

Conditions for Seeding Cover Crop Excellent

(By W. F. Cyrus, County Agent)
Conditions for seeding cover crops have been especially favorable the past two weeks. A large percentage of the acreage to be seeded to cover crop is already planted, as should be. Immediate seeding is advisable if good crops are to be obtained.

Practically all the acreage of prunes, peaches, walnuts and filberts should, and could be seeded to some kind of crop which would supply the organic material needed in our soils.

Continuous clean cultivation, without the addition of organic matter, will ruin the productivity of rich soils in a few years. Fertility and productivity are improved as well as the water holding capacity.

Cover crops the past two years were not as good as usual due to the cold weather in October and November, which thinned out some of the crops and practically killed others. Consequently the erosion in many of our orchards was much more severe than ordinarily.

On hill land the seeding should be at right angles to the slope, if possible, rather than straight up and down. Seeding in this direction decreases the tendency to erode. Any soil that lies bare all winter without a cover crop loses heavily in the leaching of plant food. Most of this loss can be prevented by growing a crop on the land during fall, winter, and early spring months.

Add to Soil
This crop will use these plant nutrients which otherwise would be leached out, and when the crop is plowed under, they are added to the soil. A good cover crop will ordinarily add six or seven tons of green organic material per acre.

Where, for any reason, such a crop cannot be grown, the organic material supply in the soil may be maintained by using five to six tons of barnyard manure, a ton of alfalfa hay, a ton and a half of clover or vetch straw, and approximately two tons of grain straw.

Where the grain straw is used, an addition of quickly available nitrogen-carrying fertilizer to the straw is desirable. The decomposition and rotting of the straw in the soil is dependent upon a supply of available nitrogen, consequently, the addition of such material hastens the breaking down of the straw and eliminates occasional trouble in cultural practices sometimes experienced where straw has been used.

Crops Recommended
Generally, in Washington county, common vetch and winter barley is the surest combination for a desirable winter cover crop. This should already have been seeded, but if seeded during the next 10 days will make a desirable start and growth. This fall necessary to provide the volume of material desirable in a crop to plow under.

Where this is used, about 40 pounds of common vetch with 60 pounds of barley is the usual rate of seeding. Oats may be substituted for barley in the same quantity. Austrian winter field peas are also desirable and, if used, should be seeded at the rate of about 50 to 60 pounds per acre with about the same amount of winter barley or oats.

Sometimes mixtures of common vetch and peas can be purchased at a lower price than either the peas or vetch alone. This sort of mixture makes a good cover crop and may sometimes make a material saving in seeding costs. If vetch and peas are available at a rather low price, they may be seeded alone at the rate of about 80 or 90 pounds per acre.

Difficulty Found
On some of our orchard soils the growers have had difficulty getting desirable growth in either vetch or peas. If grain ordinarily does fairly well under such conditions, winter peas seeded alone at 90 to 100 pounds per acre is probably desirable. Turnips and crimson clover are two other cover crops which are sometimes used.

In this county we have had excellent crops of turnips, but under our conditions generally more success is likely to be had with the crops previously mentioned. Turnips are likely to be used in August if they are to be used and the crimson clover early in September. These two crops, especially the turnips, have a considerably lower seeding cost than the mixtures of legumes and grain, but growers generally have more difficulty obtaining stands. Drilling is the preferable method of seeding and where legumes are being used on land which has not grown legumes for a number of years, it is desirable to inoculate the seed.

Where the growth is deficient, this may be corrected on some soils, but the addition of ammonium sulfate in the late winter, at the rate of 100 to 150 pounds per acre. In some instances this has meant the difference between a good cover crop and practically none at all.

Orchards need Thinning
There are a few old orchards where it is almost impossible to grow a crop of this kind due to the competition for moisture and also for plant foods. In such instances, it is becoming increasingly apparent that these orchards need to be thinned, that is, part of the trees taken out. Where this has been done, although there has been an immediate slump in the quantity of production, in a very short time this is overbalanced by greatly improved quality, and usually after a few

years the production probably will be as heavy as it was before the thinning.

Growing of cover crops fits into the agricultural conservation program, and is one of the practices for which a payment of \$2 per acre is listed. Some Washington county growers are in a position to collect for 1937, a payment for making such seeding. This pay is due to not having any cover crop which was plowed under last spring. These payments are of course, subject to the farm allowance, and if the entire allowance has already been used, then there could be no payment this fall is limited to seeding of annual legumes.

