

PROGRESS AT BURNS EXPERIMENT FARM

(Continued From First Page) even with as much moisture as we have had while the thinner sowing has a vigorous growth and bids fair to make a good crop. The end rows, where an ally way of some three or more feet is left between each variety, show much better as these rows have an opportunity to draw moisture from this source, thus an advantage is gained. The same is demonstrated on the other crops, such as field peas, alfalfa, potatoes and other vegetables.

Supt. Brethaupt has started the lawn around the dwellings and has a variety of garden vegetables started near the house which he is giving care. The vegetables are given a similar test to the field crops and are varied as to kind and methods of planting and cultivation. It is very interesting to go over the work with Mr. Brethaupt and get first hand experience. He will prove even this year that certain varieties are better adapted to conditions here and how and when they should be planted. This is valuable information to the farmers of the county and will prove of great advantage this year. It will not be long until the demonstration farm will be the center of attraction in this country and our farmers realize what a great thing it will do toward the development of this territory.

IN THE GARDEN No. of varieties: Turnips 4, Salsify 2, Radishes 5, Parsnips 4, Onions 6, Lettuce, 3, Kohi Rabi 2, Kale 2, Carrots 5, Cabbage 3, Sugar Beets 2, Mangels 3, Red Beets 3, Sweet Corn 1, Field Corn 2, Potatoes 6, Artichokes 1, Rutabagas 3, Field Peas 4, Grain 16, Flax 1, Garden Peas 5. Oats - Shadalen Challenge, Shadalen Climax, Sixty Day, Swedish Select, Burt. Barley - Odebrucker, Wisconsin 9, Hanchen, G. I. 195. Emmer - Emmer, (Sometimes called Speltz.) Wheat - Kubana, (A good spring wheat,) B. P. I. 2508-1, B. P. I. 2501-1, Yellow Garnovka, Little Club, Golgalos. Field Peas - St. Louis Valley, Early Britian, (Badly damaged by rabbits,) Prussian Blue, (An excellent crop for the country,) Yellow Canada.

Alfalfa - Martins Acclimatized, Baltic, Dakota Diamond, Grimm, Turkestan No. 1, Turkestan, No. 2. Potatoes - Geer's Favorite (A dry land variety by Mr. Geer,) Rural New Yorker, White Ohio, Gold Coin, Early Dakota, Early Ohio. (All the early potatoes were frozen down once but coming good, except the Early Ohio.) Artichokes, Manchu Brown Kowliang, Flax, Broom Corn Millet (Red and White) Proso, (Black and White) Kurst, Sorgo, (White) Durra, (White.) Corn - Minnesota 23, Minnesota 13, and five other varieties. Notes by Supt. Brethaupt on general conditions and future developments are given as follows: The precipitation was sufficient to wet the soil down to a depth of about two feet where the summer fallow methods were used. The land under summer fallow is generally wet to a depth of two feet - in some places it is even wet all the way on account of the capillary rise of moisture from below - under which is a layer of dry soil varying in thickness from a few inches to several feet, and under this layer of dry soil, wet soil is to be again found.

There is a good chance that, where the summer fallow is kept well mulched, by next spring, there will be no underlying layer of dry soil. The moisture that will come this next winter, added to that being held in the soil by the summer fallow, will probably be sufficient to drive the top moisture down to the lower moisture. Where the summer fallow is not being kept well mulched with the harrow there is, already a distinct difference in the amount of moisture in the soil. There are some experiments being carried on to illustrate this.

THE FOURTH OF JULY AT CROW CAMP (Continued from page 1.) pluck of the new comer, who can't be bluffed by an old timer he asked for the book and read it unusually well. Then came the girls with cherries for all and after that we spread a dinner in the grove under which the tables fairly groaned. The cream was served with the cake and then candy. Some lamented that they couldn't eat more, but more regretted having eaten so much. Twenty gallons of lemonade was

