

OVER THE VALLEY

Phone: Mornings, Main 600

Mabel E. Norton, Valley News Editor

617 A

Allied Aid— Announcement is made by the president, Mrs. Florence Jasper, that the Allied Ladies Aid society will have an all-day meeting next Thursday at the hall in Alice to do relief sewing. A potluck dinner will be served at noon and it is hoped that the attendance may be very large.

Home For Visit— Miss Beulah Smith, English instructor at the Enterprise High school, took advantage of the Armistice day vacation and came to her home near Island City for a few days' visit.

To Portland— Ernest DeLong, of the Grange Hall neighborhood went to Portland yesterday to attend a meeting of creamery heads which is to be held there tomorrow. Mr. DeLong is president of the Grande Ronde Co-operative creamery here. He will also visit briefly with his mother, Mrs. J. P. De Long, who is quite ill at the home of a daughter there.

New Roads— The forest service has built a road from the highway at Ezra Meeker springs to forest ranger summit and to the toll gate to connect with Walla Walla. The distance from Ezra Meeker springs to Walla Walla by this route is reported to be 50 miles, while around by Pendleton is 84 miles.

Chandler Cattle Win— Herbert Chandler's herd of Hereford cattle, of Baker, won nine first prizes and the trophy for the grand champion bull at the big livestock show at Wichita, Kan., last week, according to word received at his home. This herd has been winning many prizes at shows through the middle-west and west this fall. Mr. Chandler's herd has been favorites at the Eastern Oregon Livestock show at Union, of which he is the president.

Pomona Grange— Members of the several subordinate grange organizations in this county are journeying to Rockwall grange hall north of Elgin today, where the Rockwall and Cricket Flat granges are entertaining the Union county pomona. This is the time for the election of officers as Pomona officers are chosen only every other year.

A Benefit Dinner— Members of the Island City Ladies aid and their friends are to share in a benefit dinner which Mrs. Homey T. Wilson is to give at her home in May Park next Thursday at 1 p. m. This dinner is to be Mrs. Wilson's contribution to the work of the aid for the year. The price for the plate is to be nominal. Reservations should be made as soon as possible either with Mrs. J. Orlin Anson or Mrs. Wilson.

Visits— Mrs. Dwight Flesman and her baby son, of the Grange Hall neighborhood, just a bit less than a week old, are enjoying a visit from their mother and grandmother, Mrs. Arthur W. Johnson, of Lower valley in Wallawa county. Mrs. Johnson drove to the valley Monday.

Elet Officers— Mrs. Effie Whitten, prominent granger, was elected master of the Medical Springs grange at the regular meeting of that subordinate held Wednesday evening at their hall. Frank Whitten was elected overseer. Mrs. Esther Hansen, lecturer, Miss Leona Null, secretary. The regular routine business was transacted and at the conclusion of the meeting venison sandwiches, doughnuts and coffee were served.

Have Fine Meeting— Although we have been unable to secure the detailed program, we hear that members of the Rebekah lodges of the county were splendidly entertained when they were guests of the Summerville folks Friday evening. There was a fine attendance and the program which included among other things, a style show with a happy climax, was enjoyed by a capacity audience. At the close of the evening the host organization served a fine lunch, chicken sandwiches with proper accompaniments, desserts and coffee.

Ill— Pete Evanson, of near Island City, who has been ill at his home, is reported as being some improved. His 8-year-old daughter, of near Wallawa, was here over the weekend assisting in his care.

Holding Meetings— Elder Stewart, of College Place, Wash., has been holding a series of meetings at the Odd Fellows hall in the Cove. Elder Stewart is a Seventh Day Adventist.

Wolf Creek Elects— The Wolf Creek grange met in regular session Saturday and elected as officers for the coming year the following:

Master, Mrs. Harry Nice Overseer, Jack Gorham Lecturer, Mrs. George Cusick Secretary, J. L. Hand Assistant steward, Forest Bowman Chaplain, Mrs. J. L. Hand Secretary, J. A. Nice Treasurer, A. F. Bowman Gatekeeper, Glenn Nice Lady assistant steward, Mrs. J. A. Nice Ceres, Ruth Cusick Pomona, Harriet Glenn Executive committee, Harry Nice, Jack Gorham and A. F. Bowman.