Oregon Republican Club to Meet Soon

PORTLAND, Sept. 8.—Announcement that Washington county will be represented in the Constitution day program to be held here Friday, September 17, as part of the state-wide convention of the Oregon Republican club was made today by Lowell C. Paget, president of the G. O. P. organization.

Paget named as Washington county members of a Constitution day committee Paul Patterson and Britt Nedry.

The Constitution day program will be held in the Lincoln high school auditorium at 8:30 p. m. with Senator Frederick Steiwer of Oregon, keynote of the 1936 republican national convention, as the speaker of the evening.

Paget has called upon branches of the republican club in all sections of the state to move upon Portland for the two days of the convention, Friday and Saturday, September 17 and 18, to sound a cry for the 1938 elections.

Controversial resolutions, with the future policies of the republican party as the issue, are expected to make their appearance on the convention floor. A liberal bloc has threatened to split the convention wide open to get its beliefs on record.

Death Makes Bold Bid for Girl's Life

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crossing—and then it happened. There was the dull sound of the impact as she was swept up and against the hood and fender, slumped there unconscious as the car rolled on until the limp form slipped to the pavement, bloody and dead. Death became so imminent.

Driver Gives Aid

Afterwards, when the driver, Paul King of Gaston route 2, had given all the aid possible, he related how the victim had run into the pathway of his car and how, swerving into the gravel at the side of the road, he almost managed to miss her entirely, and probably did avoid the crushing impact which was certain if the car had caught her directly against the radiator.

Cooper Mountain School Starts

(By Mrs. John Imlah)
HAZELDALE—Cooper Mountain two-room school opened Tuesday with Wilbur Crocker as principal and Evelyn Day as primary teacher. D. H. Watson, Rhonerville, Cal., and his two sons, Walter of San Francisco, and George H. of Fort Tuna are guests of Mr. and Mrs. George Watson of Aloha, and Mr. and Mrs. W. P. Brown, D. H. Watson and George Watson are brothers.

Public Sale Dates

Friday, Sept. 17—P. J. Merkel, mile east of Hillsboro on Baseline road.
Tuesday, Sept. 21—Mary Hren, 1/2-mile northwest Helvetia store.
Thursday, Sept. 23—A. Spieschaert, 1/2-mile south Cornelia.
Tuesday, Sept. 28—Mike Waefler Jr., Cornelius Pass road.
Thursday, Sept. 30—Gus Carels, mile southwest North Plains.

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Peaceful Lane at Reedville in Washington County



Some of the peaceful calm of rural scenes is conveyed in this picture showing a row of majestic poplars growing at Reedville, which is about 20 miles west of Portland, between Reedville and Hillsboro in Washington county. The poplars were planted some 40 years ago by Simeon Reed—Courtesy Oregonian.

News Highlights

Thursday, September 9

Britain, France order warships to Mediterranean—Italy sends Russian submarine attacks. Italy sends Russian submarine attacks. Italy sends Russian submarine attacks.

Gunfire mark labor violence in Portland sawmill troubles—U. S. consulate and U. S. S. Isabel endangered by shells in furious fighting between Chinese and Japanese.

Mayor Carson of Portland warns C. I. O. and A. F. of L. disorder must stop or police will move in. Peace try fails. Another sawmill closes down.

Al Smith aids Senator Copeland in New York mayoralty campaign.

WILLIAM S. PHELPS
William S. Phelps, 85, of Portland, formerly of Hillsboro, died Tuesday, and funeral services will be held Friday morning at 10 o'clock at the Holman & Lutz Colonial mortuary, with interment in Rose City cemetery.

Mr. Phelps is survived by his wife, Ida May Phelps, a son, William Earl, and a daughter, Mrs. Orpha Christanson, all of Portland. He and his two sons, Walter of San Francisco, and George H. of Fort Tuna are guests of Mr. and Mrs. George Watson of Aloha, and Mr. and Mrs. W. P. Brown, D. H. Watson and George Watson are brothers.

