

Weeds Great Harm to Good Pastures

Pests Can Be Removed With Little Difficulty and Prevent Trouble.

Prepared by the United States Department of Agriculture.—WNU Service.

"What can farmers do to make pastures more efficient?"

This is the question frequently asked of forage men in the United States Department of Agriculture. Farmers explain that feeds and seeds are high in price; that more dependence must be put upon land already in pasture.

Weeds probably are the greatest handicap to pastures which are properly grazed, and yet receive little notice from many good farmers, according to L. W. Kephart, of the bureau of plant industry. Weeds, he says, usually can be eliminated by proper care of pastures.

First under "proper care" is destruction of tall-growing weeds, like wild carrot, ferns and ragweed, by mowing, cutting, grubbing, or pulling. Close, systematic mowing probably accomplishes the most good with the least amount of man labor—and if faithfully followed eliminate most weeds.

There are some weeds, like buckhorn, hawkweed, and dandelions, that grow so low that mowing does not control them. A roundabout, but an effective way to eradicate such weeds is to apply phosphate fertilizer. Phosphates "bring in" the white clover, which in turn adds nitrogen to the soil. Soil deficient in plant food cannot produce a good pasture.

Some weeds are actually poisonous, and should be removed bodily. Most of them, like water hemlock and white snakeroot, grow in clumps on fairly fertile soil at the edge of woodlands. They can be easily pulled out. Some of the bushy weeds which can be destroyed by cutting are hard back, buck brush, hawthorn, sasparilla and persimmon sprouts, ferns, and snow-on-the-mountain.

Makes Scientific Study of Milk Produced by Sow

Adding to the meager information available concerning the production and composition of sow's milk, E. H. Hughes, associate professor of animal husbandry in the University of California, has published an article in the Journal of Nutrition on this subject. In this study, Professor Hughes has gathered at the branch of the college of agriculture all the known literature on the subject and has added to it the results of investigations made at Davis.

The average daily milk production of a sow is 6.8 pounds, just twice the amount produced when the first test was made in Germany 70 years ago.

Professor Hughes was particularly interested in the composition of the ash of colostrum and normal milk; his is the first study made in this field. He found the ash content relatively low at parturition, increasing during lactation. The calcium and phosphorus content of normal sow's milk is higher than that reported for the human or the cow.

Rubbing Post for Pigs

Rubbing posts to help pigs rid themselves of mange mites will be much more effective if set on a slant of at least 45 degrees, suggests R. L. Donovan, superintendent of the North Central School and Station at Grand Rapids. Slanting the post enables the pig to scratch under his front legs and along his belly, places he could not reach on a post set straight up. The object of a rubbing post is to get the pigs covered with old crankcase oil which will kill mange mites. Therefore the rubbing post is wrapped with old sacks which are kept soaked with the oil.

More Folks on Farms

Farm population of the United States is the greatest now that it has been in the history of the nation, the United States Department of Agriculture announces. On January 1, 1935, it was set at 32,770,000 persons. This is 270,000 above the January 1, 1934, figure. The increase is attributed to a surplus of births over deaths rather than to any marked movement from cities. It is estimated that 783,000 persons moved out of cities, towns and villages to farms last year, but that 994,000 folks moved from farms to urban centers.

Agricultural Notes

Every farm needs a subsistence garden.

Incomplete feeding and lack of minerals cause rickets in pigs.

100% coverage. The Sentinel.

HEBRON. July 30.—The R. B. Powell family were Sun, dinner guests at the Alfred White home.

Rev. E. M. Patterson of Eugene and Miss Myrtle Gilham visited Sun, with Mr. and Mrs. J. C. Baker. Joe Powell is caring for Mrs. Florence Small's place while Mr. and Mrs. Meacham are working at Elkhead.

Raymond Vinson arrived Sat. from the CCC camp at Weston to visit until Aug. 1 with his grandmother, Mrs. S. E. Vinson.

Melvin and Carl Keibel left Thurs. on a trip to coast points and through central Oregon.

The Richard Garman family visited Sun, with Mr. and Mrs. Ernest Van Dusen at Black Butte.

The 4-H clubs of poultry and sewing held a joint meeting Tues. evening to discuss plans for Achievement Day to be held in August.

Mrs. Truman Clark visited Tues. with Mrs. Susie Garoutte in C.G.

Mr. and Mrs. N. E. Edwards and grandson Raymond Walters of Ute, Ia., are visiting at the home of Mr. Edwards' brother, E. J. Edwards, whole enroute to California.

