

OUTLINES THE WORK

Secretary Wilson Tells What Department of Agriculture Has Been Doing.

DENATURED ALCOHOL

Is Referred to, and Other Branches of the Work Are Touched Upon.

Pittsburg, Pa., April 29.—Some interesting facts concerning the work of the department of agriculture were given out by Secretary Wilson in his address before the Americus club.

Regarding denatured alcohol the secretary said:

"No more coal is being made, our wood fuel is getting scarce, and the supply of mineral oils will some day cease. It is high time we were looking about for sources of light, heat and power. Other countries are doing this. Alcohol meets the requirements, and starchy plants yield alcohol. One of our explorers last year found the Siberians at Tomsk growing a large variety of potato for the alcohol it yields. He brought back half a ton of them, which will be distributed this spring among the experiment stations. The southern cassava, yams and sweet potatoes will yield alcohol, as will the sugar beet. Corncocks will give 11 gallons of alcohol to the ton, and sweet corn stalks 7. Many refuse plants will be used, and much unmarketable fruit and vegetable matter. The farm is ready to supply heat, light and power when other sources fail. Many localities in the west suffer for fuel in the winter when storms are severe or cars are scarce.

"We have legislation to permit the making of alcohol without the payment of taxes when mixed with something to prevent its use as a beverage—wood alcohol, perhaps. The time is surely coming when the people remote from wood, coal or oil will arrange to grow plants rich in starch for their supply of heat, light and power. The present inquiry is along the line of economic production, as in all new enterprises. The cornstalks of the corn belt that are not used for fodder would make very large quantities of alcohol, which would be extracted and the refuse returned to the soil or used for feed, to maintain necessary organic matter, alcohol not being a fertilizer. The department of agriculture is experimenting along this line, and also with regard to new devices for burning this new fuel."

National Forests.

Touching upon the question of national forests the secretary said:

"We have 148,000,000 acres of national forest reserves in charge of the department of agriculture for preservation and use, selected from the wooded lands of the public domain. The mountains at the headwaters of the streams are nature's first reservoirs, where trees grow to protect the undergrowth that holds the water until it percolates into the land, whence it issues in springs throughout the year. Where the trees are cut and the surface is exposed, as has occurred to such an extent, the rains wash the soil down to bedrock, into the valleys, destroying them, causing higher and higher floods after every precipitation, and lowering the streams between floods, as the good people of this city have lately been experiencing. We have gone too fast and too far in denuding our mountains of their trees. Wood is becoming scarcer and dearer every year. As population increases we shall be compelled to use more acreage in its sustentation. The trees will be planted again on the watersheds, and dams will be built to hold surplus water for use in times of drought, as is done in older countries. Your rivers then will be more serviceable in summer and less dangerous in the spring time."

Meteorology.

The secretary told of the weather observation work as follows:

"We have weather observations at 200 stations throughout the country, which enable to forecast conditions in the interests of agriculture and commerce on land and water, but we have not made sufficient research into the principles that control the weather. We detect the cyclone that is coming through the Caribbean sea and herald its arrival on our shores. We give information ahead of cold that is coming from the north. We apply what we know of the weather as no other country does, but other countries study principles more than we do, though they fail to make the

practical application as widely as we. Now, however, a research station is being established near Washington. Temperature, moisture and the air at great heights will be studied. The relations of the magnetism of the earth, the temperature of the soil, and the motions of the earth will all have been shown to have a more or less intimate connection with meteorology. When all these factors are well under observation, better forecasts will be the result."

Handling Fruit. Secretary Wilson in regard to the handling of fruit said:

"As agriculture develops and becomes systemized the relations between the farmer and the man in the city will become more intimate. Thousands of tons of produce are grown which must be handled more quickly, sent into our city markets, and disposed of. Thus have developed the great problems connected with transportation, storage, and the general handling of perishable products, such as fruits, vegetables, etc.

