

DRY FARMING MOST IMPORTANT ISSUE

Conservation of Moisture More Than Irrigation, Says Professor Shaw.

SPLENDID CROPS POSSIBLE

Rotation, Fallowing and Scientific Cultivation Productive of Results—Beginner Should Have One Year's Resources.

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"In comparison with dry farming the mining industry, important as it is, dwindles into insignificance," the lecturer said. "The problem of irrigation is great, yet when irrigation has done the best it can do, not more than 2 per cent of the arid lands west of the mountains, excluding forest areas, must be made to produce crops with dry farming methods."

Bench Lands Best.

Professor Shaw said that his experience had shown that good crops of all kinds of grains and vegetables can be obtained on Summer fallowed land, properly prepared, in seasons of unusual drought and that very large yields may be grown on the bench lands...

"It is hazardous," he continued, "in pointing out the methods of dry farming that will not succeed. To grow a crop of grain in these bench lands, when they have been plowed in the Spring and the crop sown the same season, if the season should prove moist a good crop may be raised, but if it should prove dry it will assuredly fail and the failure may be complete."

"Next year," he said, "this method will be tested on more than 30 of the Great Northern demonstration farms. These small stations are scattered so widely that they will furnish an excellent demonstration of what may be done in this line."

"The attempts to grow fodder corn on these same farms the past season were not a complete success. In the first place the month of May, the usual time for planting corn in Montana, was unusually cold. Frosts in June and August did some damage, but in spite of these handicaps good crops of fodder were grown. On some of the land they had only one inch of rainfall following the Spring plowing."

"The crops that may be grown on dry farming lands may be divided into three classes—cereals, cultivated crops and alfalfa. Among the cereals winter wheat is beyond all comparison the most important, for the reason that it is the surest crop that may be grown and that it is of the highest money value because of the large yields obtained. Some areas have grown 40 bushels to the acre. Durum wheat is not less than 25 bushels. Durum wheat is next to winter wheat, the best money crop that can be grown. It will not be so high as the winter wheat, but it will more than offset the lack in this respect by the increased yield."

Flax Next in Value.

"The third crop in money value is flax. This is better adapted to Spring plowing than any other crop. Speltz, barley and oats have also been successful as Spring crops. Both speltz and white flint speltz mature early, and this means that they are less liable to be injured than some other crops by the dry weather that usually accompanies the maturing of grain. The oat crop calls for more moisture than any of these."

"The cultivated crops that may be grown are corn, potatoes, beans and field roots. Of these, corn for fodder is by far the most valuable and important. This will be the great cultivated crop of the dry country up to an elevation of 4000 feet. Beyond that elevation the growing of corn is hazardous, even for fodder, because of the low temperature. Next to corn, potatoes will be the most valuable cultivated crop. They can be grown with a smaller amount of moisture than corn, but on account of the limited local markets the area devoted to potatoes must be restricted."

mangel, carrots, turnips and rutabagas will also be grown eventually. "The great reliance for forage will be alfalfa. The farmer in the dry country must depend more upon alfalfa for hay than any other crop. It can be grown on nearly all the better land country susceptible of cultivation. From one to one and a half tons an acre may be grown each year and in moist seasons even large crops will be obtained."

Fallow Part of Rotation.

Professor Shaw has made a study of the rotation of crops as a means of obtaining the best results and has reached the conclusion that a part of every dry farm should be fallowed each year, that a part be devoted to cultivated crops and the remainder to alfalfa and pasture. The most profitable rotation, he says, will grow winter wheat on Summer fallowed land and Spring crops on the alfalfa and pasture. Winter wheat will be grown after Winter wheat, the ground being plowed in the Fall. Summer fallow will follow the Spring cereals. By this system two crops can be grown in three years wherever it is possible to grow cultivated crops with reasonable success. The alfalfa will enrich the land, but every few years should be grown on a different portion of the farm, but a change should not be made until a stand has been secured on other land, he contends. "The farmer who takes up dry area," concludes Professor Shaw, "should be prepared to undergo one season of failure. If he has not sufficient means to tide him over the first year, his only appointment he may find himself in a sorry plight. But two seasons of failure in succession are very rare and with a preparation to withstand one or two seasons the average man is sure of success."

GARBAGE RIGHTS HIT

CIVIC AND CITY COUNCILS TO HEAR STRONG PROTESTS.

Granting of 45-Year Franchise to Unknowns Alleged to Be Detrimental to City's Welfare.

Strong protest will be made at the meeting of the Civic Council tonight in the Commercial Club rooms, and to the City Council at the same time, against the granting of an exclusive 45-year franchise to collect and dispose of Portland garbage. A special committee of the Civic Council and the Improvement Association will file the complaint.

