

AROUND THE FARM

BY DON COIN WALROD
County Extension Agent

The turkey industry in Columbia county is not so very big compared to some of our other commodities, but we need not take a back seat to anyone when it comes to quality. Loren Johnson, Scappoose, and his son, Bruce, a 4-H club member, really put the county on the map when they won the grand champions in the junior and senior divisions in the dressed turkey show at Milwaukee, Wisconsin. This show was held in conjunction with the sixth National Turkey Federation convention, January 13 to 15.

Both grand champion birds were young Broad-Breasted Bronze hens weighing 22 and 23 pounds respectively. Loren also won the reserve champion with a 24-pound adult Broad-Breasted Bronze hen. Thus, Oregon pretty much dominated the entire show. A live turkey show was not held in connection with this convention.

Inoculation may have a great deal to do with whether or not legume seedlings become successfully established and their degree of productiveness. When certain types of bacteria are present and all conditions are right, nodules are formed on the roots of legumes.

Through some process that is not known, these nitrogen-fixing bacteria, in conjunction with the nodules they form, are able to take nitrogen from the air and make it available for the plant to use. It is difficult to determine just how much nitrogen might be taken from the air and fixed for plant use. No doubt the amount varies considerably, but in the case of alfalfa it is calculated to be nearly two hundred pounds annually. Thus, it is easy to see why legumes are considered to be soil building crops when they are turned under and the plant foods returned to the soil.

It has been only a comparatively short time that anything has been known about these nitrogen-fixing bacteria, as they were discovered in 1886. Increasing knowledge about them has had a great deal to do with a rapid increase in the amount of legumes grown and their greater importance as food crops and soil building agents.

We now know that these bacteria are choosy in the kind of legume they will work with, and consequently, different strains are required for the different species of legumes. So far seven different groups of bacteria have been recognized for the various legumes. Alfalfa, clovers, peas and vetches, cowpeas, beans, lupines, and soybeans each have their own group or strain of bacteria that work with them. In addition, there are a number of individual legumes that seem to require their own specific group of bacteria. Two of these legumes familiar in this area are birdsfoot trefoil and big trefoil, each requiring its own special strain of bacteria.

One piece of recent research work done in another state concluded that: (1) Alfalfa requires a pH of 6.3 for successful inoculation.

The pH values are merely a way of expressing acidity or alkalinity. A value of seven is neutral while smaller numbers express increasing acidity, the condition we have in most of Western Oregon, and numbers greater than seven express increasing alkalinity; (2) Clovers require a pH of 5.2 or greater for effective inoculation; (3) Lime must be applied long enough prior to seeding to permit reduction of acidity to be the most effective in aiding inoculation. (Some time ago we reported an instance where this was done by Elmer Loyd, Deer Island. The lime was applied a year ago and alfalfa seeded early last June with excellent results); (4) Approximately 5 to 10 times the amount of inoculant usually recommended by commercial companies was suggested. Successful inoculation is important, and since the cost is low, the larger amount was felt to be worthwhile insurance of good inoculation and a successful crop.

WEEKLY FOREST MARKET REPORT

Issued Weekly by Extension Department, OSC and USDA

Oregon State College — The log market was firm in western Oregon last week. There was very little activity in most areas. Cottonwood for pulp was no longer being taken at Eugene or Lebanon. Other forest products were unchanged.

SAWLOGS: No. 2 second-growth Douglas fir sawlogs at Willamette Valley mills were fully steady at \$30 to \$42 a thousand, mostly \$35 to \$40. No. 3's were \$25 to \$30. Long camp-run logs ranged from \$30 to \$40 a thousand, mostly \$33 to \$38. Short logs were \$2 to \$5 less. Eight-foot logs down to six-inch tops were \$15 to \$16.50 a cord, or \$30 to \$38 a thousand.