To California— Mr. and Mrs. Frank McKinnis and daughter, Miss Frances, are planning to leave soon in their car for Tracy, Cal., where they will spend the winter with a son and family, whose ranch is near Summerville. Mr. and Mrs. McKinnis have been living in Imbler while their son, John, and family have been operating the ranch. Keith McKinnis who is a prominent Imbler high student, will live with his sister, Mrs. Jerry Tancher. Mr. McKinnis has not been in good health for some time, suffering from asthma and complications.

To Eugene— Miss Lola Martin, of Cove, is making a visit at Eugene, the guest of her friends, the Misses Mae Hileman and Pat Hubbard, former Covettes.

Preparing Program— The pupils and teacher at the Iowa school are preparing a program which is to be given one evening next week at their school. Miss Ina Fleming is the teacher.

Ill in Portland— F. E. Graham, of Elgin, who went to Portland a week ago with a load of cattle became very ill while at the home of his daughter, Mrs. Hazel Bowers, there, but improved sufficiently to return to his home within the last day or two, it is reported. Ptomaine poisoning was the cause of his illness.

Has Good Spuds— Bert Briggs, who lives in the Pine Grove district above Elgin, has recently completed the harvesting of his 15-acre field of potatoes. The results are said to be very good, with a good yield of the Netted Gem, and the quality also good.

Give Dinner— The home of Mr. and Mrs. J. R. Wanker at Medical Springs, was the scene of a dinner party given for the Misses Glenda and Hazel Wanker. The tables were decorated in a pre-thanksgiving motif. Those at the party were Mrs. O. Lay and children, Mr. and Mrs. J. R. Wanker, Mr. and Mrs. Geo. Kennedy, Miss Dorothy Robinson, Misses Glenda, Ruby and Hazel Wanker, Paul and Fred Krege, and O. Woodson.

To Entertain Club— Mrs. Hugh Huron, of Brooks Lane, is to be the hostess of the Friday Bridge club next Friday at her home.

Given Surprise— A surprise party was given for William Kennedy at the home of his parents, Mr. and Mrs. David Kennedy, at Elgin, Monday evening. After games were played, refreshments of sandwiches, pickles, coconuts and cake were served.

Those present were Wagneta Payne, Mildred Phillips, Ethel Culp, Frances Cates, Emma Payne, Edith Simonson, Ruby Hollins, Edwin Phillips, Harold Culp, William Hazelwood, Louis Phillips, Aaron Payne, Charles Simonson, Milton Culp, Lenan Tucker, Charles and William Kennedy, Mrs. Willis Culp, Mrs. Cecil Cates, Mrs. Kennedy and daughters Ruth and Vera—Recorder.

Girls Entertained— The Misses Edna and Jean Jasper entertained the members of their Sunday school class at the Island City Community church this afternoon at the home of their parents, Mr. and Mrs. Ed Jasper in the Iowa district. There are 10 girls in the class and their teacher is Mrs. Dee Davis of Cove avenue. Edna and Jean arranged some splendid games for the afternoon and their mother served some nice refreshments. The girls were taken out to the Jasper home in the Davis truck.

Called To Lostine— Mrs. John Collins, who lives near the Cove, was called to Lostine Tuesday by the death of her uncle, George Williams. Another uncle, James Reed, came into the valley for her and took her to Wallawa county.

Much Snow— From Rock creek power plant across the line in Baker county comes the word that snow is creeping down the mountainside and had reached a depth of 10 inches at the Rock Creek lake district known as the Meadows cabin.

Countrywomen's Club— Mrs. Ralph Wells very graciously entertained the members of the Countrywomen's club yesterday afternoon at her home in the Valeria district and there were present 15 adults besides a number of the little folks. The program of entertainment for the afternoon was in the hands of Mrs. Penland and Mrs. Albert Hamann. Besides the two interesting contests which they conducted they had also arranged several numbers which were appropriate to Armistice day. Mrs. Wells was assisted by Mrs. Fred Wells when she served some very delicious refreshments at the close of the afternoon. It was an exceedingly pleasant afternoon for all present.

Hallowe'en Party— Reports come of a fine Hallowe'en party given at the Reavis school near Enterprise, when in a room attractive with Hallowe'en decorations the children dined upon their special program in the form of a radio broadcast. Miss Anne Geithuber of La Grande is the teacher of the school.

