewable Resources Publications
SM	Science Monographs (complete and detailed research data, including research methods, procedures, findings, and supplemental references)
WSWS	Western Society of Weed Sciences Publications

### Additional information

For more information or to place an order, contact a local UW Cooperative Extension Service office (address list at the back of this catalog) or contact:

Office of Communications and  
Technology Resource Center  
Dept. 3313  
1000 E. University Ave.  
Laramie, WY 82071-3313  
Office: (307) 766-2115  
Fax: (307) 766-2800

### Billing

The Resource Center **will not** bill individuals for less than \$10; such orders must be prepaid.

To pay by credit card, see the Publication Order Form at the end of the catalog.

# AGRICULTURAL AND

## Agricultural and Applied Economics

**Agricultural Business**  
**Agricultural Loan Volume and Market Share Trends in Wyoming: 1976-90**

(1990) B-949 1.00

**Selecting the Right Business Form for an Agricultural and Alternative Agricultural Business**

(2004) \*B-1149 6.00

**Economic Development**  
**Impact of Agriculture on Wyoming's Economy**

(1991) \* B-954 .75

**Economic Trends in Wyoming's Mineral Sector: Gas and Oil**

(2001) \*B-1112 5.00

**Economic Trends in Wyoming's Mineral Sector: Coal**

(2002) \*B-1116 5.00

**The Economic Importance of the Health Care Sector in Sheridan County**

(2002) \*B-1119 2.50

**Economic Trends in Wyoming's Travel and Tourism Sector**

(2002) \*B-1131 5.00

**Enterprise Budgets**

**Enterprise Budget: Bison Cow-Calf**  
 (2001) \*B-1092 5.00

**Enterprise Budget: Malting Barley—Powell Area, Wyoming**  
 (1995) \*MP-70R Web only

**Enterprise Budget: Alfalfa Establishment—Powell Area, Wyoming**  
 (1995) \*MP-70.1R Web only

**Enterprise Budget: Alfalfa Hay, Baled—Powell Area, Wyoming**  
 (1995) \*MP-70.2R Web only

**Enterprise Budget: Dry Beans—Powell Area, Wyoming**  
 (1995) \*MP-70.3R Web only

**Enterprise Budget: Sugar Beets, Thick Planted—Powell Area, Wyoming**  
 (1995) \*MP-70.4R Web only

**Enterprise Budget: Alfalfa Establishment—Wheatland Area, Wyoming**  
 (1992) \*MP-72 Web only

**Enterprise Budget: Alfalfa Hay, Baled—Wheatland Area, Wyoming**  
 (1992) \*MP-72.1 Web only

**Enterprise Budget: Dry Beans—Wheatland Area, Wyoming**  
 (1992) \*MP-72.2 Web only

**Enterprise Budget: Sugar Beets—Wheatland Area, Wyoming**  
 (1992) \*MP-72.3 Web only

**Enterprise Budget: Corn for Grain—Wheatland Area, Wyoming**  
 (1992) \*MP-72.4 Web only

**Enterprise Budget: Corn for Silage—Wheatland Area, Wyoming**  
 (1992) \*MP-72.5 Web only

**Enterprise Budget: Setaside Program—Wheatland Area, Wyoming**  
 (1992) \*MP-72.6 Web only

**Enterprise Budget: Alfalfa Establishment—Riverton Area, Wyoming**  
 (1994) \*MP-88 Web only

**Enterprise Budget: Alfalfa Hay, Baled—Riverton Area, Wyoming**  
 (1994) \*MP-88.1 Web only

\*Indicates publication on Web site



## Economic Trends in Wyoming's Mineral Sector

Development of mineral resources touches every sector of Wyoming's economy—if not directly, then through the revenue generated by the industry and distributed by the state and federal government. According to the Gross State Project, the mining and minerals sector is the largest in the state's economy.

This series shows how patterns of development in the sector have played an important role in forming today's economy and explores current trends in the industry with respect to their impacts on Wyoming's economy. Historical contexts are presented to lay the groundwork for current information on production, employment, and income. Revenue contributions to the state's economy and the authors' views of the future directions of the coal, gas, and oil industries in the state are outlined as well. **B-1112, B-1116**

# APPLIED ECONOMICS

**Enterprise Budget: Dry Beans—  
Riverton Area, Wyoming**  
(1994) \*MP-88.2 Web only

**Enterprise Budget: Sugar Beets—  
Riverton Area, Wyoming**  
(1994) \*MP-88.3 Web only

**Enterprise Budget: Feed Barley—  
Riverton Area, Wyoming**  
(1994) \*MP-88.4 Web only

**Enterprise Budget: Aftermath  
Grazing—Riverton Area, Wyoming**  
(1994) \*MP-88.5 Web only

**Enterprise Budget: Malting Barley—  
Big Horn-Washakie County**  
(1997) \*MP-100.1 Web only

**Enterprise Budget: Alfalfa  
Establishment—Big Horn-  
Washakie County**  
(1997) \*MP-100.2 Web only

**Enterprise Budget: Alfalfa Hay,  
Baled—Big Horn-Washakie  
County**  
(1997) \*MP-100.3 Web only

**Enterprise Budget: Sugar Beets—  
Big Horn-Washakie County**  
(1997) \*MP-100.4 Web only

**Enterprise Budget: Corn for Silage—  
Big Horn-Washakie County**  
(1997) \*MP-100.5 Web only

**Enterprise Budget: Corn for Grain—  
Big Horn-Washakie County**  
(1997) \*MP-100.6 Web only

**Farm and Ranch Production and  
Management**  
**Wyoming Machinery and  
Operation Costs**  
(1993) \*B-982 Web only

**An Economic Evaluation of the  
Yield Advantage of Improved  
Varieties of Alfalfa**  
(1996) \*B-1044 Web only

**Custom Rates for Farm and Ranch  
Operations in Wyoming: 1995-96**  
(1997) \*B-1048 Web only

**Delaying Calving and Reducing  
Winter Feed Costs**  
(1999) \*B-1076 5.00

**Custom Rates for Farm and Ranch  
Operations in Wyoming: 1998-99**  
(2000) \*B-1084 3.00

**Custom Rates for Farm and Ranch  
Operation in Wyoming: 2000-  
2002 (2004) \*B-1142 4.50**

**U.S. Bison Census and Value of  
Production, 1997**  
(2000) \*MP-102 4.00



## Trends in Wyoming Agriculture

### The Changing Demographics of Wyoming Agricultural Operators: 1959-1997

Ever wondered how current trends fit into the big picture of Wyoming agriculture? See how the sector operates and learn how the reoccurring nature of agricultural cycles can be anticipated to lessen their impacts. **MP-103**

### Agricultural Income: 1959-1997

An awareness of socioeconomic factors for producers and policymakers is promoted. **MP-104**

### Size of Operation: 1935-1997

Here is an analysis from production, market share, political, and social points of view. **NP-105**

### Agricultural Employment: 1969-1997

Insight into changes due to shifts in economic activity is presented. **MP-106**

### Level of Production: 1925-1999

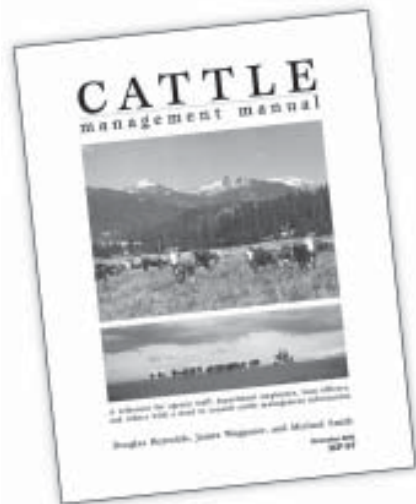
The challenges of globalization and the outlook for producers are discussed. **MP-107**

<b>Trends in Wyoming Agriculture — the Changing Demographics of Wyoming Agricultural Operators: 1959-1997</b>	<b>2002 Wyoming: Payment in Lieu of Taxes, available for each county</b>	<b>Web Page Design for the Farm/Ranch Recreation Business</b>
(2000) *MP-103 1.75	(2002) *B-1137 Web only	(2002) *B-1125.4 NC
<b>Trends in Wyoming Agriculture — Agricultural Income: 1959-1997</b>	<b>2003 Wyoming: Payment in Lieu of Taxes, available for each county</b>	<b>Wyoming Open Spaces</b>
(2000) *MP-104 1.75	(2003) *B-1154 Web only	<b>Second Home Growth in Wyoming 1990-2000</b>
<b>Trends in Wyoming Agriculture — Size of Operation: 1935-1997</b>	<b>2004 Wyoming: Payment in Lieu of Taxes, available for each county</b>	(2002) *B-1120 NC
(2000) *MP-105 1.50	(2005) *B-1163 Web only	<b>Population Change in Wyoming 1990-2000</b>
<b>Trends in Wyoming Agriculture — Agricultural Employment: 1969-1997</b>	<b>Uinta County Land Use and Planning Survey Results</b>	(2002) *B-1121 NC
(2000) *MP-106 2.00	(2002) *B-1106 11.50	<b>Conservation Easements: An Introductory Review for Wyoming</b>
<b>Trends in Wyoming Agriculture — Level of Production: 1925-1999</b>	<b>Sheridan County Land Use and Planning Survey Results</b>	(2002) *B-1132 NC
(2000) *MP-107 2.50	(2002) *B-1107 11.50	<b>The Cost of Community Services for Rural Residential Development in Wyoming</b>
<b>Farm and Ranch Marketing Profitability of Alternative Dryland Crop Rotations in Southeast Wyoming</b>	<b>Minimizing Ag Landholder Liability from Recreational Use of Private Land</b>	(2002) *B-1133 NC
(2000) *B-1086 2.00	(2002) *B-1114 8.00	<b>Public Funding Mechanisms for Open Space Protection: An Introduction for Wyoming</b>
<b>Marketing Wyoming Hard Red Winter Wheat in Specialty Markets</b>	<b>Wyoming Farm, Ranch, and Rural Land Market: 1999-2001</b>	(2002) *B-1135 NC
(2000) *B-1087 5.00	(2002) *B-1130 5.00	<b>Role of Agriculture in Maintaining Open Spaces in Wyoming</b>
<b>Potential for New Cooperative Models in Wyoming</b>	<b>Five-year Summary of Payment in Lieu of Taxes (PILT) to Wyoming Counties: 1998-2002</b>	(2003) *B-1141 NC
(2003) *B-1127 5.00	(2003) *B-1138 .25	<b>Role of Economic Importance of Private Lands in Providing Habitat for Wyoming's Big Game</b>
<b>Land and Natural Resources Wyoming Farm and Ranch Land Market: 1996-98</b>	<b>Living on a Few Acres in Wyoming</b>	(2004) *B-1150 NC
(2000) *B-1081 2.50	(1996) MP-86 1.25	<b>Big Game Migration Corridors in Wyoming</b>
<b>Results from a Land Use Survey in Sublette County, Wyoming</b>	<b>Recreation and Tourism Is a Farm/Ranch Recreation Business for You?</b>	(2004)*B-1155 NC
(1998) *B-1067 5.00	(2002) *B-1125.1 NC	<b>"Perpetuity" – What Does It Mean for Conservation Easements and the Wyoming Constitution?</b>
<b>2000 Wyoming: Payment in Lieu of Taxes, available for each county</b>	<b>Promoting the Farm or Ranch Recreation Business</b>	(2004) *B-1158 NC
(2000) *B-1091 Web only	(2002) *B-1125.2 NC	<b>Public Opinion in Wyoming on Conserving Agricultural Lands and Open Space</b>
<b>2001 Wyoming: Payment in Lieu of Taxes, available for each county</b>	<b>Using a Database: Build Your Farm/Ranch Recreation Business</b>	(2004) *B-1160 NC
(2001) *B-1091-01 Web only	(2002) *B-1125.3 NC	