The franchise question came up incidentally Friday night before the meeting of the association, where only Councilman Menefee and one or two others knew that such a franchise was pending. T. E. McDermott, president of this special committee, secured a copy of the franchise and Saturday evening went over its provisions with other members of the committee and it was decided to make protest. The Civic Council will be asked to co-operate in the protest. Mr. McDermott said yesterday.

"Passage of this garbage franchise in its present form would be an outrage on the people of this city, who are in ignorance of its existence. We have come to the franchise and find that it is not what the owners of the franchise shall pay the city or what the residents shall be charged. The franchise is not a thing in itself, it is a contract who are back of it. The city ought not to be passed, and every citizen ought to protest to members of the City Council against its passage. The city should be made aware of the franchise. It has just built a new \$100,000 garbage plant, which, of course, would be wasted if this franchise should be granted. By systematic method of collecting garbage by the city a considerable portion could be disposed of, so that the tax would be small compared with the burden that this franchise might impose."

"Families who burn their garbage, as many do, would save the same as if they had garbage for hauling. Even at a lower rate the income would be very large. And the income would increase as the number of houses increase. "The owners of the franchise are granted the privilege of erecting houses in the residence districts for the collection of garbage. The ordinance is a long one and mainly sets forth what the company's rights are under it. There is not a thing in it to indicate who are back of it. The city ought not to be passed, and every citizen ought to protest to members of the City Council against its passage. The city should be made aware of the franchise. It has just built a new \$100,000 garbage plant, which, of course, would be wasted if this franchise should be granted. By systematic method of collecting garbage by the city a considerable portion could be disposed of, so that the tax would be small compared with the burden that this franchise might impose."

\$6666 RAISED BY CHURCH

Rose City Park to Entertain Presbyterians at Meeting Today.

By a whirlwind canvass \$6666.00 was subscribed last week for the Rose City Park Presbyterian Church. This church was organized less than two years ago, the building was dedicated a few months ago.

MAN THOUGHT DROWNED

Riderless Horse Found on Banks of Lewis River—Owner Missing.

RIDGEFIELD, Wash., Oct. 9.—(Special.)—Mylo Anderson is believed to have been drowned in the Lewis river, although no trace of his body has been found by searching parties, who have been out all week. Anderson was a hired hand on the Heitman place, seven miles east of here. He went to Portland for a few days and rode to Ridgefield. Last Monday he returned and started back to the Heitman farm, despite the warning that recent rains had raised the water in the Lewis river about three feet and the Heitman farm would be dangerous.

Hunter Dies of Heart Failure. EUGENE, Or., Oct. 9.—(Special.)—James Hartley, of this city, died suddenly at Florence on Saturday. Heart failure is given as the cause of death. About a week ago Mr. Hartley and Charles Hadley started to the coast on a hunting and fishing trip.

Enjoy a Delightful Lunch in Our Tea Room, 4th Floor—Model Grocery Dept. 4th Floor

Standard and O. W. K. Sewing Machines on Easy-Payment Club Plan—Libby Cut Glass

Today-- Greater Olds, Wortman & King Store

Occupying the Entire Block Bounded by Morrison, Alder, Tenth and W. Park Sts.