Portland Visitor— Mrs. Samantha End and Mr. and Mrs. Tony End, of Pleasant Grove, have been having as their guest their son and brother, Percy End, whose home is in Portland.

Concludes Visit— After having spent several months among her friends and relatives at Cove, Mrs. Lulu Weeks has returned to Portland where she has resumed her work. Mrs. Weeks, who visited at the home of her mother, Mrs. Lorenz, was a member of the Observer staff several years ago.

Returns Home— William Wiggins, who has spent the summer and fall working near Imbler, returned last week to his home at Lostine. He was accompanied there by his son-in-law and daughter, Mr. and Mrs. Roy Morris.

To California— Mr. and Mrs. Lewis Webber, who have been making an indefinite stay at the home of Mrs. Webber's parents, Mr. and Mrs. Frank Paige, of the Mill Creek canyon road, have gone to Long Beach, Cal., where Mr. Webber has secured work. Mr. and Mrs. Webber came to this valley last spring from Colorado, we believe.

Give Birthday Dinner— J. A. Arnoldus, of Pleasant Grove was the honored guest at a birthday dinner which Mrs. Arnoldus gave at their home Sunday and at which, in addition to the members of her immediate family, her father, J. E. Woods, and her brother-in-law and sister, Mr. and Mrs. Claude Hale and Ruth were the guests. Mrs. Arnoldus served a delicious turkey dinner at the noon hour.

Move To La Grande— Mr. and Mrs. Joe Fisher, who have lived in the Willowdale district, have moved to La Grande, where Mr. Fisher has purchased a dairy route. The Fisher family were very prominent in their neighborhood in the valley and were especially prominent in the little Sunday school which the families in that neighborhood have been having.

Attend Game— Supt. Roy Conklin, of the Union schools was an interested spectator of the athletic at the Eastern Oregon-Lewisville Normal yesterday in La Grande. Always interested in the local normal school, Mr. Conklin is especially interested in this year inasmuch as his oldest twin, Roy and Ethel, are first-year students at the state school.

Finding Gold— The following item was sent in to us by Franklin Truax of Ezra Meeker Springs: "Gold in paying quantities is being found at the Tollgate, 5000 ft. high as \$100 per ton. Twenty-four loams are already filed and work will run in the spring."

At Willow Creek— In enumerating the schools of the valley where special programs were held last week observing the Armistice festival, mention must be made of the Willow Creek school in the north end of the valley, where a basketball game between Buckley and her pupils gave a fine program enjoyed by a group of visitors and concluded the afternoon by serving doughnuts and cider.

Creatures of Fable— Probably the best known of the fabulous birds of prey were the roc, which was a bird so enormous that it obscured the sun where it flew, and carried away men in its talons; the phoenix, which was a bird with a beautiful voice and a long tail like a peacock's, and which was supposed to rise from the ashes of fire, and the harpy, which was a terrible bird with a woman's face and breast and great claws like an eagle's, which pursued men who had sinned.

Cells in Human Body— All the common animals and plants, however widely they differ in size and appearance, are made up of very similar units, known as cells. There are hundreds of billions of these cells in the human body, each cell being so small that it can be seen only under a good microscope. The cells of one tissue differ markedly from those of another, but the cells of a given tissue in man are very similar to those of the corresponding tissue in even such a remote relative as a fish.

Hi-Ways To Health OREGON DAIRY COUNCIL

Fruit and Nut Industry Is Very Important

The great economic importance of fruit and nut production in the state's agriculture industry is shown by data contained in an analysis of the trend of tree fruit, nut and berry acreage in Oregon just published by the O. S. C. extension service. Although only approximately four per cent of all land used for crop production is in tree fruits, nuts and berries, the average cash farm income from 1926 to 1930 was approximately \$18,000,000 a year, or 15 per cent of the total cash income from all crops and livestock, according to the circular.

The average cash farm income from 1926 to 1930 in Oregon for apples was \$5,000,000, pines \$3,150,000 (dried) \$2,800,000 and fresh \$400,000, pears \$2,484,000, cherries \$1,550,000, peaches \$205,000 and apricots and plums \$20,000, according to estimates by the United States department of agriculture. The income from walnuts averaged \$356,000. Strawberries brought an average of \$1,783,000, cranberries \$62,000, other berries \$3,591,000 and grapes \$29,000.