Mr. Phelps and family made their home in Hillsboro prior to going to Portland in 1894. They moved from Kansas to Hillsboro where he followed his trade of carpentry, the

building of the Harrington house on North Second avenue being one of his contracts.

Empty Victory
The winners are unheralded, unsung, but the mourners' bench was crowded for 1,700 losses in races to grade crossings with railroad trains last year, says the Oregon State Motor association. They were killed.

Railroads Greater Menace
Oregon railroad data compiled by the Oregon State Motor association reports that an additional 4,930 persons were injured in highway-grade crossing accidents last year.

Window Exhibit Interests—
Window exhibit this week includes several steel arrowheads found in Western Kansas about 50 years ago by the late Frank Kimball, father of A. H. Kimball of Hillsboro, the present owner. The largest arrowhead was found in the rib of a buffalo. An exhibit by Levi Knorr of near Banks is very interesting, containing a valuable piece of pure iron quartz, a bear claw, bear tusk, timber wolf tooth, fighting rooster spur, and Indian relics. A freak in vegetable was brought in by Mrs. J. C. Bengie of Cove Orchard. It is a regular tomato doughnut.

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Grand Jurors Make Report

Completing work begun Thursday morning, the Washington county grand jury returned 10 indictments Saturday against eight persons, seven being already under arrest, and one still to be apprehended.

Those indicted included Harry Fuller and Fred Claussen of Portland, charged with larceny of a donkey engine from Dutch Canyon. They were arrested July 28 in Portland. Both are alleged to be collectors of old iron and metals for sale to Portland companies.

Frank Lofquist, arrested July 27, is held on a charge of assault and battery on George Wick of Hillsboro. The alleged assault is said to have taken place during an argument at the home of Harold Elford.

Two men were indicted for alleged non-support. They are Omar Sheely, apprehended at Vernonia September 2, and Virgil Vanosse arrested in this county by deputy sheriffs on the same date.

J. W. White and B. R. Nickeson, arrested August 3, were indicted for driving an automobile while drunk, and on another count for being drunk in a public place. It is alleged that they took a machine owned by Columbus Smith, on the day of their arrest, and wrecked it when it went into a ditch in the alley at the rear of the laundry building.

Joe Meek, 25, of North Plains, was sentenced to 30 days in jail, fined \$100 and suffered loss of his driver's license when he pleaded guilty before Judge R. Frank Peters to a charge of driving while drunk.

Action has been started in circuit court by Credit Bureau Inc. against S. D. Meyers and Elmer Johnson has brought suit against George Martz, executor of the estate of T. A. Martz, deceased.

Orders filed this week in circuit court include: Mark Skinner, superintendent of banks vs. Mrs. C. A. Brodersen, voluntary non-suit. Henry Jacobsen vs. F. H. Sholes, dismissal.

New orders this week in probate court include: Wendell Campbell vs. George A. Ham, Benjamin T. West, Henry W. Mohrman, Gustav Miller, Rebecca A. Cram, Watson S. and Adie E. Tilton, Jessie M. Minton, Julia E. Nixon, Frank Bennett, Will R. Hughes, Clara Augusta Fleet, Flora Schulmerich.

Shannon Named to Receive Claims

SALEM, Sept. 1 (Special)—Hugh H. Earle, state insurance commissioner, has received word that Frank P. Shannon, of Kansas City, Mo., has been named to receive claims against the Manufacturing Lumbermen's Underwriters which is now in receivership.

The commission advises all Oregon citizens having claims of any nature to file the same with Mr. Shannon in order to be able to participate in a distribution of the assets of the organization.

The final date set for filing claims is October 16, 1937.

The Manufacturing Lumbermen's Underwriters was organized under the laws of the state of Missouri and has been transacting business in

Hilhi, Forest Grove Play September 17

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but lights are being installed at Pacific university. Hillsboro is one of six county teams to meet there October 1, as part of the dedication.

Other teams are Forest Grove, Beaverton, Tigard, St. Marys and Sherwood. Each team is scheduled to play two quarters.

The meeting with Forest Grove here Friday, is the beginning of an annual home and home meeting of the team. Hillsboro will return the game at Forest Grove Thanksgiving.

Operators Seek Pinball Licenses

While pinball machines were under ban in all parts of Washington county except towns, after Tuesday, operators today (Thursday) were seeking a county-wide license to operate. Arguments as to the legal aspects of the machines were presented by George Bagley for the operators, while G. Russell Morrison presented the state case.