Today's Shopping Bulletin

In Condensed Form -- For Full Descriptions See the Sunday Papers

Free Cooking School Today

At 3 P. M. in the Auditorium Lecture Miss Suzanne Tracy

Our Regular \$4.95 Kayser Silk Vests during this sale at only \$2.71

Our regular \$3.75 Kayser Silk Vests during this sale at only \$1.98

Women's \$7.50 Handbags have been placed on sale at only, ea. \$4.98

Regular \$28.50 Tailored Suits at the exceptional low price \$17.15

Regular \$15.00 Scotch Art Rugs, great values at this figure \$12.25

The Regular \$22.00 Scotch Art Rugs have been marked at \$17.50

\$30.00 Scotch Art Rugs bargained during this sale at only \$23.50

A great line of regular \$1.00 Jewelry Novelties now on sale at 59¢

A vast collection of regular 75c Fancy Neakwear on sale at only 47¢

\$75.00 New Dress Hats at the phenomenally low price, each \$56.25

Regular \$125.00 Imported Hats at the exceptional low price \$93.75

Regular \$2.50 Hair Puffs, sale price, \$1.79

\$5.75 Hair Switches at bargain price \$3.19

\$30.00 Hair Switches, fine quality \$22.50

Our regular \$7.00 Puff Sets on sale at \$5.19

Regular 65c Ribbon during sale, the yard 29¢

\$8.40 Dinner Sets at the bargain price \$6.69

\$11.20 Dinner Sets during sale at, set \$8.85

Reg. \$17.40 Dinner Sets, great values \$13.89

Regular 45c Cotton Hose at only, the pair 25¢

75c Black Silk Hose at the very low price 43¢

Women's \$2.00 Underwear marked at 63¢

Regular \$1.25 Gape Gloves, good values, 87¢

Childs' 20c Hosiery now selling at, the pr. 9¢

Regular 25c Dearies, specially marked at 5¢

20c to 40c Note Paper at the low price of 10¢

Women's \$100.00 Gowns are now marked at this low price \$75.00
Women's regularly \$350.00 Gowns bargained for this sale \$262.50
Regular \$150.00 Gowns \$112.50—Reg. \$195.00 Gowns at \$146.25
Regular \$250.00 Gowns \$187.50—Reg. \$275.00 Gowns at \$206.25
\$150.00 Fine Picture Hats \$112.00—\$50.00 Dress Hats at, ea. \$37.45
Regular \$60.00 Fine Pattern Hats now on sale at this figure \$44.95
\$100.00 Imported Hats marked for this sale at this low price \$75.00
Women's regular \$6.50 Waists during this sale for only, each \$2.95
UPHOLSTERING DONE FREE—GIVE THIS DEPT. A TRIAL

Style Lecture Tomorrow at 3

By Linda Ross Wade
Tomorrow's lecture by Mrs. Wade will be for women only. The subject will be highly instructive. Don't miss it. The admission is free. Auditorium, fourth floor. All women are cordially invited.

Regular \$10.00 Howd Corsets—every lady knows their value \$5.98
Regular \$3.00 Marquise Corsets are marked for this sale at \$1.98
\$2.00 Imported Suitings—take advantage of this offer—yard \$1.69
\$1.25 Pointella Silk, a wonderful value at this very low price 98¢
New \$1.50 Suitings have been bargained for this sale at, yd. \$1.29
Regular \$2.50 Wool Robe Blankets during this sale at only \$1.85
Regular \$1.25 Gray Fleece Blankets during this sale at this price 95¢
Regular \$2.25 Pillows, feather filled, at the low price of, each \$1.65
Regular \$1.75 Bed Comfortables now on sale at this low figure \$1.39
Girls' regular \$7.50 Dresses, great values at this selling price \$4.98
Girls' \$2.75 Sweaters—and at this season of the year—at only \$1.98

Regular \$20.00 Dinner Sets now only \$15.95
\$11.20 Dinner Sets during this sale at \$8.95
Regular \$14.40 Dinner Sets, sale price \$11.49
\$22.40 Dinner Sets now selling at, set \$17.85
Regular \$5.68 Dinner Sets on sale at \$4.49
\$7.20 Dinner Sets bargained at only \$5.75
Regular \$11.20 Dinner Sets on sale at \$8.89
\$12.65 Dinner Sets priced for this sale \$9.98
Regular \$1.25 Thread Lisle Hose, the pr. 95¢
Regular 50c Silk Lisle Hose, the pair 35¢

Specials Today--Basement "Underprice Store"

Girls' \$8.00 Coats priced for this sale at \$3.98
Girls' \$5.00 Dresses during this sale at \$2.95
Regular 35c Pictures at the very low price 5¢
15c, 20c and 25c Envelopes selling at only 5¢
Regular 25c Post Card Albums for only 12¢

Regular 85c Fancy Silks selling at, yard 48¢
\$1.00 Dress Poplins marked for this sale 67¢
Regular 7c Handkerchiefs during this sale 3¢
5c Shelf Paper at the exceptional price of 3¢
Postal Cards, large assortment, the dozen 5¢

IRISH TO WELCOME

T. P. O'Connor to Be Royally Entertained in Portland.

ARRIVAL IS OCTOBER 23

Reception Committee and Press Club Complete Arrangements—Emerald Isle Leader Has Love of His Countrymen.

Portland's welcome to T. P. O'Connor, the distinguished Irish statesman, publicist, editor and orator, on Sunday, October 23, will probably surpass that which he will receive in the other cities on his itinerary.

At a meeting of the T. P. O'Connor reception committee yesterday afternoon final arrangements for the reception on the part of the Irish citizens of Oregon were completed. Mr. O'Connor will deliver an address in Masonic Hall, West Park and Yamhill streets, at 11:15 P. M. on the day of his visit. A fine musical program will be given in connection. The Portland Press Club will have Mr. O'Connor as its guest of honor at an Irish breakfast at the Portland Hotel between the hours of 11 and 1 P. M. on the same date. The newspaper men promise to turn their guest over to the committee in time for him to begin his speech on the scheduled hour.