# ANIMAL SCIENCE

## Animal Science

<b>Beef</b>	
<b>Cattle Management Manual</b> (2000) *MP-97	15.00
<b>Horses</b>	
<b>Practical Horse Nutrition and Feeding Management</b> (1997) B-1046	.50
<b>Sheep</b>	
<b>Sheep Bot Fly Biology and Management</b> (1992) *B-966	NC



## Cattle Management Manual

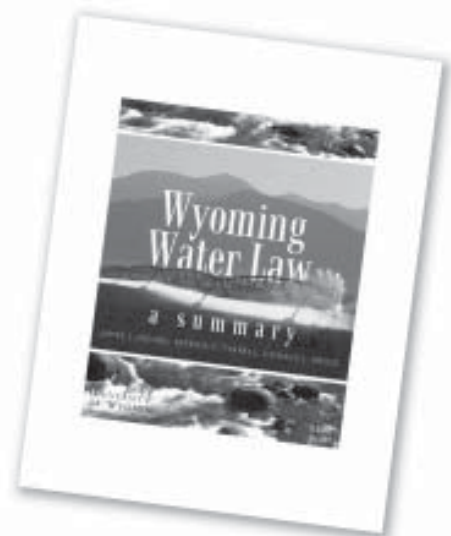
A quick reference for producers, this 75-page bulletin covers a variety of topics including cattle behavior and grazing, cattle riparian management, cattle nutrition, nutritional requirements and production, supplementation and substitution, marketing cattle, beef quality and yield grades, and range improvements.

MP-97

# ENGINEERING

## Engineering

<b>Water, Water Laws, Equipment, and Irrigation</b>	
<b>Irrigation Water Measurement: Irrigation Ditches and Pipelines</b> (1994) B-583R	3.00
<b>Wyoming Water Law: A Summary</b> (2001) *B-849R	5.00
<b>Groundwater Contamination</b> (1993) *B-973	.50
<b>Wyoming's Water Resources</b> (2000) *B-969R	1.50
<b>Waterborne Disease Alert for Campers</b> (1994) *B-1000	.25
<b>Chemigation Equipment and Calibration Procedures</b> (1995) *B-1023	1.75
<b>Chemigation Practices for Wyoming</b> (1995) *B-1024	.75



## Wyoming Water Law: A Summary

When it comes to Wyoming water, first in time is first in right. Statewide water rights are regulated by priority, and this bulletin provides the ins and outs of the laws governing both surface water and groundwater. **B-849R**

## FOR ORDERING EASE

The Ag Resource Center  
now accepts  
VISA and MasterCard  
as payment options

# FAMILY AND CONSUMER SCIENCES

## Family and Consumer Sciences

### Finances

**Wyoming Home Account Book**  
(1997) MP-16 4.00

### Human Nutrition and Food

**Baking at High Altitudes Cookbook**  
(2003) \*B-427 6.00

**Zucchini Patch Cookbook**  
(2003) \*B-669R 2.50

**Altitude Adjusters**  
(1998) \*B-734 1.00

**Preserving Wyoming's Wild Berries and Fruits**  
(1997) B-735R 2.00

**Preserving Food in Wyoming: Fruits**  
(1994) \*B-985.1 2.00

**Preserving Food in Wyoming: Jelly**  
(1994) \*B-985.2 2.00

**Preserving Food in Wyoming: Meat**  
(1994) \*B-985.3 2.00

**Preserving Food in Wyoming: Pickles**  
(1994) \*B-985.4 2.00

**Preserving Food in Wyoming: Tomatoes**  
(1994) B-985.5 2.00

**Preserving Food in Wyoming: Vegetables**  
(1994) B-985.6 2.00

**Bread Machine Baking at High Altitudes**  
(1994) \*B-989 .30

**Fat Substitutions in Home Baking**  
(1995) \*B-990 .25

**Childhood and Adolescent Obesity in America: What's a Parent to Do?**  
(1998) \*B-1066 1.25

**USDA Home and Garden Bulletins Complete Guide to Home Canning**  
(1994) AB-539 11.00

### Health and Safety

**Farm to Table: The Food Safety Spectrum—Consumers, It's Time for the Facts**  
(1996) \*B-1036 .50

### Child and Family Studies

**Resilient Families**  
(1995) \*B-1018 .75

**Resilient Kids and Adults**  
(1995) \*B-1019 1.00

**Family Resiliency**  
(1996) \*B-1038 .50

**Reading and Relationships**  
(1996) \*B-1039 .50

**Parenting by Play**  
(1996) \*B-1040 .50

**Raising Optimistic Kids**  
(2000) \*B-1093 4.50

**Caring Counts – Supporting a Child on School or Community Projects**  
(2000) \*B-1094 4.50

**Working with Teachers to Support Children's Learning**  
(2000) \*B-1095 4.50

**Families in the Fast Lane: Making the Most of the Internet**  
(2001) \*B-1098 4.50

**Family Rituals that Build Strength**  
(2001) \*B-1099 4.50

## The Personal Nature of Agriculture

### Recovering from Natural Disasters

Facing a natural disaster? In real life, natural disasters run along a continuum, ranging from predictable events to sudden, catastrophic ones. Help a family learn how to prepare for a disaster and how to cope afterwards. [www.uwyo.edu/ces/FCSpubs.htm](http://www.uwyo.edu/ces/FCSpubs.htm)  
**B-1103**

### Men and Depression

Learn how to recognize depression, why depression affects men differently than women, and how to live with a depressed man. [www.uwyo.edu/ces/FCSpubs.htm](http://www.uwyo.edu/ces/FCSpubs.htm) **B-1104**



<b>Family Strengths for Keeping Children Drug-free</b> (2001) *B-1100	3.50
<b>Family Systems: Understanding Families in Action</b> (2001) *B-1110	5.00
<b><i>The Personal Nature of Agriculture</i></b> <b>Recovering from Natural Disasters</b> (2001) *B-1103	Web only
<b>Men and Depression</b> (2001) *B-1104	Web only
<b>Agriculture and Skin Cancer: What You Should Know</b> (2001) *B-1105	Web only
<b>Lenders and Angry Customers</b> (2001) *B-1113	Web only
<b>Surviving Tragedy</b> (2002) *B-1117	Web only
<b>Men Seeking Help</b> (2002) *B-1134	Web only
<b><i>Agricultural Producers and Stress</i></b> <b>The Importance of a Healthy Attitude</b> (2002) *B-1124.1	Web only
<b>When Do You Need a Counselor?</b> (2002) *B-1124.2	Web only
<b>Eating and Activity for Health and Pleasure</b> (2002) *B-1124.3	Web only
<b>Identifying Stress on the Ranch and Farm</b> (2002) *B-1124.4	Web only
<b>Learning to Relax</b> (2002) *B-1124.5	Web only
<b>Finding Your Team of Experts</b> (2002) *B-1124.6	Web only

## Plant Sciences

<b>Crop Science</b> <b><i>Hay Production</i></b> <b>Hay Quality and Marketing in the Rocky Mountain Front Range and High Plains</b> (2001) *B-1088	5.00
<b><i>Sugar Beet Production</i></b> <b>Sugar Beet and Weed Interactions</b> (1994) *B-998	.40
<b>Cover Crops for Wind Erosion Protection of Sugar Beets</b> (1998) *B-1052	.30
<b>Sugar Beet Production Guide</b> (2001) EC 01-156	25.00
<b><i>Miscellaneous Crop Production</i></b> <b>A Guide for Selecting Alfalfa Varieties for Irrigated Stands in Wyoming</b> (1995) *B-1009	.75
<b>Nutrient Management for Dry Bean Production</b> (1995) *B-1016	.25
<b>Extending the Grazing Season with Turnips and Other Brassicas</b> (1998) *B-1051	2.00
<b>Austrian Winter Peas for Dryland Green Manure</b> (1997) *B-1060	NC
<b>Austrian Winter Peas for Dryland Grazing with Lambs</b> (2002) *B-1128	2.50
<b>Crop Selection for Supplemental and Emergency Forage</b> (2002) *B-1122.1	2.50



## Exclusive Cooking Gifts

### Baking at High Altitude

Longing for applesauce cake, gingerbread, butterscotch cookies, fudge brownies, pancakes, corn bread, banana nut bread, or doughnuts? This cookbook is filled with recipes for creating high-altitude cakes, cookies, and quick breads that will survive and thrive at heights of 5,000 and 7,000 feet. **B-427**

### The Zucchini Patch: Squashed Full of Ideas

Zucchini lovers can learn how to cook everything from chicken zucchini flips to zucchini on the half shell in this collection of recipes with nutrition in mind for appetizers, soups, salads, cakes, cookies, main dishes, and quick breads. It also gives tips on harvesting, selecting, buying, preparing, and preserving zucchinis. **B-669R**



