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## Upper Willamette Resource Conservation & Development Project

1307 Lincoln St., Eugene, Oregon 97401

NEWSLETTER - Volume IV, No. 3  
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### REFORESTATION AND ENVIRONMENTAL QUALITY

The tree planting season will soon be upon us. Trees are usually thought of as beneficial to our environment, but there are sometimes many problems in getting them established.

Some areas, such as in the Alsea, are getting good survival but a negative growth rate. This has come about because the deer are browsing more growth than is actually grown.

Soil erosion is usually not a problem in tree planting areas. It can be, though, in some of the Christmas tree plantations that are clean tilled throughout the growing season. Planting a cover crop, such as subclover, has worked out well in some areas. The area will need to be mowed between the rows, especially when the trees are small, as the legume will cover small trees if let go. Subclover will not be a great problem by midsummer, though, as it is an annual and will set seed and die. It will also provide nitrogen for the trees as it has the ability to take nitrogen from the air and convert it for plant use in the soil.

Noise pollution is becoming more of a problem every day. Trees are being used more to help solve the problem. Some of the known facts associated with this are:

1. A screen placed relatively close to the noise source is more effective than one placed close to an area to be protected.

2. Species do not appear to differ greatly in their ability to reduce noise levels, provided deciduous varieties are in full leaf. Thus, evergreens are desirable for year-round noise screening.

3. Urban residential property was effectively screened from passenger car noise with a single row of dense shrubs backed by a row of taller trees, totaling a depth of 20 feet.

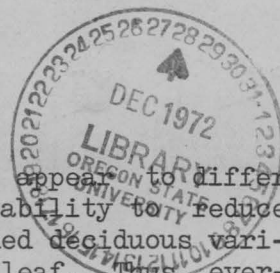
4. Screening for rural areas or free-ways where large trucks account for much of the noise requires wider belts consisting of several rows of tall trees in dense plantings. Distances of 100 feet or more between noise source and the area to be protected are, therefore, desirable.

This article was submitted by Bob Blackburn, RC&D Woodland Conservationist. It indicates a few ways trees are proving to be invaluable in our daily environment.

### WOODLAND PUBLICATIONS

"A Report on Hardwoods, Central Lane County, Oregon," has been published and copies are available from the RC&D office. This was made in response to a request to promote and develop uses of hardwood with special emphasis on alder in the coastal area.

The utilization report and directory of "Wood-Using Industries in the RC&D Area" has been updated and sent to the printers. It too will be available at the RC&D office.



## ELIGIBLE MEASURES

Financial and technical assistance may be provided to sponsors in carrying out the following eligible RC&D measures having community benefits:

1. Critical area treatment (erosion and sediment control)
2. Flood prevention: (a) structures, (b) land stabilization
3. Public multipurpose water-based recreation developments
4. Public water-based fish and wildlife developments
5. Farm irrigation
6. Land drainage
7. Soil and water management for agricultural-related pollutant control
8. Accelerated services

All measures for which technical and financial assistance are provided shall (1) have community benefits, (2) have an RC&D measure plan covering the planning area, and (3) be sponsored by public bodies or public nonprofit corporations having authority and ability to install, operate and maintain community-type measures (cities, counties, state and special purpose districts).

## LAND USE PLANNING ASSISTANCE

"The Project Sponsors support land use planning at all levels, recognizing the need to efficiently and effectively use our resources for the benefit of all concerned." Clarence Parker, RC&D Community Development Specialist, has updated the booklet, "Land Use Planning Assistance." It is available upon request from the Upper Willamette RC&D office.

## STATUS AND PROGRESS REPORT

Annually the RC&D Project makes a Status and Progress Report for Washington, D. C. This year a summary was printed of the valuable work being done by the many cooperating groups and agencies, in line with the Sponsors' goals, as they have been reported to us. It was mailed in September to the Sponsors of the Upper Willamette RC&D Project and the many cooperating agencies, as well as the Oregon delegation to Congress and the Oregon legislators in the area.



## ROADSIDE EROSION CONTROL TOUR

The annual goal to sponsor a roadside erosion control tour on public and private ownership was completed as planned on September 15. An ad hoc committee consisting of Steve Woodard, Industrial Forestry Association; George Amrhein, Bureau of Land Management; Warren Pressentin, Willamette National; and Bob Blackburn, Soil Conservation Service, was in charge of planning and conducting the tour.