"On the Pacific coast 30,000 carloads of oranges are produced every year, and most of these must be sent across the continent to be distributed in our eastern markets. Hundreds and thousands of carloads of these fruits are destroyed through improper handling, and hundreds and thousands of other perishable fruits, such as peaches and apples, are similarly lost through bad methods of handling. The department is studying these questions and pointing out to the grower how he may so improve his methods as to prevent his losses, pointing out to the packer how he may handle the fruit and perishable products so as to help the grower, and pointing out to the transportation companies how they may conduct their business to the end of placing the goods in the hands of the consumer in good condition. Besides this, the department is pushing investigations with a view of placing these choice fruits across the water in the markets of our European neighbors. Special methods must be devised for handling and shipping these long distances. We have shown how peaches may be shipped from the southern states and placed on the Liverpool and London markets as fresh as when they were taken from the trees. Such fruits have yielded handsome profits, and open the way for the clearing of our markets in times of overproduction."

MARINE NEWS

TIDE TABLE. The following table shows the high and low tides at Empire for each day during the coming week:

Table with columns for High Water (A.M., P.M.) and Low Water (A.M., P.M.) for April 30th through May 6th.

To find the tide hours at other Coos Bay points, figure as follows: At the bar, -0.43; at North Bend, add 0.40; at Marshfield, add 1.51; at Millington, add 2.15.

MARINE NOTES.

The schooner Novelty arrived at Porter yesterday from San Pedro, which place she left twenty-four days ago. The schooner Repeat is out from San Francisco thirteen days. The schooner Amego is fifteen days out of San Pedro for this port. The barkentine Wrester arrived at the C. A. Smith Lumber and Manufacturing company mill yesterday from San Francisco. The schooner Esther Buhne, from San Francisco, is lying at the railroad wharf ready to load lumber from Johnson's mill at Coquille. The vessel arrived yesterday.

M. F. PLANT HERE.

Arrives From San Francisco With Cargo and Passengers. The steamer M. F. Plant arrived in this harbor yesterday afternoon about 3 o'clock, and will leave Wednesday. She brought a large cargo and the following passengers: Mrs. Berry, Mrs. Woodley, R. H. Rosa, J. W. Mast, P. Hink, May Hink, G. Gable, James Bird, A. E. Fiske, A. Bear, A. F. Nehaus, Charles Johnson, Captain A. M. Simpson, A. Larson.

WORK WILL SOON BEGIN

Marshfield Methodist Church Repairs To Commence in About Two Weeks.

WILL SPEND \$3,000

New Pews to Be Installed and the Parsonage Will Be Enlarged.

The work of repairing the Methodist church at Marshfield will begin in about two weeks. The congregation will spend about \$3,000 in making the improvements.

The parsonage at the rear of the church will be separated from the main building and moved back, and to it will be added four rooms and a bath, making a pleasant home for the pastor and his family. The addition will be 16x30 feet in dimensions.

The church building proper will be enlarged so that the seating capacity will be increased to 400. Under the present arrangement there is not room to accommodate those who attend, the church being crowded at every service. New circular pews will be installed and the building repaired inside and out, so that it will be practically new when finished.

REAL ESTATE TRANSFERS.

Furnished by the Title Guarantee and Abstract Company, Henry Stenacker, manager.

Stephen Gallier, sheriff, to S. B. Cathcart, tax deed to lot 2 1/2 block 25, Glasgow; \$3.

Stephen Gallier, sheriff, to S. B. Cathcart, tax deed to lots 16, 17, 18, 19, and 20, block 4, Steamboat addition to Yarrow; 14.

Stephen Gallier, sheriff, to S. B. Cathcart, tax deed to lots 1, 2, 3, 4, 5, 6, 7, 8, and 9, block 8, Bay View addition to Millicola; \$1.

Stephen Gallier, sheriff, to S. B. Cathcart, tax deed to lots 1, 5, 6, 7, and 8, block 12, Steamboat addition to Yarrow; \$2.

Stephen Gallier, sheriff, to S. B. Cathcart, tax deed to lots 39 and 40, block 14, Portland addition to Bandon; \$0.50.

Stephen Gallier, sheriff, to S. B. Cathcart, tax deed to lot 17, block 38, Glasgow; \$2.

Stephen Gallier, sheriff, to S. B. Cathcart, tax deed to lots 17 and 18, block 2, Portland addition to Bandon; \$0.50.