## Backyard composting: Simple, small-scale methods

Curious as to why anyone would bother keeping organic scraps of food and lawn clippings in the yard? Using compost reduces dependency on chemical fertilizers and improves soil structure. This seven-page bulletin explains how to set up a backyard composting system, nutrient requirements and sources, and ideal locations. The authors also provide a trouble-shooting section to head off potential problems. **B-974**

### Sorghums and Sudangrass: Management for Supplemental and Emergency Forage

(2002) \*B-1122.2 2.75

### Foxtail Millet: Management for Supplemental and Emergency Forage

(2002) \*B-1122.3 2.50

### Cereal Crops: Management for Supplemental and Emergency Forage

(2002) \*B-1122.4 2.50

### Forage Kochia: A Forage with Fall and Winter Grazing Potential

(2002) \*B-1122.5 2.50

**Brassicas for Fall Grazing**  
(2002) \*B-1122.6 2.50

**Managing Forages to Minimize  
Prussic Acid Poisoning**  
(2002) \*B-1122.7 2.50

**Managing Forages to Minimize  
Nitrate Poisoning**  
(2002) \*B-1122.8 2.50

**Designing, Conducting, and  
Evaluating On-Farm/Ranch Tests**  
(2002) \*B-1123 4.00

**Phosphorus Fertilization of  
Garrison Creeping Foxtail**  
(1999) \*B-1079 4.00

**Alfalfa Establishment Alternatives**  
(2000) \*B-1080 6.00

**Alternative Crops for the Big Horn  
Basin, Wyoming**  
(2001) \*B-1109 6.00

**Basics of Grass Seed Production**  
(2004) \*B-1140 3.00

**Chickpea Production in the High  
Plains**  
(2004) \*B-1153 Web Only

**Feral Rye: A Serious Threat to  
High Quality Wheat**  
(2004) \*B-1157 5.00

**Seeding Rate Effects on Yield and  
Quality in Malting Barley**  
(1994) MP-81 .50

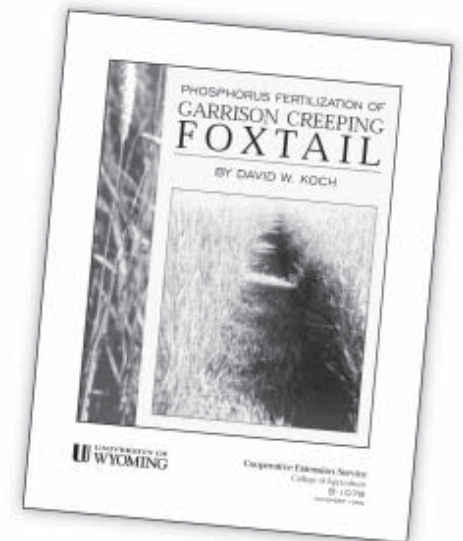
**High Plains Sunflower Production  
Handbook**  
(1999) USDA-ARS MF238 NC

**Garbanzo Bean Production Trials  
in Colorado and Wyoming**  
(1998) PSIS-8 NC

**Gardening, Landscaping, and Trees  
Gardening**

**Gardening: Vegetables in Wyoming**  
(2002) \*B-1115 3.00

**Gardening: Growing Herbs in  
Wyoming**  
(2004) \*B-1144 2.00

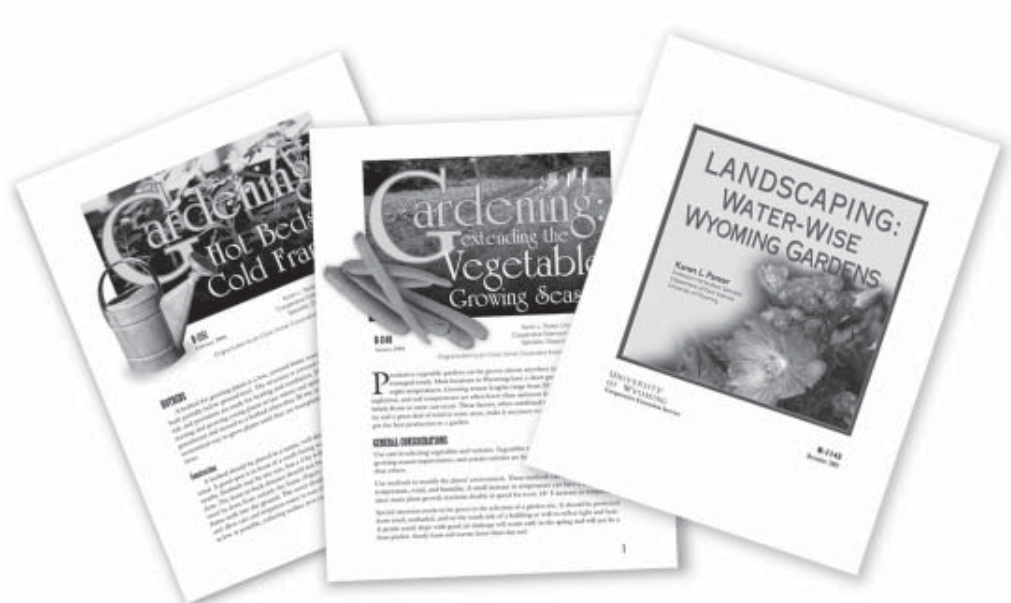


## Phosphorus Fertilization of Garrison Creeping Foxtail

One of the easiest and least expensive ways to increase meadow hay production is to apply fertilizer. Researchers have found that irrigated cool-season grasses, including Garrison creeping foxtail, have shown a good response to both nitrogen and phosphorus fertilizers. Read about the most recent university studies in which Garrison creeping foxtail responded economically to phosphorus after the soil's nitrogen needs were already met. **B-1079**

\*Indicates publication on Web site

<b>Care of Flowering Potted Plants</b> (2004) *B-1146	3.00
<b>Gardening: Extending the Vegetable Growing Season</b> (2004) *B-1148	3.00
<b>Greenhouse Structures</b> (2004) *B-1147	3.00
<b>Gardening: Hotbeds and Cold Frames</b> (2004) *B-1151	2.00
<i>Landscaping</i>	
<b>Home Landscaping Kit</b> (2004) B-951	3.00
<b>Low-Maintenance Grasses for Re-vegetating Disturbed Areas and Lawns</b> (1998) *B-1070	3.50
<b>Landscaping: Turf in Wyoming</b> (2002) *B-1129	5.00
<b>Landscaping: Recommended Tress for Wyoming</b> (2000) *B-1090	4.00
<b>Landscaping: Recommended Shrubs for Wyoming</b> (2001) *B-1108	5.25
<b>Landscaping: Water-Wise Wyoming Gardens</b> (2004) *B-1143	3.00
<b>Landscaping: Herbaceous Perennials for Wyoming</b> (2004) *B-1152	3.00
<i>Miscellaneous</i>	
<b>Weed Control in Garden and Lawn</b> (2003) *B-909	5.00
<b>Backyard Composting in Wyoming: Simple Small Scale Methods</b> (2001) *B-974	4.00



## Gardening, landscaping, and trees

Wyoming's harsh climate poses many challenges to successfully growing trees, shrubs, and gardens. Find advice on selecting plants with low water needs, tinkering with growing environments, and using protective shelters.

<b>Landscape Pests: Integrated Pest Management Strategies for Controlling the Dastardly Dozen</b> (1999) *B-1035	3.00
<b>Iron Deficiency Chlorosis on Woody Landscape Plants in Wyoming</b> (2001) *B-1097	3.50
<b>WyoScape: Landscaping for the Wyoming Climate</b> (2003) B-1139	5.00
<b>Guidelines for the Master Gardener Program in Wyoming</b> (2001) *MP-109	.50
<b>Sustainable Horticulture for Wyoming: A Master Gardener Handbook</b> (2004)	30.00

<b>Plant Pathology</b>	
<i>Alfalfa</i>	
<b>Alfalfa Stem Nematode Biology and Management</b> (1993) *B-761R	.10
<b>Biology and Management of Phytophthora Root Rot of Alfalfa</b> (1996) *B-791R	.50
<b>Selecting Alfalfa Cultivars with Disease Resistance</b> (1993) *B-919R	1.00
<b>Verticillium Wilt of Alfalfa</b> (2001) *B-1022R	6.00
<b>Alfalfa Disease Management</b> (2003) *B-1136	7.50
<i>Potatoes</i>	
<b>Potato Early Blight</b> (1994) *B-997	.75



## Weed Control in Alfalfa

Weeds can be a serious problem in both seedling and established alfalfa. Weeds compete with alfalfa for water, nutrients, and sunlight, thus reducing crop yields, shortening stand life, and lowering forage quality. A stand severely thinned by weed competition can never achieve its full yield potential.

This bulletin outlines how a successful weed management program in alfalfa can assist a grower in realizing both increased quality and quantity. It explains the cultural and chemical control practices that can lead to a profit instead of a loss for the producer.