By means of conversion factors the author of the report, L. R. Breithaupt, college extension economist, calculated the acreage of each kind of fruit and nuts from census data showing the number of trees in 1909, 1919, 1924 and 1929. The resulting data indicated an upward trend in total acreage during the last 20 years largely accounted for by increases in cherries, pears, prunes, strawberries, raspberries, walnuts and filberts. The total apple acreage has declined to less than one-half of what it was in 1909, but is still second to prunes with pears and walnuts both about to exceed apples in acreage.

More recent data on crop acreage are contained in the annual sample census prepared by the college extension service.

Large Crowd At Imbler School Event Thursday

By Howard Wilson (Observer Correspondent)

IMBLER (Special)—A large crowd turned out Thursday night to witness the Imbler High school dramatic contest. The plays in the order of their presentation were: Freshmen, "Keepin' Kitty's Dates," which was coached by Ben Raskopf. This was a comedy of sorority life. The cast was: Beta Hudson, Marjorie Howell, Donna Watson, Nea Wilson, Beth Conklin, Farrell Skillings, Garth Westenskow, Charles Noyes. Technical assistants were Bert Lloyd, Edna and Helen in separate cages for this experiment. They were fed identical rations with one exception in the choice of food. One group, the check pen, was fed their normal ration plus butter, the other group, the same ration plus a butter substitute. Both groups were fed some milk products, which tended to take the place of some of the elements found lacking in the substitute dog rations, as shown by the illustrations.

The first indication of lack of proper feeding was noticed about the third week," says Dr. Moore, in commenting upon the experiment. "When attendants went into the room with the dogs both groups would stand up and bark. Soon the butter fed dogs would bark their greeting and the substitute dogs would continue to bark and howl for the entire time anyone was near and often we heard them after everyone had left the room. This indicates an extreme nervous condition which soon became apparent in other symptoms."

The dogs were fed the same ration during the entire test and each day showed a marked improvement in size and strength of the butter-fed dogs. The experiment did not prove at the first of the test that the substitutes were proving directly injurious to the dogs in that group, but that the improvement, the normal growth which should be expected and the health and vigor which puppies of this age usually attain was much more marked in the butter-fed puppies. As the days passed the change in the two groups became more pronounced. On the other hand, the butter-fed puppies became playful, bright-eyed dogs, their less fortunate brothers and sisters in the adjoining pen became inactive, dull-eyed runts who seemed only to welcome the death which came to them from respiratory troubles on the 56th day of the test, on the average.

"The pictures taken during this test will tell their own story," continues the expert Moore. "Before the pictures were taken the upper dog weighed more than the lower one; for every ounce of gain, the dogs on butter substitutes ate 3 per cent more calories of food per pound of body weight than those on butter. But it did no more good than so much sawdust. Since illness and death occurred, the money spent for the butter substitute was wasted, as was also the money spent for all other food that these (the butter substitute dogs) ate. These dogs developed digestive and respiratory troubles, while the butter dogs remained healthy."

Dr. Moore and all other persons who watched this experiment are even those who study the various illustrations taken during the test are convinced that butter contains that vital something, that vital something which the growing body must have to maintain its normal replacement and growth. The lack-lustrous eyes of the substitute dogs are strangely reminiscent of the ambitious eyes of hungry men to be seen in lines at welfare soup kitchens. The rickety bones and general lack of health tone bring back fearful pictures of ill-fed children in famine-stricken countries. In these unfortunate puppies who were sacrificed on the altar of ill-feeding, we see the human counterpart of humanity which from lack of knowledge or lack of money must be fed on cereals, unsuitable diets.

The question immediately comes to mind, just how many of the unfortunate souls who are being fed "economy" rations often prepared by those

The invisible to the eye has always been the mysterious to mankind. The perfume of the rose, the power of electricity, the pull of gravity and the human spark of vitality have fired the thoughts and imaginations of men from the dawn of history. Scientists in recent years have devoted their thoughts to the more common but not less vital things which we cannot see and yet do feel and experience each day of our lives.