Mr. and Mrs. A. R. Thompson of Orchard, Wash., are visitors at the home of Mrs. Thompson's brother, Fred Patten.

Mrs. Lena Brownson and daughter Irene of Eugene are spending some time at the Albert Ward home.

Mrs. Tom Williams left Fri. for a visit at Vancouver.

Nathan Edwards returned Sat. from a four-day camping trip with the boy scouts under leadership of Eliza Holderman.

Raymond and Fred Thompson of Orchard, Wash., and Mrs. Lola VanOsten of Hood River, who were here to attend the funeral of their grandmother, Mrs. Augusta Patterson, returned home Sat.

Mr. Add Heath and children visited Thurs. afternoon with Mrs. Clyde Clark on Cedar creek.

Mr. and Mrs. Bauch of C.G. were Sun, guests at the John Keibelbeck home.

Mr. and Mrs. Dan Dugan of Divide visited Sun, at the home of a daughter, Mrs. Fred Patten.

Lucy Edwards spent the latter part of the week in Eugene with her father, who is attending U. of O. summer school.

A number from here attended the funerals of Mrs. Augusta Patten and Mrs. Mahala Teeters in C.G. Thurs.

The A. R. Land thresher from Creswell has been working in the neighborhood the past week.

Curtis, Barton and Ione Plunket, John Graham, Mrs. Minnie Plunket and son Ralph of Corvallis, Mr. and Mrs. Carl Plunket and two daughters of C.G. and Winona Aberne were Sun, dinner guests at the Harvey Clark home.

Austria-Hungary's Monarchy

The dual monarchy of Austria-Hungary was created by a written agreement, the Ausgleich of 1867. This agreement between two equal states allowed each state to retain its own parliament, courts, administration and constitution.

A Lop-Sided Universe

Our universe is all lop-sided, says a director of the Harvard observatory, and not evenly distributed out in space. Observation shows that there are 50 per cent more galaxies or groups of stars on the north side of the universe than on the south side.—Pathfinder Magazine.

Give the Home Print Shop First Chance.

Little Wantads Do Big Things. 100% coverage. The Sentinel.

NOTICE OF EXECUTRIX'S SALE OF REAL ESTATE.

In the county court of the state of Oregon for Lane county.

In the matter of the estate of Susan Elizabeth Hubbard, deceased.

Notice is hereby given that in pursuance to an order of the county court of the state of Oregon in and for Lane county on the 23rd day of July, 1935, in the matter of the estate of Susan Elizabeth Hubbard, deceased, the undersigned, Lenora J. Larson, executrix of the estate of Susan Elizabeth Hubbard, deceased, will sell at private sale in parcels or parts to the highest bidder upon the terms and conditions hereinafter mentioned, and subjected to confirmation by said court on or after the 24th day of August, 1935, all the right, title, interest and estate of said Susan Elizabeth Hubbard, deceased, at the time of her death or that the estate may have acquired since her death in and to the real property described as follows to-wit: Lots No. Five and Six (5 & 6) in Block No. Four (4) in D. G. McFarland's Fifth Addition to Cottage Grove, Lane county, Oregon, and the SW 1/4 of Section 8 in Twp. 21 S. R. 2 West in Lane county, state of Oregon. Said real estate will be sold in parts or parcels and the terms and conditions of said sale are for cash in hand or part cash and part credit.

All bids that are offered may be left at the office of H. J. Shinn, attorney for the executrix, in the Jones building in Cottage Grove, Ore., or may be filed with the executrix in Portland, Ore. on or after the 23rd day of July, 1935. LENORA J. LARSON, Executrix. H. J. Shinn, Attorney. 125-423

NOTICE.

In the county court of the state of Oregon for Lane county.

In the matter of the estate of Robert L. Johnson, sometimes Robert Johnson, alleged deceased.

Notice is hereby given that on July 23, 1935, it was decreed by the above entitled court that the legal presumption of the death of Robert L. Johnson, sometimes Robert Johnson, had been made out and on said date the Honorable Fred Pisk, Judge of the above entitled court, made and entered an order that notice of said decree be published in the Cottage Grove Sentinel, for two successive weeks requiring the presumed decedent, Robert L. Johnson, sometimes Robert Johnson, if alive, or any other person for him, to produce to the court within twelve weeks from the date of the last publication of this notice satisfactory evidence of his continuance in life.

The date of the first publication of this notice is July 25, 1935.

The date of the last publication of this notice is August 8, 1935.