DEVELOPMENT TALKS IN BURNS

(Continued from page 1.) for highways for the Club road-book. The Club also has under consideration making the trip in August the official summer tour of the club. The automobile men also have in mind the Central Oregon roads as the best highway to California, thinking that possibly the route to be followed may offer advantages over the Western Oregon route for the large number of machines that annually traverse this state and from California cities. The Portland party left by train for The Dalles and the machines started from that point South. Dates of arrival at the various Central Oregon points are necessarily uncertain. Those who compose the path-finding party are: C. C. Chapman; Mrs. C. C. Chapman; G. F. Beck, manager Portland Automobile Club tour-book; E. Frank, road Engineer and map maker; Phillip S. Bates; publisher Pacific Northwest; C. L. Smith and D. E. Clarke, of the O-W. R. & N. Co.; I. T. Hardy; E. M. Ash, U. S. Steel Products Co., all of Portland. H. H. Skewes, secretary of Central Oregon & Eastern Railroad; T. M. Baldwin, cashier First National Bank, and W. F. King, merchant, all of Prineville, Dr. U. C. Coe, of Bend Commercial Club, and H. L. Driver, president of the Wamic Commercial Club; J. E. Sawhill, secretary of the Central Oregon Development League.

We do job printing - right kind During the summer months mothers of young children should watch for any unnatural looseness of the bowels. When given prompt attention at this time serious trouble may be avoided. Chamberlain's Colic, Cholera and Diarrhoea Remedy can always be depended upon. For sale by all dealers.

Vulcanizing at Gemberling's. Corn - Minnesota 23, Minnesota 13, and five other varieties. Notes by Supt. Brethaupt on general conditions and future developments are given as follows: The precipitation was sufficient to wet the soil down to a depth of about two feet where the summer fallow methods were used. The land under summer fallow is generally wet to a depth of two feet - in some places it is even wet all the way on account of the capillary rise of moisture from below - under which is a layer of dry soil varying in thickness from a few inches to several feet, and under this layer of dry soil, wet soil is to be again found.

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OREGON HAS CHANCE TO CAPTURE BIG WHEAT PRIZE

Oregon should capture the prize for the best five bushels of wheat grown in the American Northwest this year, but to do so will require careful selection and indeed it may be necessary to hand pick the wheat. It will pay to do it for a prize of \$5,000 is offered by the Northwest department League for the best five bushels exhibited at the Minneapolis Land Show in November. With the splendid grain crop assured for Oregon, this state should have any quantity of first class wheat to enter at this show.

Commercial bodies of the state are showing an interest in the collection of Oregon exhibits to be shown this winter at the land shows of the Middle West. In response to a call sent out by Manager Chapman of the Oregon Development League, many outside societies have been heard from, each promising to collect samples of the best products grown there this season and it seems a good collection is assured. No locality should allow itself to be unrepresented.

Portland is ablaze with lights and streaming banners of purple and white this week in honor of the grand reunion of the Elks. Thousands of visitors from all parts of the country are here, and to many of the delegates, this is their first introduction to the Pacific Coast. Oregon lodges are co-operating heartily to welcome their visiting brothers from the Eastern states.

Moored in Portland harbor is the famous old fighting machine, the battleship Oregon. For the first time in its long and eventful history, it is visiting its own state. Its arrival aroused great interest and large crowds have been visiting this sturdy old fighter.

Sherman County farmers have come to appreciate their experiment farm, located at Moro. Many at first doubted its utility but much valuable help has been given in conducting inquiries into better methods of agriculture that they are now thoroughly interested. A recent farmer's day brought hundreds of visitors to the station.

NOTICE TO CREDITORS. In the matter of the Estate of Samuel P. Hutton, deceased. Notice is hereby given to the creditors of and all persons having claims against the estate of the deceased to present such claims with the proper vouchers, duly verified, within six months after the first publication of this notice to Thomas Hutton, Esq., Oregon, one of the executors of the said estate or A. W. Gowan, the attorney for the executors, at his office, Burns, Oregon.

NOTICE FOR PUBLICATION. UNITED STATES LAND OFFICE, Burns, Oregon, June 28, 1912. Notice is hereby given that Elmer H. Taylor, of Harney County, Oregon, May 11, 1912, made additional Homestead Entry No. 2120, serial No. 1027, for E. 1/2 section 20, Township 19 S., Range 20 E., Willamette Meridian, has filed notice of intention to make Final Five-Year Proof, to establish claim to the land above described, before E. L. Hinkle, U. S. Commissioner, at his office at Burns, Oregon, on the 5th day of July, 1912.