W. M. Shusher, by sheriff, to S. B. Cathcart, tax deed to lot 1, block 13, Portland addition to Bandon; \$4.

Carl Hack, by sheriff, to S. B. Cathcart, tax deed to lots 35 and 36, block 10, Portland addition to Bandon; \$8.25.

J. S. Aspinwall, by sheriff to S. B. Cathcart, tax deed to lots 3 and 4, block 2 Portland addition to Bandon; \$2.90.

W. P. Hepburn, by sheriff, to S. B. Cathcart, tax deed to lots 3 and 4, block 18, Steamboat addition to Yarrow; \$2.

Ed. G. Lee, by sheriff, to S. B. Cathcart, tax deed to lots 37, 38, 39, and 40, block 6, Steamboat addition to Yarrow; \$17.

M. R. Fletcher, to S. B. Cathcart, lot 17, block 38, Glasgow; \$3.

W. H. H. Regro, to A. L. Volkmar, lot 1 block 31, Browns addition to Myrtle Point; \$600.

United States, to Chas. O. Erickson, land patent to S. E. quarter, section 29 township 12, 11.

W. F. Wyland, to Chas. L. Trabert, timber on S. half of S. W. quarter of S. W. quarter section 23, township 31, 12; \$100.

Finley Hartley, to Fred A. Kribs, N. W. quarter of N. W. quarter section 10, township 31, 12; \$1.

Simpson Lumber Co., to M. B. Zimner, lots 21 and 22, block 49, North Bend; \$5.

Geo. W. Loggie, to L. J. Simpson, quarter interest, N. half of N. E. quarter, N. E. quarter of N. W. quarter, lot 1, section 1, township 26, 14; \$10.

East Marshfield Land Co., to J. P. Thomson, Lots 23 and 24, block 9, East Marshfield; \$335.

J. C. Plankington, to I. S. Smith, lot 17, block 37, Western addition to North Bend; \$450.

Stephen Lapp, to P. Lapp, N. W. quarter of S. W. quarter, section 29, E. half of S. E. quarter, section 30, and lot 1 section 31; \$500.

United States, to Paul S. Ware, E. half of E. half, section 10, township 26, S. R. 10 W.; \$10.

Paul S. Ware, to B. Folsom, E. half of E. half section 10, township 26, S. R. 10 W.; \$10.

half of E. half, section 10, township 26, 10; \$10.

Edgar L. Wheeler, to Albert Smith lots 3 and 4, block 11, Bennett's Bandon Beach; \$70.

Anita Winant, to Robert Fredrick Jr., et al, lot 5, block 2, Commercial addition to Bandon; \$1000

Warren Laird, to R. S. Knowlton, lot 6, block 25, Watkins Extension of North addition to Coquille; \$50.

Elmer Hamlin to R. E. Buck et al., lot 31, block 18, Dunham's addition to Bandon; \$180.

L. J. Hughes to Charles L. Trabert, N. E. quarter Sec. 10, N. half Sec. 20-27-10; \$10.

L. J. Hughes to Charles L. Trabert, N. E. quarter Sec. 30-27-10; \$10.

Emma Shnauter et al to Charles L. Trabert, S. W. quarter Sec. 8-26-10; \$10.

Wilber F. Hatch to Charles L. Trabert, W. half Sec. 22-26-10; \$1.

E. Huckendorff et al to Mary Huckendorff, lots 1, 2 and 3, block 60, Porter addition to North Bend; \$10.

Richard Thrush to Johnson Lumber Co., right of way in Sec. 3-28-14.

Stephen Lapp to P. Lapp, N. W. quarter of S. W. quarter Sec. 29; E. half of S. E. quarter Sec. 30, and lot 1, Sec. 31-23-12; \$500.

United States to Paul S. Ware, patent to E. half of S. E. quarter Sec. 10-26-10.

Paul S. Ware to B. Folsom, E. half of E. half Sec. 10-26-10; \$10.

B. Folsom to John M. Throne, E. half of E. half Sec. 10-26-10; \$10.

ADVERTISING OF OREGON.