MINNIE WELLS, WILLIAM JOHNSON, ARNA JOHNSON. 125-423

Little Left of Ranch

A court action in San Mateo, Calif., revealed the Bari Buri rancho, which included the entire San Francisco peninsula in Spanish California days, had dwindled to a single acre.

Pirate and a Minister

Samuel Speed, once a practical terror to honest seamen in the Caribbean, later became a Church of England clergyman.

Loose Leaf Binders, Sentinel.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. land office at Eugene, Oregon, July 30, 1935. Notice is hereby given that Albert S. Lancaster of Diston Rt., Cottage Grove Ore., who on June 27, 1932, made homestead entry serial No. 020257, for E 1/2 SW 1/4 section 7, township 21 S., range 2 W., Willamette Meridian, has filed notice of intention to make final three-year proof, to establish claim to the land above described, before E. O. IMMEL, U. S. Commissioner, at Eugene, Ore., on the 14th day of Sept., 1935.

Claimant names as witnesses: Fred Overton, James Lebow, Fred Fraese, Ada Overton, all of Diston Rt., Cottage Grove, Ore. ROBERT E. CHAWFORD, Acting Register.

NOTICE OF SHERIFF'S SALE.

Notice is hereby given that by virtue of an Attachment execution issued out of the circuit court of the state of Oregon for Lane county on the 10th day of July, 1935, upon and pursuant to a judgment and order of sale of attached property duly given and made by said court on the 12th day of July, 1931, in an action pending therein, in which H. S. Cline was plaintiff, and Lead Crystal Mining company, a corporation, was defendant, which execution and order of sale were duly directed, and commanded me to sell the mining claims and property hereinafter described to satisfy said judgment, interest, costs and accruing costs, I will, on Tuesday, the 20th day of August, 1935, at the hour of ten o'clock a. m. at the southeast corner of the county court house, Eugene, Lane county, state of Oregon, offer for sale and sell at public auction for cash, subject to redemption as provided by law, all the right, title and interest of the said defendant in said action, and all persons claiming by, through or under them, or any of them, in and to the following described real property and mining claims, to-wit:

Table with 3 columns: Name of Claim, Book, Page. Includes Mountain Lion, Elcalado, Knickerbocker, Frick Tract.

Also that certain mining claims known as Becky Sharp described as follows:

Commencing at a corner No. 1 whence the N 1/2 corner section 11 T. 23 S. R. 1 E. of the Willamette Meridian bears N. 72°44' 10" E. 948.2 feet, thence S. 13°20' W. 600 feet to corner No. 2, thence S. 78°40' E. 1500 feet to corner No. 3; thence N. 13°20' E. 600 feet to corner No. 4; thence N. 78°40' W. 1500 feet to corner number 1; the place of beginning, variation 20°30' east, excluding from this claim all ground in conflict with Sur. No. 565 El Calado and Mt. Lion lodes and the David and Stone Kassel lode.

together with all the dips, spurs and angles, also all the metals, ores, gold and silver bearing quartz, rock and earth therein, and all the rights, privileges and franchises therein incident, appurtenant and appertaining or therewith usually had and enjoyed; also all and singular the tenements, hereditaments and appurtenances or therewith usually had and enjoyed; and all the rents, issue and profits thereof; and all the estate, right, title and demand, property, possessions, claim and demand whatsoever, as well in law as in equity of said defendants, in or to said premises, and every part and parcel thereof, with the appurtenances, and all being located in the Bohemia Mining district, Lane county, state of Oregon.

Dated and first published July 18, 1935. Date of last publication August 15, 1935. C. A. SWARTS, Sheriff Lane County, State of Oregon. 125-415 By A. E. HULEGAARD, Deputy.

NOTICE TO CREDITORS.

Estate of Sarah A. Harvey, deceased. Notice is hereby given that Worth Harvey has been by the county court of the state of Oregon in and for Lane county, appointed administrator of the estate of Sarah A. Harvey, deceased.

All persons having claims against the estate of the said deceased are hereby notified to present the same, duly verified, to the said administrator at the First National Bank of Cottage Grove, Oregon, within six (6) months from the 18th day of July, 1935. WORTH HARVEY, Administrator of the Estate of Sarah A. Harvey, Deceased. 125-415

NOTICE OF ADMINISTRATOR'S SALE OF REAL ESTATE.