NOTICE FOR PUBLICATION. UNITED STATES LAND OFFICE, Burns, Oregon, June 27, 1912. Notice is hereby given that Harry Hill, of Harney County, Oregon, who on June 2, 1906, made Homestead Entry No. 2428, serial No. 1027, for E. 1/2 section 20, Township 19 S., Range 20 E., Willamette Meridian, has filed notice of intention to make Final Five-Year Proof, to establish claim to the land above described, before E. L. Hinkle, U. S. Commissioner, at his office at Burns, Oregon, on the 15th day of July, 1912.

NOTICE TO CREDITORS. In the matter of the estate of David S. Graves, deceased. Notice is hereby given that the undersigned has been appointed administrator of the above entitled estate, and all persons having claims against said estate are notified to present same duly verified as by law required, within six months from this date, to the undersigned at her residence near Lawen, Oregon, or to J. W. Biggs, attorney for said estate at his office in Burns, Oregon. Dated at Burns, Oregon, this 25th day of June, 1912.

Marlin .25-20 Repeating Rifle. This rifle is built for settled districts, where good range and killing power are desired, with safety to the neighborhood. The Marlin 25-20 is a light, quick-handling, finely-balanced repeater, with the solid top, closed-in breech and side ejection features which make it a game safe and agreeable to use and certain in action.

INCREASE FARM PRODUCTS \$10,000,000

That the annual agricultural production of this state could be increased \$10,000,000 in five years with adding one square rod to the farm acreage, was the contention of Dr. James Withycombe, director of experiment stations at the Oregon Agricultural College, in a recent address on the value of demonstration farms. He advocated that establishment of a demonstration farm in each county under competent supervisions, the superintendent to act as advisor to the farmers of his district, and to assist in the formation of rural organization for the improvement of educational, social and financial conditions.

"In many foreign countries the value of demonstration farms and special agricultural educational work is strongly in evidence," said Dr. Withycombe. "The little country of Denmark has made phenomenal agricultural progress under the system of demonstration instruction. With an area equal to but one-sixth of Oregon Denmark supports 2,690,000 people and exports annually over \$100,000,000 worth of butter, eggs and bacon. This is accomplished under adverse agricultural conditions, much of the country being so bleak that it is necessary to blanket the cows in pasture to keep them comfortable in summer.

"If such results can be secured under such unfavorable conditions, what results might we not justly expect from a similar system here in Oregon where conditions for dairying and general farming are so favorable? Dysentery is always serious and often a dangerous disease, but it can be cured. Chamberlain's Colic, Cholera and Diarrhoea Remedy has cured it even when malignant and epidemic. For sale by all dealers.

Three room cottage and barn for rent. Inquire at this office.

SUMMONS. In the Circuit Court of the State of Oregon for Harney County. N. Brown, Ben Brown and Leon M. Brown, Plaintiffs, vs. W. S. B. Wilson also all other persons or parties unknown, claiming any right, title, estate, lien or interest in the real estate described in the complaint herein, Defendants.

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SOCIETIES

HARNEY LODGE, No. 77, I. O. O. F. Meets every Sunday in Odd Fellow Hall at 12:30 p. m. Dr. J. W. Gray, W. G. Sprague, Secretary. First Saturday Installation; second Saturday, First Degree; third Saturday, Second Degree; fourth Saturday, Third Degree.

MODERN WOODMEN OF AMERICA Meets every second and fourth Friday evening at 10:00 p. m. Hall: all neighbors invited. New applicants will receive. Home, street men. T. Lester, Clerk. M. A. Biggs, W. C.

SYLVIA BERRICK DROKE No. 48. Meets every 1st and 3rd Wednesday. Midge Leonard, Sec. Secy.

OFFICIAL DIRECTORY STATE - OREGON: U. S. Senators: Jonathan Bourne Jr., Geo. E. Chamberlain, W. R. Ellis, J. C. Huntley, Congressmen: A. M. Crawford, Attorney General: Oswald West, Treasurer: W. W. Thomas, State Printer: W. S. Burdick, Supreme Judge: Bobt Kakin, U. S. District Judge: Geo. H. Harbo, District Attorney: W. M. Leonard, Circuit Court meets the 1st Monday in April and 1st Monday in October.