### B-1126

**Potato Late Blight**  
(1996) \*B-1032 .75

**Sugar Beets**  
**Sugar Beet Nematode**  
(1992) \*B-975 1.00

**Sugar Beet Curly Top Virus and the Beet Leafhopper**  
(1994) \*B-978 .50

**Rhizomania of Sugar Beets**  
(1993) \*B-979 NC

**Trap Crops: A Promising Alternative for Sugar Beet Nematode Control**  
(1999) \*B-1029R 1.50

**Distribution and Incidence of Sugar Beet Diseases in the Wind River and Big Horn River Basins of Northwest Wyoming**  
(1995) B-1031 3.00

**Trap Crop Radish Use in Sugar Beet-Malt Barley Rotation of the Big Horn Basin**  
(1999) B-1068 2.00

**10 Steps to Successful Trap Crop Use in the Big Horn Basin**  
(1999) \*B-1072 3.00

**Economics of Growing Trap Crop Radish and Grazing Lambs with a Sugar Beet and Malt Barley Rotation**  
(1999) \*B-1077 5.00

*Trees and Shrubs*  
**Bacterial Wetwood and Slime Flux**  
(1994) \*B-994 .50

**Dwarf Mistletoes Affecting Pines and Firs of Wyoming**  
(2000) \*B-1083 Web only

*Miscellaneous Plant Pathology*  
**Bordeaux Mixture Fungicide Preparation**  
(1996) \*B-695R .25

**Snow Molds of Turfgrass**  
(1998) \*B-868 1.00

**Introduction to Plant Pathology and Plant Disease Management**  
(1998) B-1053 1.50

**Bacterial Diseases of Beans**  
(1998) \*B-1056 1.50

**Plant Pathology Laboratory Report: 1991-2000**  
(2001) \*B-1111 12.00

**Plant Pathology Research and Demonstration Progress Report: 1991-94**  
(1994) \*MP-89 Web Only

**Plant Pathology Research and Demonstration Progress Report: 1995-96**  
(1998) \*MP-94 5.00

**Plant Pathology Research and Demonstration Progress Report: 1999**  
(2000) \*MP-101 7.35

**Plant Pathology Research and Demonstration Progress Report: 2000**  
(2001) MP-101-01 8.00

**Plant Pathology Research and Demonstration Progress Report: 2001**  
(2002) \*MP-101-02 Web only

**Plant Pathology Research and Demonstration Progress Report: 2002**  
(2003) \*MP-101-03 6.00

**Plant Pathology Research and Demonstration Progress Report: 2003**  
(2004) \*MP-101-04 Web only

**Plant Pathology Laboratory Report: Plant Sample Submissions and Diagnostics for 2001**  
(2002) MP- 110-02 Web only

**Plant Pathology Laboratory  
Report: Plant Sample Submissions  
and Diagnostics for 2002**  
(2003) MP- 110-03 Web only

**Plant Pathology Laboratory  
Report: Plant Sample Submissions  
and Diagnostics for 2003**  
(2004) MP- 110-04 Web only

**Viral Diseases of Barley**  
(1996) PNW-493 1.50

**Weeds and Weed Control  
Montana, Utah, Wyoming Weed  
Management Handbook: 2004-  
2005**  
(2005) \*B-442R 20.00

**Plains Prickly Pear Cactus Control**  
(1999) \*B-1074 Web only

**Weed Control in Alfalfa**  
(2002) \*B-1126 5.00

**Roundup Ready® Crop Use  
Recommendations for the High  
Plains**  
(2004) \*B-1057 5.00

**Jointed Goatgrass Ecology**  
(2002) \*EB-1932 NC

**Montana, Utah, Wyoming  
Commercial Horticulture Weed  
Control Handbook**  
(1994) MUW-02 7.00

**Weeds of the West (softbound)**  
(2000) WSWS-1

1 to 9 copies 24.50 each

10 or more copies 18.00 each

# Pesticide Application

**USDA Record-Keeping  
Requirements for Applicators Who  
Apply Restricted-Use Pesticides**  
(1998) \*MP-93.1 NC

**Pesticide Labeling**  
(1998) \*MP-93.2 NC

**1/128 Method of Calibration:  
Calibrating Multiple Nozzle Boom-  
Type Sprayers**  
(1998) \*MP-93.3 NC

**1/128 Method of Calibration:  
Calibrating Hand Sprayers and  
High-Pressure Hand Guns**  
(1998) \*MP-93.4 NC

**Cold Weather Storage and  
Handling of Liquid Pesticides**  
(1998) \*MP-93.5 NC

**First Aid for Pesticide Poisoning**  
(1998) \*MP-93.6 NC

**How to Transport Pesticides  
Safely!**  
(1998) \*MP-93.7 NC

**Proper and Safe Use of  
Homeowner Pesticides**  
(1998) \*MP-93.8 NC

**What Is a Pesticide?**  
(1998) \*MP-93.9 NC

**Record-Keeping Requirements and  
Required Practices for Commercial  
Applicators**  
(1998) \*MP-93.10 NC

**Protective Eyewear**  
(1998) \*MP-93.11 NC

**Inspecting, Maintaining, and  
Replacing Pesticide Application  
Equipment**  
(1998) \*MP-93.12 NC

**Choosing Chemical Resistant  
Pesticide Application Equipment**  
(1998) \*MP-93.13 NC

**Wyoming's Pesticide Applicator  
Certification Program**  
(1998) \*MP-93.14 NC

**Safe and Secure Pesticide Storage**  
(2003) \*MP-93.15 Web only

**Pesticide Adsorption and Half Life**  
(2003) \*MP-93.16 Web only

**Effect of Water pH on the  
Chemical Stability of Pesticide**  
(2003) \*MP93.17 Web only

**Laundering Pesticide-  
Contaminated Clothing**  
(2003) \*MP-93.18 Web only

**Worker Protection Standards for  
Agricultural Pesticides**  
(2003) \*MP-93.19 Web only

**Endangered Species Protection  
Program**  
(2003) \*MP-93.20 Web only

**Pesticide Storage Facility, Design,  
and Management Plan**  
(2003) \*MP-93.21 Web only



# RENEWABLE

## Renewable Resources

### Entomology

#### *Crop Protection Entomology* Manuals and Booklets

**Pest and Beneficial Insects of Wyoming's Principal Crops**  
(Contains forward with glossary and individual fact sheets B-1013.01 through B-1013.24)  
(1995) B-1013 Booklet 12.00

**Crop Insect Identification Poster**  
*color* (Supports B-1013 booklet with color photos of all insects)  
(1995) B-1013 Poster 6.00

**High Plains Integrated Pest Management Guide**  
(1998) Colorado State University CSU564A 24.00

**Pesticide Use in Wyoming: 1990**  
(1992) RJ-211 NC

**Pesticide Use in Wyoming on Major Crops and Livestock in 1994**  
(1996) RJ-214 2.50

#### Individual Fact Sheets and Specialized Reports

**Alfalfa Weevil Biology and Management**  
(1993) B-983 1.25

**Spotted Alfalfa Aphid**  
(1995) B-1013.01 .40

**Alfalfa Looper**  
(1995) B-1013.02 .40

**Blister Beetles**  
(1995) B-1013.03 .40

**Lygus Bugs**  
(1995) B-1013.04 .40

**Alfalfa Leafcutting Bee**  
(1995) B-1013.05 .40

**Honey Bee**  
(1995) B-1013.06 .40

**Russian Wheat Aphid**  
(1995) B-1013.07 .40

**Army Cutworm**  
(1995) B-1013.08 .40

**True Armyworm**  
(1995) B-1013.09 .40

**Two-Spotted Spider Mite**  
(1995) B-1013.10 .40

**Banks Grass Mite**  
(1995) B-1013.11 .40

**Western Corn Rootworm**  
(1995) B-1013.12 .40

**Corn Earworm**  
(1995) B-1013.13 .40

**Wireworms**  
(1995) B-1013.14 .40

**Earwigs**  
(1995) B-1013.15 .40

**Sugar Beet Root Maggot**  
(1995) B-1013.16 .40

**Leafhoppers**  
(1995) B-1013.17 .40

**Flea Beetles**  
(1995) B-1013.18 .40

**Mexican Bean Beetle**  
(1995) B-1013.19 .40

**Ladybird Beetles**  
(1995) B-1013.20 .40

**Parasitic Wasps**  
(1995) B-1013.21 .40



## Backyard and Urban Wildlife

### Feeding Birds in Your Backyard

Birds can bring beauty, music, and life to a backyard, especially during the snowy winter months in Wyoming. This publication highlights their food, water, and protection needs and also discusses friendly feeders. **B-991R**

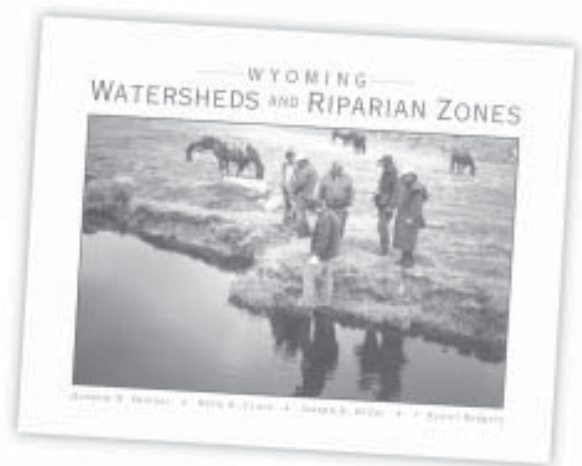
### Building and Locating Backyard Birdhouses

Birdhouses can provide a clever way to help compensate for the loss of habitat for cavity-nesting birds in the state. Information on the construction, design, placement, and maintenance of birdhouses is explained. **B-995R**

# RESOURCES

<b>Syrphid Flies</b> (1995) B-1013.22	.40	<b>Leaf and Stem Feeding Aphids</b> (1998) *B-1050.4	.50	<b>Western Grasses Playing Cards</b> (2004) 1 Deck	7.00
<b>Green Lacewings</b> (1995) B-1013.23	.40	<b>Spiders</b> (1998) *B-1050.5	.50	12 Decks	75.00
<b>Ground Beetles</b> (1995) B-1013.24	.40	<b>General Insect Biology, Distribution, and Abundance</b> Specialized Reports		<b>Effects of Weather, Habitat Improvement Treatments, and Site Factors on Bitterbrush Forage Quality in South-central Wyoming</b> (1995) RJ-212	3.25
<b>Sampling Russian Wheat Aphid in the Western Great Plains</b> (1991) PSIS-6	1.50	<b>Blister Beetle</b> (1993) B-981	2.50	<b>Height-Weight Relationships of Idaho Fescue in the Big Horn Mountains</b> (1999) *SM-54	9.00
<b>Rangeland Entomology</b> Manuals and Booklets		<b>Insect Biology and Management Resource Manual</b> (1998) MP-76R	2.00	<b>Soil and Fertilizer</b> <b>Soil Salinity, Salt Tolerance, and Growth Potential of Horticultural and Landscape Plants</b> (1994) *B-988	.50
<b>Field Guide to Common Western Grasshoppers</b> (2002) *B-912	45.00	<b>Odonata of Wyoming</b> (1994) SM-37R	7.00	<b>Interpreting University of Wyoming Soil Test Reports</b> (1994) B-996	.50
<b>Rangeland Grasshopper Management</b> (1993) *B-980	1.00	<b>Rangeland Ecology and Watershed Management</b> <b>Sagebrush in Wyoming</b> (1996) B-779	3.00	<b>Guide to Wyoming Fertilizer Recommendations</b> (1996) B-1045	3.00
<b>Common Wyoming Grasshoppers</b> (2004) *B-1161		<b>Wyoming Watersheds and Riparian Zones</b> (2000) B-1085	30.00		
<b>Urban Entomology</b> Manuals and Booklets		<b>Grasses of Wyoming</b> (1999) RJ-202	25.00		
<b>Household Insects of the Rocky Mountain States</b> (1994) Colorado State University PSIS-2	8.50				
<b>Individual Fact Sheets and Specialized Reports</b>					
<b>Poplar Vagabond Gall Aphid</b> (1996) *B-1041	.25				
<b>Management of Hardwood Borers of Trunks and Large Branches</b> (1998) *B-1050	.50				
<b>Scales and Mealybugs</b> (1998) *B-1050.1	.50				
<b>Sowbugs and Pillbugs</b> (1998) *B-1050.2	.50				
<b>Slugs, Snails, and Slug Sawflies</b> (1998) *B-1050.3	.50				