Notice is hereby given that in pursuance to an order of the county court of the state of Oregon in and for the county of Lane on the 16th day of July, 1935, in the matter of the estate of Verva Ethel Frans, deceased, the undersigned, Elmer W. Frans, administrator of the estate of Verva Ethel Frans, deceased, will sell at private sale in one parcel to the highest bidder upon the terms and conditions hereinafter mentioned and subjected to confirmation of said court on or after the 17th day of August, 1935, all the right, title, interest and estate of the said Verva Ethel Frans, deceased, at the time of her death in and to the real property described as follows, to-wit:

All that portion of the west half (W 1/2) of section 33 in township 21 south of range one (1) west of the Willamette meridian lying and being north of Row river and containing 60 acres, more or less, all in Lane county, state of Oregon, except a certain tract of land described as follows: to-wit: Beginning at a point 50 feet east of a point on the west line of the west 1/2 of the southwest 1/4 of section 33, township 21, south of range 1 west of the Willamette meridian, Lane county, Oregon, 18.97 chains south of the northwest corner thereof, and running thence east 500 feet to the right bank of Row river, thence along said bank in a westerly direction to a point due south of the point of beginning, thence north 489 feet to the point of beginning, containing 3.08 acres of land in Lane county, state of Oregon.

That the terms and conditions of said sale are for cash in hand subjected to a mortgage given to Axel Berggren for the sum of \$900. All bids that are offered may be left at the office of H. J. Shinn, attorney for the administrator, in the Jones building in Cottage Grove, Ore., or may be filed with the said administrator.

Dated this 18th day of July, 1935. ELMER W. FRANS, Administrator of the Estate of Verva Ethel Frans, deceased. H. J. Shinn, Attorney for Administrator, Cottage Grove, Ore. 125-415

WANTADS

WANTADS STRICTLY CASH. One cent a word, minimum 25c; three insertions for price of two; additional insertions for one-third the price of three.

FOR SALE OR TRADE.

WOOD.—Bone Dry Slab, \$2.50 cord; Block and Planer Wood, Special Rates on Winter Supply. ERVIN HANSEN, 707 N. 10th St. Phone 184-R. 125716

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FOR SALE or trade.—Australian shepherd pup, natural heeler. Leonard Gilchrist, Phone 39-F-3. 125-489

FOR SALE.—Barah A. Harvey residence at 136 north Sixth street. Reasonable price and terms. See Worth Harvey at First National Bank. 125-489

Olympic wood range, \$4.19 a month.

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A new Davenport and Chair—new design, new style—neater—wonderful cushion—you'll like 'em. Just in from Chicago furniture market.

FOR SALE—Two cows—one in Jersey-Guernsey, just fresh; other is Guernsey to freshen Sept. 25. A. R. Hall, 1/4 mile east of Saguinaw in Deight valley. alp

FOR SALE—Fresh cabbage. Call Vinal Randall Jr. Phone 145-L. alp

FOR SALE—Three-inch low-wheel Mitchell wagon. This is a bargain at \$30. C. Schaper, Diston route, On Mosby creek road 6 miles southeast of city. alp

MCCULLY REALTY COMPANY—69 W. Broadway, Realtors, Phone 137. Want Cottage Grove, modern home, in exchange for 4 bed-room, modern home, basement, furnace, hard wood floors, good location, large lot, in Eugene. alp

WOOD WANTED.

Want load of oak wood at once. Limb wood preferred. Elbert Bede. alp

POSITIONS WANTED.

STENOGRAPHER, single, wishes six months' employment. One year experience in law office, six months commercial and other experience. Box 66, Cottage Grove. 125-419

MISCELLANEOUS.

WANTED.—Owners of Pioneer Relics in vicinity of Cottage Grove to keep them at home for the present.

FOR RENT.—New plastered five-room house, modern except furnace; basement, garage, spring water furnished for house, lawn, garden and flowers. \$17.50 per month to small reliable family. G. B. Arnest, phone 192-J. 125-489

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H. AXLEY, Physician and Surgeon. Evenings by Appointment Over Kem's Drug Store. Cottage Grove, Oregon

DR. G. L. EARL, Physician and Surgeon. General Practice. First National Bank Building, Cottage Grove, Oregon

ATTORNEYS

HERBERT W. LOMBARDO, Attorney at Law. First National Bank Building, Phone 94, Cottage Grove, Ore.

H. J. SHINN, Attorney at Law—Notary Public. Practices in All Courts. Jones Building, Cottage Grove, Oregon

ALTA KING, Lawyer. Bank of Cottage Grove Building, Phone 90, Cottage Grove, Ore.

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