Ban on machines licensed in this town, was not clamped down, it is said, because of an appeal pending in the state supreme court, the operators contending that cities and counties had a lawful right to license.

Local Men Pass State Bar Examinations

Thomas H. Tongue III and Arvin Robb, both of Hillsboro, were among the 38 who successfully passed the state bar examinations, according to announcement made at Salem Wednesday. Ellen P. Arnold of Forest Grove also passed the tests.

Since taking up football in 1894 University of Oregon teams have played 307 games with 43 different opponents. Of that total the Wefferts have won 178 games, lost 101 and tied 28 for an all-time average of 638 Oregon has scored 4070 points against 2050 for opponents in this time.

Estates: Peter T. Nelson. NOTICE OF FINAL ACCOUNT. In the County Court of the State of Oregon for the County of Washington, Probate Department.

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Washington County Schools Get Funds

Washington county schools this week were in receipt of \$12,000.20, the complete apportionment of the state school fund sent out from the office of O. B. Kraus, county superintendent.

The apportionment was based on \$1.32 per census child, with 9779 children counted on the last census. Hillsboro schools received \$102,234; Forest Grove \$102,3; and Beaverton \$740.52.

Portland Manager and Players on Program

Manager Bill Sweeney of the Portland Beavers answered questions on baseball and baseball law at the Rotary club luncheon today. Rotarians seemed to be good baseball fans and asked many questions about the game. Other players present were Catcher Bill Cronin, Third Baseman Fred Bedore and Second Baseman Pete Coscarat and Eddie Montague. Coscarat was recently sold by Portland to the Brooklyn club of the National league.

Bearings Stolen

Theft of brass bearings from Southern Pacific railway freight cars on sidings at Robinson and Fanno stations southeast of Beaverton, is the subject of a probe this week by railway detectives, and deputies from the office of Sheriff J. W. Conner. More than 12 box cars suffered loss of bronze bearings.

AXEL E. NELSON and FRANK O. NELSON, Executors. ORVILLE E. BOYLE, 325 Railway Exchange Bldg., Portland, Oregon, Attorney. (August 12, 19, 26, Sept. 2, 9, 1937)

MEAT and FISH Specials

Have fish tonight and see those appetites perk up! Nothing quite equals its unusual taste and delicious aroma. Fish is economical and easy to prepare.

Friday and Saturday Specials

SALMON Fresh Caught By the Piece	lb. 11c
HALIBUT Sliced, Center Cuts	lb. 19c
TUNA FISH Fresh Today	lb. 20c
PORK ROAST Lean, Meaty	lb. 17c
T-BONE STEAKS Young, Tender	lb. 26c
SLICED BACON LEAN	lb. 29c
PORK RIBS and BACK BONES , fresh cut.	Lb. 12 1/2c
KRAUT	quart 10c
PURE LARD Kettle Rendered 10-lb. Pail	\$1.35

Back to School Bakery Specials

Safeguard your children's health with PERFECTION Wheat Bread

The true energy loaf—rich in dextrose sugar and minerals, made with Gold Medal Wheat-flour and whole milk. Bread is your best and most economical food. Let the children have plenty.

Loaf	10c and 14c
COOKIES Delicious, wholesome assortment for school lunches.	
Dozen	10c
French DO-NUTS	
Dozen	30c

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French Dressing 1/2-pt.	15c
NUCOA—2-lb. pkg.	39c
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COFFEE Golden West 1-lb. Tin 26c 2 Tin **51c** RINSO Large Pkg. **19c** WHITE KING SOAP Toilet, 2 bars **11c** Laundry, 6 large bars **25c**

49-lb. Sack **\$1.59** Windmill Hardwheat 49-lb. Sack **\$1.39** Peerless 49-lb. Sack **\$1.19**

PEACHES Improved Elbertas, Bushel box **\$1.75**
PEARS BARTLETT, Bushel box **59c**
BANANAS Golden Ripe, 4 lbs. **25c**
LEMONS 300 Jumbo Size, Dozen **19c**
ORANGES Medium size, Sweet, juicy, Dozen **25c**
POTATOES U. S. No. 2's 50-lb. sack **49c** YAKIMA

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