According to Del Tinsley, publisher of the Wyoming Livestock Roundup, "Every landowner, sportsman, library, conservation district, irrigation district, and ranch real estate office in the state should have a copy." As a reference handbook, it represents a compilation of more than 25 years of field experience and observations which furthers the reader's understanding of how watersheds and riparian zones function within Wyoming's landscape and climate. B-1085



## Wyoming Watersheds and Riparian Zones



## Constructing Wetlands in the Intermountain West: Guidelines for Land Resource Managers

This 52-page bulletin explains wetland design and construction and describes post-construction management techniques to ensure successful long-term benefits for these areas. The author discusses ecosystem components and processes to help resource managers and landowners better understand the function of constructed wetlands. **B-1078**

**Long-Term Land Application of Biosolids: Soil and Plant Trace Element Composition**  
(1998) \*B-1062 2.50

**Soils of Wyoming—Digital Statewide Map at 1:500,000-Scale**  
(1999) \*B-1069  
5.00

**Soil Sample Bag and Field Crop Soil Sample Questionnaire**  
(1987) MP-6 Web only

**Soil Sample Bag and Lawn and Garden Soil Sample Questionnaire**  
(1985) MP-6 Web only

**Standard Operating Procedures for Sampling Selenium in Vegetation**  
(1994) MP-77 1.50

**Standard Operating Procedures for the Sampling and Analysis of Selenium in Soil and Overburden and Spoil Material**  
(1994) MP-82  
2.25

**Wildlife**  
*Animal Damage Management*  
**Bats: Information and Management Techniques for Wyoming Homeowners**  
(1991) \*B-945 1.00

**Managing Badger Damage**  
(1994) \*B-1004 1.75

**Managing Damage by House Mice**  
(1995) \*B-1012 2.50

**Porcupine Ecology and Damage Management Techniques for Rural Homeowners**  
(1999) \*B-1073 2.50

**Skunk Ecology and Damage Management Techniques for Rural Homeowners**  
(1999) \*B-1075 2.50

*Backyard and Urban Wildlife*  
**Feeding Birds in Your Backyard: A Great Way to Attract Wildlife**  
(1994) \*B-991 1.75

**Building and Locating Backyard Birdhouses**  
(1994) \*B-995 1.75

**Landscaping Guidelines to Attract Wildlife**  
(1994) \*B-1001 2.25

*Feeding*  
**Winter Big Game Feeding**  
(1994) \*B-1003 1.75

*Habitat Development and Enhancement*  
**White-Tailed Deer Habitat Requirement and Management in Wyoming**  
(1992) \*B-964 1.00

**Mule Deer Habitat Requirement and Management in Wyoming**  
(1992) \*B-965 1.00

**Cover: Its Importance to Wyoming Wildlife**  
(1992) \*B-967 1.00

**Constructing Wetlands in the Intermountain West: Guidelines for Land Resource Managers**  
(1999) \*B-1078 NC

*Species Biology and Ecology*  
**Attracting and Enjoying Wyoming's Most Fascinating Bird: The Hummingbird**  
(1994) \*B-986 2.00

**Beaver Ecology and Management in North America: A Bibliography of Prominent Literature**  
(1994) \*B-1014 1.50

**Beaver: Water Resources and Riparian Habitat Manager**  
(1994) \*RM-01 NC

*Wild Game Preparation and Cooking*  
**Aging Big Game**  
(2002) \*B-513 .30

**The Pronghorn Antelope Carcass**  
(2003) \*B-575R 2.00



<b>The Mule Deer Carcass</b> (2003) *B-589R	2.00
<b>The Elk Carcass</b> (2003) *B-594	2.00
<b>You and Your Wild Game Cookbook</b> (1984) B-613R	2.50
<b>Skinning and Boning Big Game</b> (2003) *B-884R	2.00
<b>Nutritional Content of Game Meat</b> (2002) *B-920R	5.00
<b>Waterfowl: After the Hunt</b> (1992) B-963	.50

**Wyoming Range Facts**  
**Monitoring: A Tool for Effective Rangeland Management**  
 (2005) \*MP-111.02

2.00

**Flexible Grazing and Livestock Management Systems for Good and Bad Times**  
 (2005) \*MP-111.03

2.00

**Grass Growth Basics I**  
 (2005) \*MP-111.04

2.00

**Livestock Grazing Distribution**  
 (2005) \*MP-111.05

2.00

**Miscellaneous Renewable Resources**  
**Climatic Patterns in the Big Horn Basin, Wyoming**  
 (2000) \*B-1089

4.00

**Grazing Strategies versus Grazing Systems**  
 (2001) \*B-1101

5.00

**Skinning and Boning Big Game**  
 Photos and details explaining how to skin and make boneless cuts of elk, moose, deer, antelope, and other big game animals are featured.  
**B-884R**

**The Pronghorn Antelope Carcass**  
 Meat yield, composition data, and factors affecting flavor are outlined along with practical information for hunters on field care, cooking, ecology, and management of popular species.  
**B-565R**

# 4-H PUBLICATIONS

**Educational Quizgrams**  
**Family and Consumer Sciences**  
**Menu Writing Fun**  
 (2000) 50501I  
 Web only

**Measuring Quizgram**  
 (2000) 50501J  
 Web only

**Utensils Quizgram**  
 (2000) 50501K  
 Web only

**Equipment Quizgram**  
 (2000) 50501L  
 Web only

**Table Setting Quizgram**  
 (2000) 50501M  
 Web only

**One-sided Buffet Quizgram**  
 (2000) 50501N  
 Web only

**Meal Planning Quizgram**  
 (2000) 50501O  
 Web only

**Animal Science**  
**Parts of a Beef Quizgram**  
 (2000) 10101D  
 Web only

**Breeds of Beef Quizgram**  
 (2000) 10101E  
 Web only

**Parts of a Cat Quizgram**  
 (2000) 14001D  
 Web only

**Parts of a Dairy Cow Quizgram**  
 (2000) 10401D  
 Web only

**Dairy Goat Quizgram**  
 (2000) 10701D  
 Web only

**Parts of a Dog Quizgram**  
 (2000) 11001F  
 Web only

**Parts of a Horse Quizgram**  
 (2000) 11501E  
 Web only

**Unsoundness in the Horse Quizgram**  
 (2000) 11501EE  
 Web only

**Parts of Poultry Quizgram**  
 (2000) 12001D  
 Web only



## 4-H Livestock Projects

Animal projects are exciting educational opportunities for 4-H members. These newly written project manuals explain everything a 4-H member needs to know about choosing, raising, and showing a successful animal project.

- The 4-H Beef Project **10105C**
- The 4-H Dairy Goat Project **10704C**
- The 4-H Horse Project **11507C**
- The 4-H Sheep Project **12505C**
- The 4-H Swine Project **13005C**
- The 4-H Meat Goat Project **15001C**

### Parts of the Egg Quizgram

(2000) 12001E Web only

### Parts of the Rabbit Quizgram

(2000) 12201E Web only

### Parts of the Lamb Quizgram

(2000) 12501D Web only

### Parts of the Hog Quizgram

(2000) 13001D Web only

### Handicrafts

#### Leathercraft Tools Quizgram

(2000) 40101D Web only

#### Advanced Leathercraft Tools Quizgram

(2000) 40102D Web only

#### Ropecraft Knots Quizgram

(2000) 41001D Web only

#### Ropecraft Hitches Quizgram

(2000) 41001E Web only

#### Woodworking Tools Quizgram

(2000) 41501D Web only

#### Woodworking Joints Quizgram

(2000) 41501E Web only

### General

#### Electricity Tools Quizgram

(2000) 20501D Web only

#### Entomology Insects Quizgram

(2000) 31001G Web only

#### Name the Vegetables Quizgram

(2000) 70501D Web only

### Natural Resources

#### Furbearers Quizgram

(2000) 61502E Web only

#### Waterfowl Quizgram

(2000) 61503D Web only

#### Game Birds Quizgram

(2000) 61503E Web only

### Animal Science

#### Introduction to the 4-H Beef Project

(2002) 10105C 2.50

#### Introduction to the Dairy Goat Project

(2002) 10704C 2.50

#### 4-H Horse Project Manual

(2002) 11501C 5.00

#### Introduction to the 4-H Horse Project

(2002) 11507C 2.50

#### Introduction to the 4-H Sheep Project

(2002) 12505C 2.50

#### Introduction to the 4-H Swine Project

(2002) 13005C 2.50

#### Introduction to the 4-H Meat Goat Project

(2002) 15001C 2.50

### Handicrafts

#### 4-H Cake Decorating Member Manual

(2000) 42501C 8.00

#### 4-H Cake Decorating Leader's Guide

(2000) 42500B 2.00

For a complete list of available 4-H publications see [Wyoming 4-H.org](http://Wyoming4-H.org).



