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HIGH FERTILIZER VALUE OF SPOILED HAY

"Every acre of this spoiled hay, then, that is applied to the land will permit the raising of three 30-bushel wheat crops, or five 40-bushel oat crops or three 600 bushel apple crops, without any depreciation in the fertility of the soil," is the astounding statement made by Professor H. D. Scudder, agronomist of the Oregon Agricultural College in discussing the farmers' most pressing problem of the best disposition to make of spoiled hay. Professor Scudder continues the discussion as follows:

"A ton of clover hay contains 40 tons of nitrogen, five pounds of phosphorus and 30 pounds of potassium. If this amount of plant food was to be purchased on the market as fertilizer, it would cost not less than \$8.50 and probably closer to \$10.50, depending upon the form of fertilizer. Since a good average field of vetch and clover would yield for the first cutting this year about three tons per acre, the actual fertility value at the lowest market price for these three plant foods alone, contained in the spoiled hay on the average acre of clover land is \$21.50. Clover hay that has become spoiled for feed has lost little or none of these fertility elements, and hence every ton of it that can be returned to the land is worth not less than \$10 to \$15 and every acre with three tons of this spoiled hay carries a value of \$30 to \$45 if properly utilized.

"The folly of letting this hay lie or burning it up can be seen at a glance. It should be hauled to the barnyard and thrown in deep piles just as is the manure. In other words, it should be composted, or allowed to rot. If it inclines to 'firing' it should be wet down a little. When the fall rain comes it will rot down and be ready to spread on the land in the following winter. In many cases this hay can be hauled off the meadow and spread at once on the stubble field or pasture that is to be plowed this fall. Before plowing it should be thoroughly disked so that it will be chopped up and mixed with the surface soil.

"Every ton of it contains as much plant food as is taken away from the barn in 30 bushels of wheat, or 66 bushels of oats, or 200 bushels of potatoes, or 600 bushels of apples, or in one ton of fat hogs, or four tons of milk, or 10 tons of butter."

WIDOW'S PENSION ACT

To the Editor:
 It would appear from the reports of the various counties of the state, that the new "Widow's Pension Act" is likely to become very burdensome on those least able to bear it. I am not certain what the provisions of the act are, but will submit to you a case which I think is decidedly unreasonable. A. is a widow with children, owns a good home as well as other real estate, and has an income of \$548.00 per year from a salaried position. B. and C. are working men, living near A. each owning some city property. B. lives in his own house and has an income of perhaps as much as the widow, but

as he is a laboring man said income is precarious. He has a family to support also. C. rents his town house for no more than enough to pay taxes, insurance, and improvements, lives on a small place near town, and at the most does not earn more than \$300 per year, and still these men must help to pay the pension which means to them a little less to wear, a denial of a few comforts, and eventually perhaps they, instead of the said widow, will need shelter in a public institution, while to the widow it means a little more money to spend on luxuries. I submit that this is a very unfair piece of business and that it should be stopped, as to my mind it savors distinctly of "something for nothing."

A. M. F.

NOTICE OF STREET IMPROVEMENT

Notice is hereby given that the Council of the city of Newberg, Yamhill County, Oregon, propose to improve College street from a line five feet north of the North line of Second street to the South line of Sixth street in the said city of Newberg, by grading said portion of said street so as to conform to the established grade thereof, by constructing concrete curbs thereon, by providing and constructing street drainage for said portion of said street, and by paving with five inch gravel bitulithic pavement the said portion of said College street; and

Further notice is hereby given that the improvement to said portion of said College street shall be made in accordance with the plans and specifications for said improvement filed in the office of the Recorder of the City of Newberg on the 7th day of July, 1913, and that the estimated cost of said improvement is the sum of \$8850, and that the cost of said improvement is to be assessed to the property abutting said portion of said College street and collected in the manner provided in the charter of the city of Newberg and the laws of the State of Oregon applicable thereto; and

Further notice is hereby given that the Council of the city of Newberg will, at an adjourned meeting thereof to be held on the 22nd day of July, 1913, at 8 o'clock p. m. on said date, at the council room in the said city of Newberg, hear and determine objections and remonstrances to said improvement, if any.

This notice is given by order of the Council of the city of Newberg.
 Dated this 10th day of July, 1913.
 W. W. Nelson,
 Recorder of the City of Newberg.

IRRIGATION PERMIT GRANTED

During the quarter ending, June 30, 1913, the State Engineer has issued one permit to appropriate water in Yamhill county, which is for Morris Greenhoot. This permit is for the irrigation of 30 acres of land; the water being diverted from Wildwood Creek in Sec. 15, Tp. 2 S., R 5 W.
 The state engineer has issued 114 permits for the appropriation of water and the development of 14,000 horsepower, of

which 15 are for the construction of reservoirs with a storage capacity of 377,487 acre feet of water.

REAL ESTATE TRANSFERS

Axe Logging Co & W B Mersereau to Paul F Woppendorff timber on various lands in Yamhill & Clackamas cos \$1000.

G P Bartlett & wf to C L Larned et al Several small tracts in Benj S Burch d l c in tp 5 sr 4 w m \$10.

A Julian Bartholomew to C L Brubaker se 1/4 of se 1/4 sec 15 in tp 5 sr 7 w m con 40 ac \$5.

F M Blanchard & wf to Marshall & Adaline Sleeper 102.15 ac in sec 27 tp 2 sr 3 w except water right reserved \$10.