Old-growth sawlogs were \$33 to \$45 a thousand for No. 2's and \$25 to \$35 for No. 3's. River prices averaged about \$2.50 higher. Peeler logs sold over a wide range. Top prices in the lower valley were \$85, \$95, and \$110 a thousand. Top prices in the Eugene area were \$65, \$75 and \$90.

POLES AND PILING: Forty-five foot barkie poles ranged from 15 to 20 cents a lineal foot, depending on diameter. Very few yards were active.

PULPWOOD: The only remaining pulpwood market in western Oregon last week was at St. Helens. All species were listed at \$15 a cord.

HARDWOODS: Alder, ash and maple at Portland brought \$36 a thousand for 16-inch logs. Eleven-inch logs were \$34, and eight-inch logs were \$30. Top quality upland maple brought \$34 a thousand at Albany. Both alder and maple were \$29 a thousand in eight-foot lengths at Lebanon. Longer logs were \$30.

OTHER FOREST PRODUCTS: Dry cascara bark was 12 cents a pound. Swordfern was 14 cents a bunch.

This report, based on information supplied by the State Board of Forestry and other sources, was prepared by F. H. Dahl, Extension Agricultural Economist.

Vernonia Unit Meeting Dated for February 11

The next meeting of the Vernonia extension unit will take place February 11 at the Christian church, starting at 10:30 a.m. A salad lunch will be served at noon.

Dr. William A. Pollock
Optometrist

Dr. L. K. Pollock
Dentist

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AROUND HOME...

By Helen Sellie
Home Extension Agent

The preliminary meeting for the better dress workshop will be held Friday, February 5, at the high school auditorium in Rainier. This meeting will begin at 10:30 a.m. and continue through until 3:00 in the afternoon. Those attending are asked to bring along sack lunches for the noon hour.

Miss Janet Taylor, OSC clothing specialist, will conduct this meeting.

Attendance at this meeting is a requirement for those wishing to enroll in the better dress workshop.

Making salads and salad dressings will be demonstrated at the following meetings:

Timber route at the Grange hall starting at 10:00 on February 9. Project leaders are Florence Johnson and Lillian Meyer.

Keasey unit at Mrs. Herb Counts starting at 10:30 on February 10.

Vernonia unit at the Christian church starting at 10:00 on February 11. Project leaders are Ina Marshall and Hazel Smith.

Mist-Nehalem unit at Mrs. Howard Jones' starting at 10:30 on February 12. Project leaders are Ilene Larson and Alma Garlock.

These meetings are open to all interested women in the community. We hope you'll take time to attend as I'm sure you'll not only gain information that will help you with your homemaking but also will enjoy the cooperation and friendliness of your neighbors.

This is the second year of 4-H community meetings in Columbia county! Quincy will be the location for the first meeting which will be held at the grade school at 8:00 on Monday, February 8.

Similar meetings will also be held at the Vernonia grade school on Thursday, February 11 and at the Deer Island grade school on Friday, February 12.

These meetings are planned to help club members, parents, leaders and others who are interested to become more familiar with the 4-H club program and the opportunities offered.

A program has been planned which will include demonstrations and participation by the various 4-H clubs in your neighborhood. Harold Black, 4-H agent, and I are hoping to see you and all of your family at these meetings.

Oregonians have a good chance of getting enough Vitamin C rich foods in their winter meals. For the best of health we need one or two servings of such foods every day.

Among the Vitamin C rich foods that are abundant in most markets now are small juice oranges, cabbage and turnips. Cabbage and turnips lose much of the Vitamin C when cooked. Use them as cabbage slaw and raw turnip slices.

Another good way of getting Vitamin C in winter meals is to use canned or frozen orange, grapefruit or tomato juice. Frozen strawberries are another delightful way of getting Vitamin C.

This is the time of the year when homemakers are looking for fruits that will give variety in meals.

One of the answers is the plentiful supply of pears. These pears will give pleasing variety when used as a fresh fruit for dessert, or in salad, or as baked pears.

