

A supplement to:

OREGON'S AGRICULTURAL PROGRESS

1985 Research
Publications

Agricultural Experiment Station
Oregon State University

The Station is searching for new ways to market Oregon's products

We in the Agricultural Experiment Station are challenged constantly in our efforts to respond to the needs of the many and diverse clients we serve. We are made aware of the needs in the agricultural industry through the many contacts our researchers and extension agents make.

As an administrator, I am in contact with those researchers and agents and learn about their activities and, consequently, the public's interests and needs. Also, I am fortunate to interact with individuals in many public agencies, both state and federal, plus private industries, and thus learn about and take part in their program processes.

These opportunities allow me to be better informed about—and influence—local, regional and national priorities in agriculture. It is through this complex set of conditions that we identify new and improved programs to respond to the public need.



Some of our major new efforts include the areas of market-driven biotechnology (involving both genetic research and computer applications of available information), improved food processing techniques, water resource issues that affect various sections of the state, ways of opening new domestic and international markets for Oregon's products, and preserving the health of the family farm and the integrity of local farming communities.

Robert E. Witters
Acting Director
Oregon Agricultural
Experiment Station

1985 Publications Index

Oregon Agricultural Experiment Station scientists publish the results of their research in several forms. The scientists write technically worded reports called Circulars of Information, Technical Bulletins, Station Bulletins and Special Reports. Also, they publish articles in scientific journals and keep reprints of those articles. The reprints are called Technical Papers.

This supplement lists circulars, bulletins, reports and papers published in 1985. They are listed by the departments of the OSU College of Agricultural Science, and other units such as branch experiment stations. To obtain single copies of Circulars of Information, Technical Bulletins or Station Bulletins, write the OSU Bulletin Mailing Service, Industrial Building, OSU, Corvallis, OR 97331. To obtain copies of Special Reports or Technical Papers, write the authors through their campus departments or branch stations. When requesting publications, refer to the numbers preceeding the titles.

Circulars of Information

Agricultural and Resource Economics

- CI 699, Prescribed Fire for Eastern Oregon Rangelands: Management Considerations.
- CI 700, The Demise of an Agricultural Lender: The Case of the Willamette Production Credit Association.

Rangeland Resources

- CI 699, Prescribed Fire for Eastern Oregon Rangelands: Management Considerations.

Station Bulletins

Agricultural and Resource Economics

- SB 664, The Impact of International Trade on U.S. Employment Levels and Composition.

Eastern Oregon Agricultural Research Center

- SB 663, Changes in Protected and Grazed Sagebrush-Grass in Eastern Oregon, 1937 to 1974.
- SB 665, Winter Nutrition of Fall-Calving Cows and Calves.

Rangeland Resources

- SB 662, Phosphorus and Sulfur Fertilization of Established Subclover in Western Oregon.

Special Reports

Agricultural and Resource Economics

- SR 745, An Investigation of Institutional Impacts on Allocation of Water Supplies for Irrigation: An Oregon Example.
- SR 750, Measure 1: Who Would Pay the Taxes?

Animal Science

- SR 731, Reports of the 26th Annual Swine Day.

Central Oregon Agricultural Experiment Station

- SR 747, A Research Report of the Central Oregon Agricultural Experiment Station . . . Irrigated Crops Research in Central Oregon 1985.

Columbia Basin Agricultural Experiment Station

- SR 738, 1985 Columbia Basin Agricultural Research.

Crop Science

- SR 730, Oregon Forage and Turf Grass Variety Seed Yield Trial, 1982-83.
- SR 732, Weed Control Research in Agronomic Crops, 1983-84.
- SR 737, Results of the Eleventh International Winter X Spring Wheat Screening Nursery (1983-1984).
- SR 739, Simulated Acid Rain on Crops.
- SR 744, Local Climatological Data for Corvallis, Oregon . . . 1984 Summary with Normals, Means, Extremes, Monthly Times Series.
- SR 749, Wheat Cultivar Abbreviations June 1, 1985.

Eastern Oregon Agricultural Research Center

- SR 742, 1985 Beef Cattle Day . . . Resource Integration: A New Approach to Research-Extension.
- SR 743, 1985 Progress Report . . . Research in Rangeland Management.

Malheur Agricultural Experiment Station

- SR 748, Malheur Agricultural Experiment Station Research.

North Willamette Agricultural Experiment Station

- SR 727, Vegetable Research at the North Willamette Agricultural Experiment Station, 1983-1984.

Poultry Science

- SR 751, The True Metabolizable Energy Values of 15 Pacific Northwest Poultry Feeds.

Rangeland Resources

- SR 743, 1985 Progress Report . . . Research in Rangeland Management.

Soil Science

- SR 729, Subsurface Drainage: An Erosion Control Practice for Western Oregon?
 - SR 740, Statistical Analysis of Hydrological Data from Five Small Watersheds in Western Oregon, Volume I: Analysis.
 - SR 741, Statistical Analysis of Hydrological Data from Five Small Watersheds in Western Oregon, Volume II: Data.
 - SR 753, Or-Nature: The Numerical Analysis of Transport of Water and Solutes Through Soil and Plants, Volume I. Theoretical Basis.
 - SR 754, Or-Nature: The Numerical Analysis of Transport of Water and Solutes Through Soil and Plants, Volume II. User's Manual.
 - SR 755, Or-Nature: The Numerical Analysis of Transport of Water and Solutes Through Soil and Plants, Volume III. Error Messages and Numerical Problems.
 - SR 756, Or-Nature: The Numerical Analysis of Transport of Water and Solutes Through Soil and Plants, Volume IV. Examples.
 - SR 757, Or-Nature: The Numerical Analysis of Transport of Water and Solutes Through Soil and Plants, Volume V. Program Listing.
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Technical Bulletins

Eastern Oregon Agricultural Research Center

- TB 149, Seasonal Forage Production and Quality on Four Native and Improved Plant Communities in Eastern Oregon.

Horticulture

- TB 148, Easter Lily Growth and Development.

Rangeland Resources

- TB 147, Ecology and Plant Communities of the Riparian Area Associated with Catherine Creek in Northwestern Oregon.

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