## 4-H Cake Decorating

This 4-H manual is designed and written for the younger audience. Broken down into four skill levels, this 78-page book provides detailed instruction and illustrations to make beautiful cakes for birthdays, holidays, and other special parties. **42501C**

# ALPHABETICAL Publications Listing

## A

4-H Beef Project—10105C .....	16
4-H Dairy Goat Project—10704C .....	16
4-H Horse Project—11507C .....	16
4-H Meat Goat Project—15001C .....	16
4-H Sheep Project—12505C .....	16
4-H Swine Project—13005C .....	16
Advanced Leathercraft Tools Quizgram—40102D .....	16
Aging Big Game—B-513 .....	14
Agricultural Loan Volume and Market Share Trends in Wyoming: 1976-90—B-949 .....	2
Agricultural Producers and Stress: Eating and Activity for Health and Pleasure—B-1124.3 .....	7
Agricultural Producers and Stress: Finding Your Team of Experts—B-1124.6 .....	7
Agricultural Producers and Stress: Identifying Stress on the Ranch and Farm—B-1124.4 .....	7
Agricultural Producers and Stress: The Importance of a Healthy Attitude—B-1124.1 .....	7
Agricultural Producers and Stress: Learning to Relax—B-1124.5 .....	7
Agricultural Producers and Stress: When Do You Need a Counselor—B-1124.2 .....	7
Alfalfa Disease Management—B-1136 .....	9
Alfalfa Establishment Alternatives—B-1080 .....	8
Alfalfa Leafcutting Bee—B-1013.05 .....	12
Alfalfa Looper—B-1013.02 .....	12
Alfalfa Stem Nematode Biology and Management—B-761R .....	9
Alfalfa Weevil Biology and Management—B-983 .....	12
Alternative Crops for the Big Horn Basin, Wyoming—B-1109 .....	8
Altitude Adjusters—B-734 .....	6

Army Cutworm—B-1013.08 .....	12
Attracting and Enjoying Wyoming's Most Fascinating Bird: The Hummingbird—B-986 .....	14
Austrian Winter Peas for Dryland Green Manure—B-1060 .....	7
Austrian Winter Peas for Dryland Grazing with Lambs—B-1128 .....	7

## B

Backyard Composting in Wyoming: Simple Small-Scale Methods—B-974R .....	9
Bacterial Diseases of Beans—B-1056 .....	10
Bacterial Wetwood and Slime Flux—B-994 .....	10
Baking at High Altitude Cookbook—B-427 .....	7
Banks Grass Mite—B-1013.11 .....	12
Basics of Grass Seed Production—B-1140 .....	8
Bats: Information and Management Techniques for Wyoming Homeowners—B-945 .....	14
Beaver Ecology and Management in North America: A Bibliography—B-1014 .....	14
Beaver: Water Resources and Riparian Habitat Manager—RM-01 .....	15
Big Game Migration Corridors in Wyoming— B-1155 .....	4
Biology and Management of Phytophthora Root Rot of Alfalfa—B-791R .....	10
Blister Beetle—B-981 .....	13
Blister Beetles—B-1013.03 .....	12
Bordeaux Mixture Fungicide Preparation—B-695R .....	10
Brassicas for Fall Grazing—B-1122.6 .....	8
Bread-Machine Baking at High Altitudes—B-989 .....	6
Breeds of Beef Quizgram—10101E .....	15
Building and Locating Backyard Birdhouses—B-995 .....	14

## C

Cake-Decorating Leader's Guide, 4-H—42500B .....	16
Cake-Decorating Member Manual, 4-H—42501C .....	16
Care of Flowering Potted Plants—B-1146 .....	8
Caring Counts—Supporting a Child on School or Community Projects—B-1094 .....	6
Cattle Management Manual—MP-97 .....	5
Cereal Crops: Management for Supplemental and Emergency Forage—B-1122.4 .....	8
Chemigation Equipment and Calibration Procedures—B-1023 .....	5
Chemigation Practices for Wyoming—B-1024 .....	5
Chickpea Production in the High Plains—B-1153 .....	8
Childhood and Adolescent Obesity in America: What's a Parent to Do?—B-1066 .....	6
Choosing Chemical-Resistant Pesticide Application Equipment—MP-93.13 .....	11
Climatic Patterns in Big Horn Basin, Wyoming—B-1089 .....	15
Cold Weather Storage and Handling of Liquid Pesticides—MP-93.5 .....	11
Common Wyoming Grasshoppers—B-1161 .....	13
Complete Guide to Home Canning—AB-539 .....	6
Conservation Easements: An Introductory Review for Wyoming—B-1132 .....	4
Consumptive Use and Consumptive Irrigation Requirements in Wyoming—MP-87 .....	5
Contributions of Federal Lands to Wyoming Livestock Production: 1992—B-993 .....	2
Constructing Wetlands in the Intermountain West: Guidelines for Land Resource Managers—B-1078 .....	14
Controlling the Dastardly Dozen—B-1035 .....	9
Coring and Sampling Hay on a Sale-Lot Basis—MP-63 .....	8
Corn Earworm—B-1013.13 .....	12
Cover Crops for Wind Erosion Protection of Sugar Beets—B-1052 .....	7
Cost of Community Services for Rural Residential Development in Wyoming—B-1133 .....	4

Cover: Its Importance to Wyoming Wildlife—B-967 .....	14
Crop Insect Identification Poster —B-1013P .....	12
Crop Selection for Supplemental and Emergency Forage—B-1121.1 .....	7
Custom Rates for Farm-Ranch Operations in Wyoming: 1995-96—B-1048 .....	3
Custom Rates for Farm-Ranch Operations in Wyoming: 1998-99—B-1084 .....	3
Custom Rates for Farm-Ranch Operations in Wyoming: 2000-2002—B-1142 .....	3

## D

Dairy Goat Quizgram—10701D .....	15
Delaying Calving and Reducing Winter Feed Costs—B-1076 .....	3
Designing, Conducting, and Evaluating On-Farm/Ranch Tests—B-1123 .....	8
Distribution and Incidence of Sugar Beet Diseases – Wind River and Big Horn River Basin—B-1031 .....	10
Dwarf Mistletoes Affecting Pines and Firs of Wyoming—B-1083 .....	10

## E

Earwigs—B-1013.15 .....	12
Economic Evaluation of the Yield Advantage of Improved Varieties Alfalfa—B-1044 .....	3
Economic Importance of the Health Care Sector in Sheridan County—B-1119 .....	2
Economic Trends in Wyoming's Mineral Sector: Coal—B-1116 .....	2
Economic Trends in Wyoming's Mineral Sector: Gas and Oil—B-1112 .....	2
Economic Trends in Wyoming's Travel and Tourism Sector—B-1131 .....	2
Economics of Growing Trap Crop Radish and Grazing Lambs with a Sugar Beet and Malt Barley Rotation—B-1077 .....	10
Effect of Water pH on the Chemical Stability of Pesticide—MP-93.17 .....	11

Effects of Weather, Habitat Improvement Treatments, and Site Factors on Bitterbrush Forage Quality in Southcentral Wyoming—RJ-212 .....	13
Electricity Tools Quizgram—20501D .....	16
Elk Carcass—B-594 .....	15
Endangered Species Protection Program—MP-93.20...	11
Enterprise Budget: Bison Cow-Calf—B-1092 .....	2
Enterprise Budget: Malting Barley— Big Horn-Washakie County—MP-100.1 .....	3
Enterprise Budget: Alfalfa Establishment— Big Horn-Washakie County—MP-100.2 .....	3
Enterprise Budget: Alfalfa Hay, Baled— Big Horn-Washakie County—MP-100.3 .....	3
Enterprise Budget: Sugar Beets— Big Horn-Washakie County—MP-100.4 .....	3
Enterprise Budget: Corn for Silage— Big Horn-Washakie County—MP-100.5 .....	3
Enterprise Budget: Corn for Grain— Big Horn-Washakie County—MP-100.6 .....	3
Enterprise Budget: Malting Barley— Powell Area, Wyoming—MP-70R .....	2
Enterprise Budget: Alfalfa Establishment— Powell Area, Wyoming—MP-70.1R .....	2
Enterprise Budget: Alfalfa Hay, Baled— Powell Area, Wyoming—MP-70.2R .....	2
Enterprise Budget: Dry Beans— Powell Area, Wyoming—MP-70.3R .....	2
Enterprise Budget: Sugar Beets, Thick Planted—Powell Area, Wyoming—MP-70.4R .....	2
Enterprise Budget: Alfalfa Establishment— Riverton Area, Wyoming—MP-88 .....	2
Enterprise Budget: Alfalfa Hay, Baled— Riverton Area, Wyoming—MP-88.1 .....	2
Enterprise Budget: Dry Beans— Riverton Area, Wyoming—MP-88.2 .....	3
Enterprise Budget: Sugar Beets— Riverton Area, Wyoming—MP-88.3 .....	3
Enterprise Budget: Feed Barley— Riverton Area, Wyoming—MP-88.4 .....	3
Enterprise Budget: Aftermath Grazing— Riverton Area, Wyoming—MP-88.5 .....	3
Enterprise Budget: Alfalfa Establishment—	

Wheatland Area, Wyoming—MP-72 .....	2
Enterprise Budget: Alfalfa Hay, Baled— Wheatland Area, Wyoming—MP-72.1 .....	2
Enterprise Budget: Dry Beans— Wheatland Area, Wyoming—MP-72.2 .....	2
Enterprise Budget: Sugar Beets— Wheatland Area, Wyoming—MP-72.3 .....	2
Enterprise Budget: Corn for Grain— Wheatland Area, Wyoming—MP-72.4 .....	2
Enterprise Budget: Corn for Silage— Wheatland Area, Wyoming—MP-72.5 .....	2
Enterprise Budget: Setaside Program— Wheatland Area, Wyoming—MP-72.6 .....	2
Entomology Insects Quizgram—31001G .....	16
Equipment Quizgram — 50501L .....	15
Extending the Grazing Season with Turnips and Other Brassicas—B-1051 .....	7

## F

Families in the Fast Lane: Making the Most of the Internet—B-1098 .....	6
Family Resiliency—B-1038 .....	6
Family Rituals that Build Strength—B-1099 .....	6
Family Strengths for Keeping Children Drug Free—B-1100 .....	7
Family Systems: Understanding Families in Action—B-1110 .....	7
Farm to Table: Food Safety Spectrum— Consumers, It's Time for the Facts—B-1036 .....	6
Fat Substitutions in Home Baking—B-990 .....	6
Feeding Birds in Your Backyard: A Great Way to Attract Wildlife—B-991 .....	14
Feral Rye: A Serious Threat to High Quality Wheat—B-1157 .....	8
Field Guide to Common Western Grasshoppers—B-912 .....	13
First Aid for Pesticide Poisoning—MP-93.6 .....	11
Five-Year Summary of Payment in Lieu of Taxes (PILT) to Wyoming Counties: 1998-2002—B-1138 .....	4