Portland, Ore., April 29.—The fruit crop of Oregon during the coming season promises to be especially large, and as a result of the freezing weather in the middle west, the market will be active and prices high, bringing Oregon's fruit growing capabilities to the front in a most forceful way.

Portland, during the month of April, will exceed by more than \$5,000,000 the building record of any other month in the history of the city.

Oregon has again been honored through the appointment of Isaac A. Manning, who has been active in the work of the Portland Commercial club and Oregon Development League in advertising Oregon. Mr. Manning goes to Cartagena, Colombia, South America, and he will not overlook an opportunity to extend the trade of this state.

The Portland Business Men's Excursion, which will be most thoroughly representative of the best business interests of the metropolis, will make stops at 33 Oregon and 5 Idaho cities and towns, and consume six days. They leave Monday, May 6, at 8:30 a. m., and return the following Sunday morning.

A general meeting of the Oregon Development League is being discussed for some time in June, the exact date not yet decided upon, at which a plan will be discussed and decided upon that will give to the state of Oregon every possible advantage that can accrue through the colonist rates which will begin September 1st and close October 31st. These rates are the same as those which ruled during March and April, thousands of people to this state.

STARTS TENNIS PRACTICE

Jay Gould Is Beginning His Training Work.

London, April 29.—Jay Gould, the American amateur tennis court champion, lost no time in getting to work. He opened practice for the English championship at Prince's club. "Punch" Fairs, the world's champion, was his opponent, and the young American's play was keenly watched.

Though Mr. Gould has not yet got his land legs he seems improved since in England last year. He shows more resource, has a heavier cut and possesses a powerful forehand forcing stroke for the Dedans.

Mr. Gould said: "I'm extremely sorry Mr. Eustace Miles decided to retire. I came specially to England to win the championship from him."

"Punch" Fairs said: "The amateur championship is a walkover for Mr. Gould, unless he takes ill. I hope he'll play for the gold racquet at Lord's Cricket Club, as well as should win it comfortably."

METHODIST CHURCH.

Notices for the Week Commencing April 29.

Tuesday April 30—Choir practice at 8 p. m.

Wednesday, 3:30 p. m.—Willing Workers at Mrs. Levar's.

Thursday, 7:30 p. m.—Prayer meetings.

Friday—The Ladies' Aid will serve tamales at Mrs. John Bear's during the afternoon.

MARKETS

Quotations are as follows: Flour—Per sack, \$1.10 to \$1.50. Potatoes—Per lb., 2 1/4 to 2 1/2 c. Cabbage—Per lb., 5 to 6c. Cauliflower—Per head, 10 and 15c. Honey—Per box, 20; 3 for 50c. Onions—Per lb., 4c to 5c. Butter—Per square, 45 cents. Boiled cider, per quart, 30c. Carrots—Per lb., 2c. Turnips—Per bunch, 5c. Beets—Per lb., 2c. Asparagus—1 1/2 lbs for 25c. Rhubarb—3 lbs for 25c.

Fresh Meats. Sirloin steak—Per lb., 12 1/2 to 15c. Boiling—Per lb., 5c to 8c. Veal—Stew, per lb., 8c; cutlets, 10c to 12 1/2 c. Porterhouse steak—Per lb., 12 1/2 c to 15c. Round steak—Per lb., 10c. Chuck steak—Per lb., 10c. Prime rib roast—Per lb., 12 1/2 c to 15c; chops, 12 1/2 c to 15c; stew, 10c. Pork—Per pound, 12 1/2 to 15c. Lamb—5-lbs., 75c; 10 lbs., \$1.50. Pickled pig's feet—Per lb., 10c. Bacon—Per lb., 16 to 25c. Hamburger steak—Per lb., 10c. Sausage—Per lb., 10c.

MINISTERS MEET. Rev. A. J. Lacy of North Bend Reads a Paper. The members of the Ministerial Association of Coos Bay held a meeting yesterday at the Methodist church in Marshfield. Rev. A. J. Lacy of the North Bend Methodist church read a paper on "The Evolution of Christianity. The next meeting will be held in two weeks, and Rev. D. W. Thurston will read a paper.

LOCAL WHOLESALE MARKET.