T A Boulden & wf to John H Rhotan nw 1/4 of sw 1/4 & lot 5 sec 1 tp 5 sr 3 w con 74.28 ac \$50.

N E Britt & wf to Jessie E Britt ne 1/4 of ne 1/4 sec 25 tp 3 sr 2 w & lots 1 to 10 and 27 to 36 blk "D" Hobsons add to Newberg \$10.

Jessie E Britt to N E & Frances Britt ne 1/4 of ne 1/4 sec 25 tp 3 sr 2 w & lots 1 to 10 and 27 to 36 blk "D" Hobsons add \$10.

Allen W Carl et al to Francis Stout 79.93 ac in James McGinnis d l c tp 3 sr 4 w \$1.

Allen W Carl et al to David Stout 55 ac in James McGinnis d l c tp 3 sr 4 w \$1.

Jean Clark Fouilhoux et vir to Churchill-Matthews Co 800 ac nw of Sheridan tp 5 sr 6 w \$1.

Emily E Folsom et vir to J & Sarah Tompkins 74.05 ac in secs 14 & 15 tp 5 sr 5 w \$1.

Ruth Gallagher et al to George H Carl 55 ac in James McGinnis d l c in tp 3 sr 4 w \$1.

J D Gordon & wf to Fred Werth lot 3 blk 11 Edwards add Newberg \$10.

Wm Hammett & wf to James Hammett Sr s 1/2 lots 12 & 14 Hurleys subd & 20 ac in F King d l c tp 3 sr 3 w.

F A Morris & wf to B F Pike lot 6 blk 18 City Park add Newberg \$1.

Joseph Morris & wf to Miss F E Buckler e 1/2 of se 1/4 sec 16 tp 3 sr 6 w con 80 ac \$1.

State of Oregon to Joseph Morris e 1/2 of se 1/4 sec 16 tp 3 sr 6 \$100.

Maude May Prigmore et vir to Nancy Miller 2 small tracts in city of Newberg.

J & Sarah H Tompkins to Jacob H Tompkins nw 1/4 of se 1/4 con 40 ac sec 25 tp 5 sr 3 w \$1200.

MARRIAGE LICENSES

H. Mabel McNay, age legal to Fred W. Holcomb, legal.

Mary Knew All About It.

Little Mary's father had been teaching her to walk properly. "Walk slowly and turn out your toes," he admonished her.

While she was undergoing this teaching she attended Sunday school one day. The golden text was, "Teach me to walk honestly." After reciting it several times the teacher asked:

"Who knows what that means?"
 "I do," replied little Mary. "Walk slowly and turn out your toes."

Couldn't Fool Her.

Mrs. Murray Keith, a venerable Scotch lady, from whom Sir Walter Scott derived many of the traditions and anecdotes wrought in his novels, taxed him one day with the authorship, which he stoutly denied. "What!" exclaimed the old lady. "D'ye think I dinna ken my ain groats among other folk's kail?"

OREGON NEWS NOTES OF GENERAL INTEREST

Events Occurring Throughout the State During the Past Week.

Bank Cashier Paroled.
 Salem.—Coincident with an announcement that State Superintendent of Banks Wright had declared a dividend of 20 per cent for the depositors of the First State Bank of Philomath, making a total of 80 per cent declared, is another that James Evars, cashier of the bank, convicted of forgery and sentenced to serve from two to 10 years in the penitentiary, has been paroled.

The liabilities of the institution were \$55,000, and Mr. Wright believes the assets will be sufficient to pay the depositors in full, but there will be no money for the stockholders. The bank failed in October, 1911, and Evars, whose right name is Evans, was indicted soon afterward. Money he is alleged to have used fraudulently was invested in a creamery by the cashier, and, it is said, he got no benefit from it.

Succumbs to Hydrophobia

Portland.—Frank Griffith, proprietor of a sight-seeing automobile concern, died in agony of hydrophobia as the result of the bite of a mad dog suffered five weeks ago. At the hospital where Griffith was confined he burst a straitjacket and it required the efforts of six strong men to subdue him.

VALE GETS MANY SETTLERS

Government to Open Large Tract to Entry.

Vale.—The throwing open by the government of 110,000 acres of land adjacent to Vale to homestead entry promises to make this city the mecca of homeseekers during the next few months. A large proportion of this land is fertile valley and bench land, below the Bully Creek and Star Mountain irrigation projects, and being susceptible of irrigation cannot be taken up under the 320-acre homestead law, 160 acres being the most any one person can homestead.

Of this land, 73,000 acres have been held in a petroleum reserve, and 27,000 acres were withdrawn for the Harper reservoir project. Settlers have been petitioning the interior department at Washington for the past two years to release the petroleum reserve lands, and have just succeeded in having this done. The land will be open for selections, according to advice received by the Vale Land office, on July 18, at 9 o'clock A. M., and filings will be received after 9 A. M. August 18th.

Bogus Money at Bandon.

Bandon.—In the last few days business men and others, have found themselves possessors of half dollars which are not genuine. Upon investigation it is learned that the circulation of the bogus money began during the Fourth of July celebration in Bandon. Approximately \$250 of the half dollar pieces were in circulation here.

So Many?

They went in to dinner together. He was very bashful, and she tried in vain to draw him out. Finally she began to talk books, and he became responsive. "And Hugo," she asked, "do you like his style?"

"Oh, yes," he replied: "I find him intensely interesting. I've read a number of his books."

"Then she asked, 'Have you read 'Ninety-Three'?"

"No, I've—er—only read three. I didn't know he had written so many."—Lippincott's Magazine.

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