"We are going to give Mr. O'Connor a rousing welcome," said E. H. Deery, general chairman of the committee on arrangements, yesterday. "His appearance in this country marks the beginning of a new epoch in the history of the Irish people. Irish animosities have disappeared, coercive government in Ireland has been overcome by the effective methods of parliamentary agitation. Ireland is now a free nation, and the conditions have improved within the last two decades by organized effort in every direction. Irish literature is advancing to its own and the general welfare is hopeful and promising. The recent land act is one of the greatest measures of modern times. You may ask what else is demanded, and the answer is the old answer, that the national soul of Ireland will never be satisfied without self-government, the government under which it prospered under Grattan's parliament, and which every Englishman living knows in his heart of hearts. The substitute of a government by the Imperial Parliament has been a rank and dismal failure. In her demands for control of her domestic affairs in things concerning Ireland exclusively, O'Connor and his colleagues of the Nationalist party

GUN DRILL FEATURE

Light Batteries to Give Exhibitions at Horse Show.

FAST WORK IS PROMISED

Army Officers Enter Teams in Push Ball and Hurdle Races and Steeplechase Will Add to Interest in Big Event.

STEVENSON LAD IS KILLED

Ralph Ginder, Son of Editor, Meets Accidental Death in Hunt.

STEVENS, Wash., Oct. 9.—(Special.)—Ralph Ginder, the 20-year-old son of H. E. Ginder, editor of the paper here, was accidentally killed in a gun accident. Though it is unknown yet how the accident happened, it is believed that while crawling through a fence the gun was discharged. The explosion blowing off the head of the young man's head. Word has been sent to the lad's mother, who is visiting in Portland at the home of Samuel H. Albert, on the East Side, but no word has been heard from her.

As the Portland directory does not give the name of Samuel Henry Albert, residing on the East Side, The Oregonian was unable to locate Mrs. Ginder last night.

Rev. D. H. Trimble Begins Duties.

"I came here to work—to put in 16 hours a day, or more, the same as I did on the farm," said Rev. Delmer H. Trimble, D. D., yesterday morning at his opening services at the Centenary Methodist Church, where he was assigned by the Oregon conference. These words were in response to a question which extended Rev. Trimble by J. D. Lee, of the official board, from the open platform. Dr. Trimble came from Eugene, where he closed a successful pastorate. On Tuesday evening a reception will be held in the church parlors for Dr. and Mrs. Trimble.

Tent Saloonman Serves Out Fine. PENDELTON, Or., Oct. 9.—(Special.)—Because he sold liquor in violation of the local option law, George McDonald, one of the proprietors of a tent saloon near Coe station, was Friday sentenced to pay a fine of \$100. He is serving out his fine. McDonald was first entered a plea of not guilty, but when the case was called for trial, he changed his mind and pleaded guilty. Dave Myers, who confessed to having purchased a vacuum carpet cleaner belonging to his brother-in-law, Louis Carrell, also drew a sentence. Friday he will spend one year in the penitentiary at Salem.

ADVERTISER GOES EAST

Klamath County Spends \$500 Show-Ing Its Products.

UMATILLA SOCIALISTS NOMINATED.

MARSHFIELD TO BEAUTIFY

Plan to Model Bennett Avenue After San Francisco's Market Street.

MARSHFIELD, Or., Oct. 9.—(Special.)—Some of the business men here have started a plan for a business boulevard in this city. The plan is to make of Bennett avenue a thoroughfare 100 feet wide to extend from Broadway to the city limits. The street is now only 60 feet wide, and the property-owners along the street will be asked to give the additional ground necessary to widen the street.

The idea is to model after Market street in San Francisco and make one main thoroughfare, which will lead to the main residence district of the city. The plan is to beautify the street and pave it with asphalt and make it one of the finest business streets in this city.

MOTHER'S FRIEND

For the mother in the home to be strong and well, able to devote her time and strength to the rearing of children, is one of life's greatest blessings. Often the bearing of children destroys the mother's health, if she has not prepared her system in advance for the important event. Women who use Mother's Friend are saved much of the discomfort and suffering so common with expectant mothers. It is a penetrating oil that thoroughly lubricates every muscle, nerve and tendon involved at such times, and thus promotes physical comfort. It aids nature by expanding the skin and tissues, and prepares the system for the coming of baby. Mother's Friend assures a quick and natural recovery for every woman who uses it. It is for sale at drug stores. Write for free book for expectant mothers. THE BRADFIELD CO., Atlanta, Ga.