Flea Beetles—B-1013.18 .....	12
Flexible Grazing and Livestock Management Systems for Good and Bad Times—MP-111.03 .....	15
Forage Kochia: A Forage with Fall and Winter Grazing Potential—B-1122.5 .....	8
Foxtail Millet: Management for Supplemental and Emergency Forage—B-1122.3 .....	8
Furbearers Quizgram—61502E .....	16

## G

Game Birds Quizgram—61503E .....	16
Garbanzo Bean Production Trials in Colorado and Wyoming—PSIS-8 .....	8
Gardening: Extending the Vegetable Growing Season—B-1148 .....	9
Gardening: Growing Herbs in Wyoming—B-1144 .....	8
Gardening: Hot Beds and Cold Frames—B-1151 .....	9
Gardening: Vegetables in Wyoming—B-1115 .....	8
Grass Growth Basics I—MP-111.04 .....	15
Grasses of Wyoming—RJ-202 .....	13
Grazing Strategies Versus Grazing Systems .....	15
Green Lacewings—B-1013.23 .....	13
Greenhouse Structures—B-1147 .....	9
Ground Beetles—B-1013.24 .....	13
Groundwater Contamination—B-973 .....	5
Guide for Selecting Alfalfa Varieties for Irrigated Stands in Wyoming—B-1009 .....	7
Guide to Wyoming Fertilizer Recommendations—B-1045 .....	13
Guidelines for the Master Gardener Program in Wyoming—MP-109 .....	9

## H

Hay Quality and Marketing in the Rocky Mountain Front Range and High Plains—B-1088 .....	7
Height-Weight Relationships of Idaho Fescue in the Big Horn Mountains—SM-54 .....	13
High Plains Integrated Pest Management Guide—CSU564A .....	12

High Plains Sunflower Production Handbook—PSIS-7 .....	8
Home Landscaping Kit—B-951 .....	9
Honey Bee—B-1013.06 .....	12
Horse Project Manual, 4-H—11501C .....	16
Household Insects of the Rocky Mountain States—PSIS-2 .....	13
How to Transport Pesticides Safely!—MP-93.7 .....	11

## I

Impact of Agriculture on Wyoming's Economy—B-954 .....	2
Insect Biology and Management Resource Manual—MP-76R .....	13
Inspecting, Maintaining, and Replacing Pesticide Application Equipment—MP-93.12 .....	11
Interpreting University of Wyoming Soil Tests Reports—B-996 .....	13
Introduction to Plant Pathology and Plant Disease Management—B-1053 .....	10
Introduction to the 4-H Beef Project—10105C .....	16
Introduction to the 4-H Dairy Goat Project—10704C .....	16
Introduction to the 4-H Horse Project—11507C .....	16
Introduction to the 4-H Meat Goat Project—15001C .....	16
Introduction to the 4-H Sheep Project—12505C .....	16
Introduction to the 4-H Swine Project—13005C .....	16
Iron Deficiency Chlorosis on Woody Landscape Plants in Wyoming—B-1097 .....	9
Irrigation Water Measurement: Irrigation Ditches and Pipelines—B-583R .....	5
Is a Farm/Ranch Recreation Business for You?—B-1125.1 .....	4

## J

Jointed Goatgrass Ecology—EB-1932 .....	11
---	----

## L

Ladybird Beetles—B-1013.20 .....	12
Landscape Pests: Integrated Pest Management Strategies for Controlling the Dastardly Dozen—B-1035 .....	9
Landscaping Guidelines to Attract Wildlife—B-1001 .....	14
Landscaping: Herbaceous Perennials for Wyoming—B-1152 .....	9
Landscaping: Recommended Trees for Wyoming—B-1090 .....	9
Landscaping: Recommended Shrubs for Wyoming—B-1108 .....	9
Landscaping: Turf in Wyoming—B-1129 .....	9
Landscaping: Water-Wise Wyoming Gardens—B-1143 .....	9
Laundering Pesticide-Contaminated Clothing—MP-93.18 .....	11
Leaf and Stem-Feeding Aphids—B-1050.4 .....	13
Leafhoppers—B-1013.17 .....	12
Leathercraft Tools Quizgram—40101D .....	16
Livestock Grazing Distribution—MP-111.05 .....	15
Long-Term Land Application of Biosolids: Soil and Plant Trace Element Composition—B-1062 .....	14
Living on a Few Acres in Wyoming—MP-86 .....	4
Low-Maintenance Grasses for Revegetating Disturbed Areas and Lawns—B-1070 .....	9
Lygus Bugs—B-1013.04 .....	12

## M

Management of Hardwood Borers of Trunks and Large Branches—B-1050 .....	13
Managing Badger Damage—B-1004 .....	14
Managing Damage by House Mice—B-1012 .....	14
Managing Forages to Minimize Nitrate Poisoning—B-1122.8 .....	8
Managing Forages to Minimize Prussic Acid Poisoning—B-1122.7 .....	8
Marketing Wyoming Hard Red Winter Wheat in Specialty Markets—B-1087 .....	4
Meal-Planning Quizgram—50501 .....	15

Measuring Quizgram—50501J .....	15
Menu-Writing Fun Quizgram—50501I .....	15
Method of Calibration (1/128): Calibrating Hand Sprayers and High-Pressure Hand Guns—MP-93.4 .....	11
Method of Calibration (1/128 ): Calibrating Multiple Nozzle Boom-Type Sprayers—MP-93.3 .....	11
Mexican Bean Beetle—B-1013.19 .....	12
Minimizing Ag Landholder Liability from Recreational Use of Private Land—B-1114 .....	4
Montana, Utah, Wyoming Commercial Horticulture Weed Control Handbook—MUW-02 .....	11
Montana, Utah, Wyoming Weed Management Handbook: 2004-2005—B-442R .....	11
Monitoring: A Tool for Effective Rangeland Management—MP-111.02 .....	15
Mule Deer Carcass—B-589R .....	15
Mule Deer Habitat Requirement and Management in Wyoming—B-965 .....	14

## N

Name the Vegetables Quizgram—70501D .....	16
Nutrient Management for Dry Bean Production—B-1016 .....	7
Nutritional Content of Game Meat—B-920R .....	15

## O

Odonata of Wyoming—SM-37R .....	13
One-Sided Buffet Quizgram — 50501N .....	15

## P

Parasitic Wasps—B-1013.21 .....	12
Parenting by Play—B-1040 .....	6
Parts of Beef Quizgram—10101D .....	15
Parts of Cat Quizgram—14001D .....	15
Parts of Dairy Cow Quizgram—10401D .....	15
Parts of Dog Quizgram—11001F .....	15
Parts of an Egg Quizgram—12001E .....	16
Parts of a Hog Quizgram—13001D .....	16
Parts of a Horse Quizgram—11501E .....	15

Parts of a Lamb Quizgram—12501D .....	16	Plant Pathology Research and Demonstration Progress Report: 1999—MP-101 .....	10
Parts of Poultry Quizgram—12001D .....	15	Plant Pathology Research and Demonstration Progress Report: 2000—MP-101-01 .....	10
Parts of the Rabbit Quizgram—12201E .....	16	Plant Pathology Research and Demonstration Progress Report: 2001—MP-101-02 .....	10
Perpetuity– What Does it Mean for Conservation Easements and the Wyoming Constitution—B-1158 .....	4	Plant Pathology Research and Demonstration Progress Report: 2002—MP-101-03 .....	10
Personal Nature of Agriculture: Agriculture and Skin Cancer—What You Should Know—B1105 .....	7	Plant Pathology Research and Demonstration Progress Report: 2003—MP-101-04 .....	10
Personal Nature of Agriculture: Lenders and Angry Customers—B-1113 .....	7	Poplar Vagabond Gall Aphid—B-1041 .....	13
Personal Nature of Agriculture: Men and Depression—B1104 .....	7	Population Change in Wyoming, 1990-2000—B-1121 .....	4
Personal Nature of Agriculture: Men Seeking Help—B-1134 .....	7	Porcupine Ecology and Damage-Management Techniques for Rural Homeowners—B-1073 .....	14
Personal Nature of Agriculture: Recovering from Natural Disasters—B-1103 .....	7	Potato Early Blight—B-997 .....	9
Personal Nature of Agriculture: Surviving Tragedy—B-1117 .....	7	Potato Late Blight—B-1032 .....	10
Pests and Beneficial Insects of Wyoming’s Principal Crops—B-1013B .....	12	Potential for New Cooperative Models in Wyoming—B-1127 .....	4
Pesticide Adsorption and Half Life—MP-93.16 .....	11	Practical Horse Nutrition and Feeding—B-1046 .....	5
Pesticide Labeling—MP-93.2 .....	11	Preserving Food in Wyoming: Fruits—B-985.1 .....	6
Pesticide Storage Facility, Design, and Management Plan—MP-93.21 .....	11	Preserving Food in Wyoming: Jelly—B-985.2 .....	6
Pesticide Use in Wyoming: 1990—RJ-211 .....	12	Preserving Food in Wyoming: Meat—B-985.3 .....	6
Pesticide Use in Wyoming on Major Crops and Livestock in 1994—RJ-214 .....	12	Preserving Food in Wyoming: Pickles—B-985.4 .....	6
Phosphorus Fertilization of Garrison Creeping Foxtail—B-1079 .....	9	Preserving Food in Wyoming: Tomatoes—B-985.5 .....	6
Plains Prickly Pear Cactus Control—B-1074 .....	11	Preserving Food in Wyoming: Vegetables—B-985.6 .....	6
Plant Pathology Laboratory Report: 1991-2000—B-1111 .....	10	Preserving Wyoming’s Wild Berries and Fruits—B-735R .....	6
Plant Pathology Laboratory Report: Plant Sample Submissions and Diagnostics for 2001—MP-110-02 .....	10	Profitability of Alternative Dryland Crop Rotations in Southeast Wyoming—B-1086 .....	4
Plant Pathology Laboratory Report: Plant Sample Submissions and Diagnostics for 2002—MP-110-03 .....	11	Promoting the Farm or Ranch Recreation Business—B-1125.2 .....	4
Plant Pathology Laboratory Report: Plant Sample Submissions and Diagnostics for 2003—MP-110-04 .....	11	Pronghorn Antelope Carcass—B-575R .....	14
Plant Pathology Research and Demonstration Progress Report: 1991-94—MP-89 .....	10	Proper and Safe Use of Homeowner Pesticides—MP-93.8 .....	11
Plant Pathology Research and Demonstration Progress Report: 1995-96—MP-94 .....	10	Protective Eyewear—MP-93.11 .....	11
		Public Funding Mechanisms for Open Space Protection: An Introduction for Wyoming—B-1135 .....	4
		Public Opinion in Wyoming on Conserving Lands and Open Space—B-1160 .....	4