SUMPTER VALLEY RAILWAY CO. TIME TABLE NO. 6 IN EFFECT JUNE 14, 1908. West Bound. No. 1 Pass - a. m. No. 2 Pass p. m. 9:30 Lv Baker City Ar 5:0 9:15 " South Baker Lv 5:25 9:08 " "Salisbury" " 5:00 10:04 " "Lockhart" " 4:55 10:07 " "Thompson" " 4:52 10:17 " "Stoddard Junction" " 4:45 10:22 " "Water Tank" " 4:40 10:2 " "Dean's Spur" " 4:2 10:9 " "McEwen" " 4:25 10:55 " JUNCTION " 4:10 11:10 " Sumpter " 4:05 11:15 " JUNCTION " 4:0 11:40 " Summit " 3:0 NOON " O L Camp " 2:05 P. M. 12:05 " Whitney " 2:00 12:40 " Tipton " 2:40 1:10 Ar Astoria " 2:10 Stop on signals only. No agent.

\$1500 Reward! The Oregon, Cal, Florida and Nevada Live Stock Protection Association of which the undersigned is a member, will give \$1,500 reward for conviction of any party or parties stealing live horses, cattle or mules belonging to any of the members. In addition to the above, the undersigned offers the same condition \$500.00 for all horses branded horse-shod her on both or either jaw. Brand needed in eight counties. Harney, Harney, Lake and Crook counties. Horses wanted when sold. None but good horses sold and only in large bunches. W. W. BROWN, Fla. Oregon.

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Star Hotel S. J. MIDWINTER, Prop. NARROWS, - OREGON This will be found a desirable and hospitable stopping place where comfort and courteous treatment are considered first. Feed Barn Worked in connection with this hotel.

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NORTH BEACH VIA The Delightful Columbia River Route on the Steamers T. J. POTTER HASSALO And HARVEST QUEEN FROM ASH STREET DOCK Steamer "T. J. POTTER" leaves Portland at 10:30 p. m. (daily except Sunday and Monday) arriving at Astoria 6:00 a. m. and Megler at 7:30 a. m. Returning leaves Astoria daily except Sunday, Monday and Tuesday at 7:00 a. m. Megler at 9:30 a. m. arriving at Portland 4:30. On Sunday leaves Astoria 7:30 a. m., Megler 9:00 a. m., arriving Portland at 5:30 a. m. Monday. Steamer "Hassalo" leaves Portland daily (except Saturday and Sunday) at 8 a. m., Saturday at 1 p. m. arriving Astoria 1:30 p. m., Megler 2:15 p. m. On Saturday arriving Megler 6:00 p. m. Returning leaves Megler daily except Saturday and Sunday at 2:45 p. m. arriving Portland 10:00 p. m. Sunday leaves Megler 9:00 p. m., arriving Portland 5:30 a. m. Steamer "Harvest Queen" leaves Portland daily (except Saturday and Sunday) at 8:00 p. m., Saturday at 10 p. m., for Astoria and way landings. Returning leaves Astoria daily except Sunday at 7:00 a. m., arriving Portland 5:00 p. m. EXCELLENT RESTAURANT SERVICE (Meals a la Carte) Trains meet all boats at Megler for North Beach Points Astoria Saturday to Monday tickets \$3.50 North Beach Season Tickets 3.00 Five Rice Round Trip Tickets 15.00 One-Day River Trip, Portland to Megler and return 2.00 For Further Information Address Gen. Pass. Agt., Portland, Ore.

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W. C. BROWN, DENTIST. BURNS, OREGON. Office rooms 8 and 9 Masonic Building

G. A. REMBOLD Attorney-at-Law, Burns, Oregon.

Wm. MILLER, ATTORNEY AT LAW. Burns, Oregon. Rooms 6 and 7 Masonic Building

CHARLES W. ELLIS LAWYER Burns, Oregon. Practices in the State Courts and before the U. S. Land Office.

Chas. H. Leonard, ATTORNEY-AT-LAW. Careful attention given to Collections and Real Estate matters. Fire Insurance. Notary Public. BURNS, OREGON.

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