Following is a list of wholesale prices as seen on the local market: Oat and wheat hay, \$20 to \$30. Chickens, spring, 12 1/2 c. Ducks, 16-oz. pkg., 15c. Currants—Clean, per 12-oz. pkg., 18 1/2; 16-oz. pkg., 15c. Citron—Per lb., 35c. Orange peel—per lb., 25c. Lemon peel—Per lb., 25c.

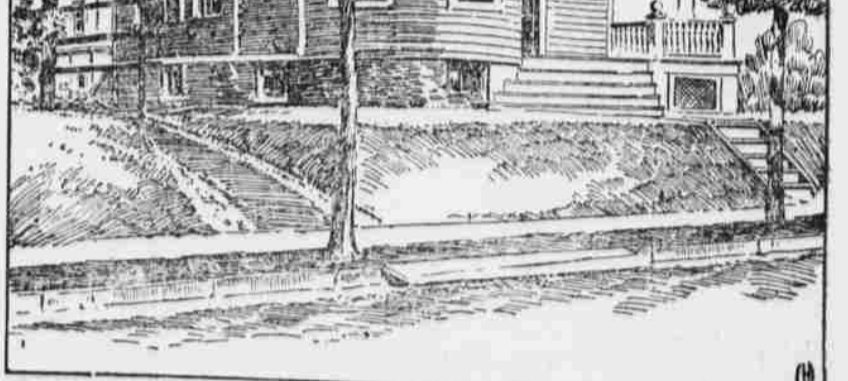
OUTSIDE MARKETS.

Liverpool, April 29.—May wheat, 6s 6 1/2 d. New York, April 29.—Lead, \$6 @ \$6.10; copper, \$24.25 @ \$25.25; silver, 66 1/2 c. Chicago, April 29.—May wheat opened 79 1/2 @ 79 3/4 c, closed 79 1/2 c; barley, 69 @ 73c; flax, \$1.16; Northwestern, \$1.23. San Francisco, April 29.—Wheat, \$1.30 @ \$1.35. Portland, April 29.—Wheat—Club, 75 @ 76c; blue stem, 77 @ 78c; red, 74 @ 75c; valley, 72 @ 73c.

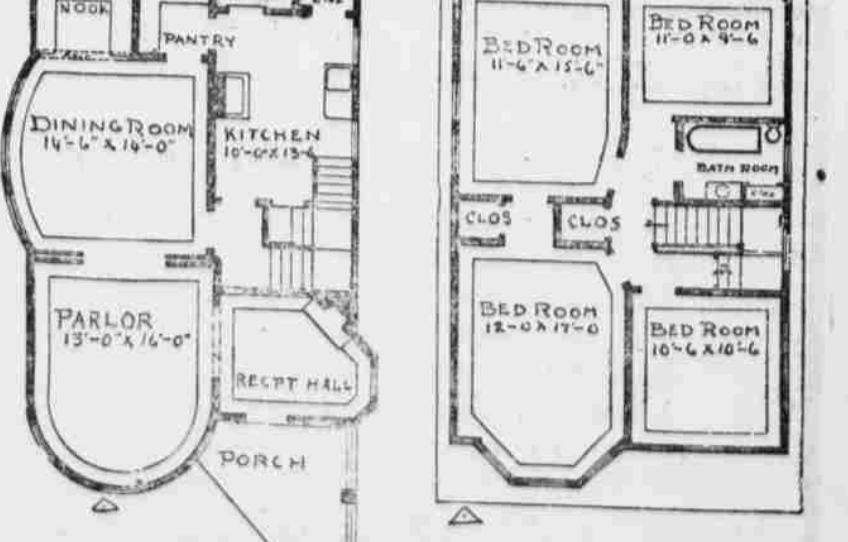
Eight Room House.

Especially Adapted to a City Lot, but Good Anywhere—Cost \$3,500.

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PERSPECTIVE VIEW.



FIRST FLOOR PLAN. SECOND FLOOR PLAN. The frame house here illustrated was designed for a city lot, but its availability is not confined to urban use. Finished in hard wood on the first story and soft wood on the second, this house should cost about \$3,500.

P. T. MAC LAGAN.