The important question to mankind, now and ever, has been: "What are the mysterious elements in food which, taken into the system and fed by the intricate digestive system, have produced normal growth and healthy maintenance of the hard-working human body?"

Some years ago learned food scientists and nutrition experts discovered certain vital elements they gave the name "vitamin." These they designated, each for its own type or purpose as A, B, C, D, and so on. Even these scientists have been unable to describe these elements of food so that the layman can readily understand them, but from their experiments they know that these elements are vitally necessary for normal growth and for the maintenance of health. Unseen though these elements are, they are nevertheless present in certain foods. One of the most vital for growth and protection from disease is vitamin A. In their search for foods rich in this essential vitamin the scientists found that dairy products, especially butter, were among the leading foods. Another vitamin also present in butter was found to be vitamin D which was discovered to be a preventative of rickets in growing bodies.

It is human nature to be most interested in experiments conducted close to our home under local conditions and it is for this reason that recent experiments and feeding tests conducted by the University of Oregon medical school in their nutritional research laboratory, under the direction of Dr. C. Ulysses Moore, of Portland, are of special interest to Oregon people.

One of the most striking examples of food nutrition and the absence of the essential vitamins A and D were discovered in Dr. Moore's feeding experiments on a litter of puppies. Two of these pups, whose pictures are shown at the end of 47 days of feeding, are used to illustrate this article.

Eight puppies, all of normal condition and strength and all litter mates were placed in separate cages for this experiment. They were fed identical rations with one exception in the choice of food. One group, the check pen, was fed their normal ration plus butter, the other group, the same ration plus a butter substitute. Both groups were fed some milk products, which tended to take the place of some of the elements found lacking in the substitute dog rations, as shown by the illustrations.

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Half Million Fish Planted

unversed in human nutrition will later be forced to seek medical or optical care from other public welfare agencies at the expense of the taxpayer all because their "public welfare" diets were lacking in those essential vital food elements which the scientists have called the vitamins.

Fruit's Leaf Area Is Important

The leaf area per fruit is an important factor in size and color development. Thirty to 40 normal leaves per fruit functioning throughout the season are required on most of our varieties of apples to produce fruit of commercial size and color. An excess leaf area, however, is objectional to best fruit production. The fruit is likely to be too large, too soft in texture, late in maturing and generally poor in color.

A thorough understanding of the functioning of leaves and the leaf relationship to size and color of fruit and to general tree growth and vigor is necessary a general understanding of nearly all orchard operations, besides L. Overly, associate horticulturist at the Washington State college experiment station. A practice of heavy pruning which generally decreases total foliage area will decrease fruit production. A pruning practice that thins out the weak spurs from the under side of the fruiting wood and permits sufficient amount of the new growth to remain is generally most satisfactory from the standpoint of leaf area and fruit information.

The size and color of fruit may be reduced by applications of sprays that reduce the normal functioning of the leaves, explains Mr. Overly. If a tree has been thinned to the minimum leaf area and sprays are applied causing arsenical burning to the leaves, the results will be reflected in the decreased size of fruit. Too many sprays may cause a blocked condition in the vascular system and retard the movement of the carbohydrates from the leaves. This also will cause a decrease in the size of the fruit.

Large Farm Is Transferred

ENTERPRISE (Special)—The first large deal in many months was reported last week when Leonard B. Jordan and Richard Maxwell bought from L. C. Johnson the Hall layout on the Idaho side of Snake river. This consists of 27 sections or 17,982 acres and J. T. Triester, winter ranch, with branch headquarters at Kirkwood bar, on Snake river. The sale also includes two bands of sheep, Mr. Jordan and Mr. Maxwell have gone to the ranch and taken possession of their large property.

While the Hall layout is in Idaho it has been closely associated with Wallawa county for years. Jay H. Dobbin bought it in '21 and times and sold it to good advantage to a sheep company. Later Mr. Johnson bought it as a personal investment and his son Kenneth was put in charge as his partner. The ranch is seven miles above Pittsburg and across the river from the Brockman ranch, now the property of the Temperance Creek Livestock company, owned by L. C. Johnson, O. W. Franklin and J. T. Triester. It is reached by a mountain road that leaves the Idaho North and South highway at Lucille, on the Salmon river, but most of the travel is by Snake river boat from Lewiston, Ida.