All of the major forest industries in the Project Area were canvassed for their interest and participation and the response was excellent. The committee chartered a bus and charged \$3.00 per head for the trip to the McKenzie Drainage area. Thirty-four people were shown typical grass seeding and vegetative management on roads on the U. S. Forest Service, BLM and Lane County lands. U. S. Forest Service had some of their equipment seeding and fertilizing during one stop of the tour. Staff from the SCS Plant Materials Center in Corvallis assisted on the tour. Many had not been aware of the existence of the PMC and the assistance available from the staff and studies made by these specialists.

## BENTON SWCD REPORT

In September 1971 the Benton SWCD received a request from the Benton County Board of Commissioners for technical assistance in making a study of the natural drainage ways and flood plain identification in the North Albany area of Benton County.

The Commissioners were concerned with the effects of urbanization upon the natural drainage ways in the North Albany area. Since the SCS office did not have the personnel to provide assistance, the request was submitted to the RC&D sponsors and accepted by them as a measure.

The North Albany Project to determine floodways and flood plains in the North Albany area was completed and presented to the Benton County Board of Commissioners on June 19, 1972. District Conservationist Gene Sturtevant also referred to two studies done by the Corps of Engineers, which were used in developing the North Albany report, stating that he felt they would be excellent guidelines for determining flood plain policies.

The two Corps of Engineer reports and the RC&D study were adopted by the Benton County Planning Commission on August 22. Upon the Commission's recommendation, on September 6 the Board of County Commissioners adopted the North Albany Report as a guide for the issuance of building permits on the North Albany vicinity and the approval of subdivisions in the area.

## 1973 - NEW YEAR--NEW FACES

This year time and circumstances "beyond our control" have limited the RC&D newsletter to three issues. The four-county area has proven to be quite a challenge for the staff.

Then this fall Clarence Parker, editor, indicated he would be leaving to join the staff of the Oregon Coastal Conservation Commission in Florence. Clarence was assigned in 1966 by the Extension Service as the RC&D Community Development Specialist. In this capacity he also served as Executive Secretary for two of the resource committees--Countryside Beautification and Town

and Community Planning. He "pioneered" a land use planning assistance program with the small communities in the project area. Most of his activities reflected his efforts towards achieving the goals set by both committees.

His replacement, Turner Bond, has been an area supervisor with the Extension Service and is well acquainted in the project area. He will begin his new job with us in January.



Paul Friedrichsen has been an RC&D Agriculture subcommittee chairman for a couple of years. EWEB provided the funds for his appointment in 1970 as an Extension agent for Lane, Linn and Benton counties. As an irrigation specialist he has been evaluating the opportunities for improving the economy through expansion of irrigation. We will miss Paul but wish him well in his new position as Chairman Agent at Burns.

SCS Biologist Dick Bonn has been assigned to the RC&D area for a number of years. In addition to his assistance on farm plans he has also been Executive Secretary for two of the resource committees--Recreation and Wildlife. In recent months he has been very active in coordinating agency activities on impact statements for RC&D measures. Dick has accepted a promotion in SCS which will transfer him to Virginia.

H A P P Y  
H O L I D A Y S



## COMMITTEE COMPLETES GOAL

Since land use plans and crop selections are important factors in setting the patterns of development, the Agriculture Committee of the Upper Willamette RC&D Project believe the information in "Resource Data for Agricultural Development" should be of significant assistance in making the proper development decisions. The reference book is now at the printers. It includes specific data, sources of additional information, and identification of assistance available for guidance on production, processing and marketing of agricultural products.

Paul Friedrichsen, Lane Extension Agent, was the chairman of the subcommittee which has been working for more than two years to complete this project. Copies of this publication will be made available to each office of the agencies providing assistance in this area. The book is not considered to be a published document and is not available for general public distribution.

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This newsletter is a quarterly publication edited by the Community Development Specialist assigned to the Upper Willamette RC&D Project by Oregon State University Cooperative Extension Service. The Project is designed to accelerate resource development in the 4-county area of Lane, Lincoln, Linn and Benton Counties.

## STATE FAIR DEMONSTRATION

A post peeling demonstration was sponsored by the RC&D Woodland Committee and the Small Woodland Association during the ten days of the Oregon State Fair. Trees for poles were donated by Willamette Industries. Crews from the Bureau of Land Management and State Forestry Department cut and hauled the poles. Various post peeling operators from Lane, Benton, Linn and Polk Counties cooperated with Doug Cruickshank, RC&D's Utilization and Marketing Forester, in putting on the demonstration.

The RC&D Woodland Technicians's subcommittee had asked Doug to plan and coordinate the demonstration which was one of the annual goals to develop new and better markets for this small roundwood product. In all, 1931 poles were used in the demonstration, and the only expense was insurance to protect the sponsors from liability.

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