Poultrymen Notified Of Half-Day School

Poultrymen and farm flock owners are invited to participate in a half-day poultry school scheduled to be held in the county courthouse, Tuesday, February 9, indicates Don Coin Walrod, county extension agent.

Noel Bennion, poultry specialist at Oregon State college, will be on hand to discuss feed, feeding, housing and general management practices. Everyone interested in any phase of the poultry industry is invited to attend this meeting. The meeting is to start at 1:30 p.m.

BEN'S BARBER SHOP
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Community 4-H Meeting Slated

Four-H club work will be in the spotlight at the 4-H community meeting to be held at the Washington grade school in Vernonia on Thursday night, February 11 at 8:00.

Mrs. Helen Sellie Hazard and Harold Black, county extension agents, will take part in the meeting. Four-H clubs in the Vernonia area will also participate.

On the program are a demonstration and a discussion of demonstrations, a skit by a 4-H club, a discussion of the purpose of 4-H club work, reports by 4-H club members on 4-H summer school and other 4-H projects, a description of the various 4-H projects available and a film strip entitled "What Pats A 4-H Club Member In."

The part of the 4-H club parent will be stressed during the meeting.

One of the purposes of the meeting is to better acquaint 4-H club members and parents with the 4-H program. Anyone interested in 4-H club work is welcome to attend.

Unit Meets at Grange Building

"Belts, Buckles and Buttons" was the topic of the Timber route extension unit meeting January 12 at the Vernonia grange hall. The lesson was given by Mrs. Joe Baker and Mrs. Ed Crawford.

Mrs. Paul Lee gave a short report on safety at home; Mrs. Joe Baker gave a talk on citizenship and led the discussion and Mrs. Ray Stanley asked for information on Mexico for the scrapbook.

Hostesses were Mrs. Floyd Shulke and Mrs. Marvin Meyer. There were 13 members present and one visitor.

The topic of the next meeting will be "Salads and Salad Dressings," with the lesson given by Mrs. Joe Johnson and Mrs. Richard Meyer at the grange hall February 9. At the January meeting each member was assigned the type of salad to bring to the February meeting.

Installation of Lodge Officials Attended

RIVERVIEW — Alfred Bays and Mrs. Ethel Hall attended the Rebekah installation at Clatskanie Saturday afternoon. Mrs. Hall remained over the week end at the home of her daughter and family, Mr. and Mrs. Bill Jacobs.

Mr. and Mrs. Clifford Fowler, son Delbert, Mrs. Cora Biggs and Mr. and Mrs. Clarence Fowler visited Mr. and Mrs. Kenneth Fowler, at Warren and Mr. and Mrs. E. D. Johnston at St. Helens Sunday.

Whipple Re-elected Head Of Oregon Oil League

Mint growers of the Clatskanie and Rainier areas took an active part in the sixth annual meeting of the Oregon Essential Oil Growers League held on the campus of Oregon State college last week.

John W. Whipple, Rainier, county judge, was re-elected president of the league, and Roy Engbretson, Clatskanie, was elected to a three-year term on the board of directors. Other Columbia county mint growers participating in the two-day convention were: John Cowles, Rainier; Mr. and Mrs. Adam George, Clatskanie; Earl Chartrey, Clatskanie; and Mr. and Mrs. Walt Nusom, Clatskanie.

Service Man Returns To Washington Base

RIVERVIEW — Mr. and Mrs. Richard Goodman, Teeney Normand and Mrs. Kenneth Lindsay took Pfc. Kenneth Lindsay to Fort Lewis Sunday evening. The rest of the group drove on to Ellensburg to visit their grandfather, Albert Helland.

Mr. and Mrs. L. L. Wells, son A/3c Billy Wells of Paine Air Base, Washington, daughters Patty, Margaret and Ruby, spent the week end in Portland at the home of Mrs. Wells' parents, Mr. and Mrs. Roy Beck.

Mr. and Mrs. Richard Goodman of Prospect are visiting her parents, Mr. and Mrs. Rex Normand.

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