## R

Raising Optimistic Kids—B-1093 .....	6
Rangeland Grasshopper Management—B-980 .....	13
Reading and Relationships—B-1039 .....	6
Record-Keeping Requirements and Required Practices for Commercial Applicators—MP-93.10 .....	11
Resilient Families—B-1018 .....	6
Resilient Kids and Adults—B-1019 .....	6
Results from a Land-Use Survey in Sublette County, Wyoming—B-1067 .....	4
Rhizomania of Sugar Beets—B-979 .....	10
Role of Agriculture in Maintaining Open Spaces in Wyoming—B-1141 .....	4
Role of Economic Importance of Private Lands in Providing Habitat for Wyoming's Big Game—B1150 ...	4
Ropecraft Knots Quizgram—41001D .....	16
Ropecraft Hitches Quizgram—41001E .....	16
Roundup® Ready Crop Use Recommendations for the High Plains—B-1057 .....	11
Russian Wheat Aphid—B-1013.07 .....	12

## S

Safe and Secure Pesticide Storage—MP-93.15 .....	11
Sagebrush in Wyoming—B-779 .....	13
Sampling Russian Wheat Aphid in the Western Great Plains—PSIS-6 .....	13
Scales and Mealybugs—B-1050.1 .....	13
Second-Home Growth in Wyoming, 1990-2000—B-1120 .....	4
Seeding Rate Effects on Yield and Quality in Malting Barley—MP-81 .....	8
Selecting Alfalfa Cultivars with Disease Resistance—B-919R .....	9
Selecting the Right Business Form for an Agricultural and Alternative Agricultural Business—B-1149 .....	2
Sheep Bot Fly Biology and Management—B-966 .....	5
Sheridan County Land-Use and Planning Survey Results—B-1107 .....	4
Skinning and Boning Big Game—B-884R .....	15

Skunk Ecology and Damage Management Techniques for Rural Homeowners—B-1075 .....	14
Slugs, Snails, and Slug Sawflies—B-1050.3 .....	13
Snow Molds of Turfgrass—B-868 .....	10
Soil Sample Bag and Field Crop Soil Sample Questionnaire—MP-6 .....	14
Soil Sample Bag and Lawn and Garden Soil Sample Questionnaire—MP-6 .....	14
Soil Salinity, Salt Tolerance, and Growth Potential of Horticultural and Landscape Plants—B-988 .....	13
Soils of Wyoming—Digital Statewide Map at 1:500,000-Scale—B-1069 .....	14
Sorghums and Sudangrass: Management for Supplemental and Emergency Forage—B-1122.2 .....	8
Sowbugs and Pillbugs—B-1050.2 .....	13
Spiders—B-1050.5 .....	13
Spotted Alfalfa Aphid—B-1013.01 .....	12
Standard Operating Procedure Sampling Selenium in Vegetation—MP-77 .....	14
Standard Operating Procedure Sampling and Analysis Selenium Soil and Overburden Material—MP-82 .....	14
Sugar Beet Curly Top Virus and the Beet Leafhopper—B-978 .....	10
Sugar Beet Nematode—B-975 .....	10
Sugar Beet Production Guide—EC 01-156 .....	7
Sugar Beet Root Maggot—B-1013.16 .....	12
Sugar Beet and Weed Interactions—B-998 .....	7
Sustainable Horticulture for Wyoming: A Master Gardener Handbook .....	9
Syrphid Flies—B-1013.22 .....	13

## T

Table-Setting Quizgram — 50501M .....	15
Ten Steps to Successful Trap Crop Use in the Big Horn Basin—B-1072 .....	10
Trap Crop Radish Use in Sugar Beet-Malt Barley Rotation of the Big Horn Basin—B-1068 .....	10
Trap Crops: A Promising Alternative for Sugar Beet Nematode Control—B-1029R .....	10
Trends in Wyoming Agriculture—The	



# PUBLICATION ORDER FORM

## Publication Order Form

UNIVERSITY OF WYOMING  
Cooperative Extension Service

### Bill to

Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

### Ship to

Name \_\_\_\_\_  
 Company \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_  
 State \_\_\_\_\_ Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_

### Payment Options

VISA/Master Card

\_\_\_\_\_ *Card Number*  
 \_\_\_\_\_ *Expiration Date*  
 \_\_\_\_\_ *Signature*

Check or money order enclosed, payable to the University of Wyoming

Mail this form and your check or credit card information to:  
 Ag Resource Center or call or fax  
 Department 3313 307-766-2115  
 1000 E. University Ave. 307-766-2800 (fax)  
 Laramie, WY 82071

Item No.	Product	Price	Quantity	Total

<b>Shipping and handling fees (nonrefundable)</b>		<b>Subtotal</b>
\$10.00 or less ..... \$3.00	\$60.01-\$80.00 ..... \$7.00	
\$10.01-\$20.00 ..... \$4.00	\$80.01-\$100.00 ..... \$8.00	<b>Shipping</b>
\$20.01-\$40.00 ..... \$5.00	over \$100.00 ..... 10% of total order	<b>Sales Tax*</b>
\$40.01-\$60.00 ..... \$6.00	Orders from Canada and Mexico add 15%; for orders from all other countries, add 30%	<b>Amount Due</b>

\* Wyoming residents add 6% sales tax. Tax-exempt organizations must send "proof of exemption" with order.

# COUNTY OFFICES

## Wyoming Cooperative Extension Service County Offices

### **Albany County**

3520 South 3<sup>rd</sup>, #A  
Laramie 82070  
Phone: 721-2571  
Fax: 742-4228

### **Big Horn County**

4782 Hwy. 310  
Greybull 82426  
Phone: 765-2868  
Fax: 765-2235

### **Campbell County**

1000 S. Douglas  
Hwy., Suite A  
Gillette 82714  
Phone: 682-7281  
Fax: 686-8530

### **Carbon County**

Carbon Bldg.  
PO Box 280  
Rawlins 82301  
Phone: 328-2642  
Fax: 328-2646

### **Converse County**

107 North 5<sup>th</sup>,  
Suite 135  
Douglas 82633  
Phone: 358-2417  
Fax: 358-5998

### **Crook County**

Courthouse  
PO Box 368  
Sundance 82729  
Phone: 283-1192  
Fax: 283-1192

### **Fremont County**

Courthouse  
PO Box 470  
Lander 82520  
Phone: 332-1044  
Fax: 332-1049

### **Fremont County**

PO Box 887  
Riverton 82501  
Phone: 857-3654  
Fax: 857-3661

### **Goshen County**

4516 US Hwy 26/85  
Torrington 82240  
Phone: 532-2436  
Fax: 532-7531

### **Hot Springs County**

328 Arapahoe  
Thermopolis 82443  
Phone: 864-3421  
Fax: 864-3453

### **Johnson County**

762 W. Fetterman  
Buffalo 82834  
Phone: 684-7522  
Fax: 684-5972

### **Laramie County**

310 W. 19<sup>th</sup> St.,  
Suite 100  
Cheyenne 82001  
Phone: 633-4383  
Fax: 633-4223

### **Lincoln County**

PO Box 309  
Afton 83110  
Phone: 886-3132  
Fax: 886-9432

### **Lincoln County**

925 Sage Ave.  
Kemmerer 83101  
Phone: 877-9056  
Fax: 877-5955

### **Natrona County**

2011 Fairgrounds  
Rd.  
Casper 82604  
Phone: 235-9400  
Fax: 265-0419

### **Niobrara County**

PO Box 210  
Lusk 82225  
Phone: 334-3534  
Fax: 334-2188

### **Park County**

PO Box 3099  
Cody 82414  
Phone: 527-8560  
Fax: 527-8565

### **Park County**

655 East 5<sup>th</sup>  
Powell 82435  
Phone: 754-8836  
Fax: 754-5947

### **Platte County**

57 Antelope Gap Rd.  
Wheatland 82201  
Phone: 322-3667  
Fax: 322-4410

### **Sheridan County**

224 S. Main,  
Suite B10  
Sheridan 82801  
Phone: 674-2980  
Fax: 675-2998

### **Sublette County**

PO Box 579  
Pinedale 82941  
Phone: 367-4380  
Fax: 367-4165

### **Sweetwater County**

2500 College Dr.,  
Box A-700  
Rock Springs 82901  
Phone: 352-6775  
Fax: 352-6779

### **Teton County**

255 W. Deloney  
PO Box 1708  
Jackson 83001  
Phone: 733-3087  
Fax: 739-0749

### **Uinta County**

228 9<sup>th</sup> St.  
Evanston 82930  
Phone: 783-0570  
Fax: 783-0580

### **Washakie County**

PO Box 609  
Worland 82401  
Phone: 347-3431  
Fax: 347-9251

### **Weston County**

1225 Washington  
Blvd., Suite 4  
Newcastle 82701  
Phone: 746-3531  
Fax: 746-2870

### **Wind River Reservation**

PO Box 248  
Ft. Washakie 82514  
Phone: 332-2681  
Fax: 332-2683

### **State Office Cooperative**

**Extension Service**  
PO Box 3354  
Laramie 82071  
Phone: 766-5124  
Fax: 766-3998

# RESEARCH AND EXTENSION CENTERS

## University of Wyoming Research and Extension Centers

### **Powell**

747 Road 9  
Powell, WY  
82435-9135  
Phone: 754-2223  
Fax: 754-5605

### **Sheridan**

663 Wyrarno Road  
Sheridan, WY  
82801-9619  
Phone: 737-2415  
Fax: 737-2413

### **SAREC-Lingle**

4516 US Hwy 26/85,  
Suite 2  
Torrington, WY  
82240-8417  
Phone: 532-7126  
Fax: 532-3241  
Lingle: 837-2000

### **SARE**

4516 US Hwy 26/85,  
Suite 2  
Torrington, WY  
82240-9223  
Phone: 532-8892  
Fax: 532-7531