CRICKET FLAT PERSONALS

By Lois Witherspoon (Observer Correspondent)

CRICKET FLAT (Special)—Mrs. Leo Roulet spent Friday at the home of Mr. and Mrs. J. E. Witherspoon, Mr. and Mrs. H. Parsons and Mrs. Glenn Parsons transacted business in La Grande Saturday.

Mr. and Mrs. J. E. Witherspoon and family had as their guests Sunday Mr. and Mrs. Walla Greesman and daughter, Naomi, of La Grande, and Mr. and Mrs. Clarence Witty and children, of Elgin.

Mr. and Mrs. Raymond Waely and daughter, Zetta, visited relatives at Richland over the weekend. Riley Chandler visited Wednesday at the Jesse Knight home.

LaVerne Brugger was a guest at the C. E. Cameron home Tuesday.

PORTLAND PRODUCE

PORTLAND, Nov. 12 (P)—Potatoes—Local 61c; orange box, Deschutes Gems 50c; 61c; Yakima Gems 65c; 90c cent. Butter, buttermilk, eggs, live poultry and country meats unchanged.

SUGAR AND FLOUR

PORTLAND, Nov. 12 (P)—Cane, granulated \$4.50 100 lbs; best sugar \$4.30 100 lbs. Domestic flour—selling price delivered: Patent 49s \$5.50; do 98s \$5.30; bakers' bluestem \$4.10; soft wheat pastry patent \$4.40; 5.20; Montana hard wheat patent \$3.95; 5.20; rye \$4.50 \$4.60.

All Colors in Sunlight—Sunlight is white light composed of all colors of the spectrum.

PORTLAND LIVESTOCK— PORTLAND, Ore., Nov. 12 (P)—Cattle 1485, calves \$3 for week. Steers showed more or less weakness from the start. Trading in general appeared with a loss of around 250 with an early top of \$5.25 and \$5 thereafter. Most of the sales of good steers were around \$4.25 to \$4.75; low grades down to \$3 and lower. Yearling heifers sold at \$4.35 to \$4.50, with heavier stuff \$3.85 down; a lot of mixed steers and yearling heifers sold at \$5.50; high medium cows sold at \$3.10 to \$3.35 and low cutters and cutters \$1 to \$2; bulls were around \$1.50 to \$2, but a few sold at \$2.50; calves and weaners had a spread of \$2 to \$5.50 in a steady market.

Hogs 4369 for week Trade was generally steady at the start with a top of \$3.85, which was stretched 15c to \$4 later in the week. This was the closing top on light butchers. Heavy butcher sorts were down to \$3 with a large per cent \$3.25 and better; packing sows were \$2.50 to \$3 generally with the bulk \$2.75 and better; feeder pigs sold at \$3.35 to \$3.50.

Sheep and lambs 2625 for week. Trade was generally steady. No real tops were in the lamb sales, the best available moving at \$4, with strictly choice quoted to \$4.25 to \$4.50, common and medium sorts were \$3 to \$3.75 with thin throwouts in nominal call around \$2; yearlings were \$2 to \$2.50 with strictly choice quoted to \$2.75 and better; cull to choice ewes were 50c to 1.25.

LA GRANDE RETAIL MARKETS

Sugar, 100-lb. sack \$5.35

Vegetables

Parley, bunch 60 Cabbage, lb. 5c New wax onions, lb. 5c Turnips, 3 bunches 10c Carrots, 3 bunches 10c Potatoes, sack 98c Potatoes, sack \$1.25 Onions, lb. 15c Tomatoes 2c Beets, 3 bunches 10c Lettuce, Imperial 50c Garlic, lb. 35c Red peppers, lb. 30c Green peppers, lb. 10c Egg plant, lb. 10c Spinach, lb. 10c Sweet potatoes, 4 lbs. 15c

Fruit

Bananas, box 80 Apples, box 60c to 85c Lemons, doz. 50c Oranges, doz. 10 to 20c Dry prunes, 30 to 40 size, 4 lbs. 25c Grapes, lb. 15c

Dairy

Butter, creamery, lb. 27c Cheese, lb. 15 to 25c Honey, comb 1.25 Cottage cheese, lb. 20c

Eggs

Fresh extras, doz. 30 to 32c Mediums, doz. 28c Mixed, doz. 27c

Poultry

Hens, lb. 15c to 20c Springers, lb. 20 to 22c

Flour

Hard Federation, 48 lbs. \$1.25 Per barrel 4.75 Soft wheat, bbl. 4.00

Union Hatchery Supplies Streams Variety of Fish

The state fish hatchery up on Catherine creek near Union is always an interesting place to visit. And it is a busy place too. Superintendent R. H. Bonny reports some interesting figures regarding plantings made during the year which ended Oct. 31. These figures are as follows and show that a total of 462,500 fish were planted in various streams during the half-month:

Baker county: Rainbow trout— Eagle creek 52,000 Clear Creek 3,000 North Pine creek 4,500 Fish Lake 1,000 Twin lakes 1,000 Burnt river 20,000 Brook trout— Anthony lake 42,000 Black lake 4,000 Fish lake 6,000 Twin lakes 4,000 Dredge ponds 12,000

Union county: Grande Ronde river 16,000 Grande Ronde lake 12,000 Minam river 8,000 Looking Glass river 8,000 Five Point creek 8,000 Indian creek 6,000 Meadow creek 6,000 Catherine creek 8,000

Brook trout— North Pine creek 16,000 Beaver creek 16,000 Sanderson Springs 12,000 Willow creek 12,000 Ladd creek 12,000 Beaver creek reservoir 12,000 Chinook salmon— Grand Ronde river 25,000 Catherine creek 25,000 Willow creek 20,000

Malheur county: Rainbow— Little Malheur river 35,000 Malheur river (South fork) 15,000 Rose creek 12,000 Umattilla county: Umattilla creek 12,000 Umattilla river 19,000

WOOL REPORT

BOSTON, Nov. 12 (P)—The Commercial Bulletin today says: "With the election Tuesday and the holiday yesterday there has been comparatively little opportunity to do business in the wool market this week. There has been a little wool sold, however, and inquiries made by wool manufacturers indicate that there could be substantial sales made at slightly under current quotations. "Manufacturers and clothiers have clearly indicated their belief in the underlying soundness of the market, regardless of the election outcome, although activity at the mills has tapered off slightly from the recent peak."

"The foreign markets are firm, generally; in fact, the balance seems to be in favor of the seller in Australia this week. Continental Europe is the outstanding buyer in the colonial markets at the moment. "Mohair continues slow and hardly changed in price. The Bulletin will publish the following quotations: Scoured basis: Oregon: Fine and F. M. staple 44 to 45c; fine and F. M. fr. combing 38 to 40c; fine and F. M. clothing 35 to 38c; valley No. 1, 40 to 41c. Mohair: Oregon 13 to 14c; domestic graded first combing 24 to 25c; second combing 22 to 23c; third combing 17 to 18c; fourth combing 15 to 16c; hood taping 23 to 25c; first kid 45 to 50c; second kid, 35 to 40c.

LIVERPOOL WHEAT

LIVERPOOL, Nov. 12 (P)—Wheat closed: December 52; March 50 1/2. Exchange 43.2.

CHICAGO LIVESTOCK

CHICAGO, Nov. 12 (P)—(U. S. D. A.) Hogs 7000; mostly weak to 10c lower; 180-270 lbs. \$3.95 to \$3.70. Cattle 5000; compared weak ago; Medium weight and weighty steers 28 to 30c higher; vealers 50c higher; best weighty bullocks \$5.60; steers \$5 to 7.50; best heifers \$7.50. Sheep: Fat lambs and yearlings mostly 50c to \$1 higher; other classes around 25c higher; fed western lambs predominated; closing bulks: native and fed western lambs \$6 to \$6.50; fed clipped lambs \$5.75; native throwout lambs \$4 to \$5; fat ewes \$1.50 to \$2.25.

PORTLAND CASH

PORTLAND, Nov. 12 (P)—Cash wheat: Big Bend bluestem 53 1/2c; dark hard winter, 12 per cent, 52c; dark hard winter, 11 per cent, 50c; soft white, 43 1/2c; western white, 42 1/2c; hard winter 43 1/2c; northern spring 42 1/2c; western red 42c. Oats—No. 2 white \$1.7. Today's car receipts: Wheat 3