

Second Inspection Of Certified Spud Seed Starts Soon

By J. R. McCAMBRIDGE
Assistant County Agent

Professor G. R. Hyslop of Oregon State college will be in Klamath county the latter part of this week to start the second field inspection on the certified potatoes. The completion of the first field inspection the last of July showed that the quality of the crop was exceptionally good. The disease count rather low. A few acres were rejected but the percentage was not high.

The diseases most prevalent are rugose and mild mosaic. The acreage of potatoes entered for certification this year is 659 acres, which is comparative to the acreage entered last year.

Rogueing Advised

Rogueing should be done early and often to prevent spreading of these virus diseases throughout the field. Potato virus is spread from one plant to another by aphids. The aphids feed on the diseased plant then on healthy ones, thus spreading the disease from one plant to another. Rogueing consists of going through the fields, systematically pulling the vines and removing all the young potatoes and the old seed pieces. The vines and young tubers should be carried from the fields. It is pure folly to just pull the vines and leave the young tubers in the ground. If these young tubers are not removed they will be harvested with the rest of the crop and if used as seed, they will produce diseased plants, thus making certification difficult from such seed and roguing a waste of time.

Rogueing should always be done previous to the time the field inspections are made.

Leaf Roll

Leaf roll is a virus disease which has caused some concern among the potato growers in Klamath county. This disease has been found this year in both certified and commercial fields, but only in small amounts which are not serious as yet. However, attention should be given this disease to prevent its spread and bring about eventual control.

SYMPTOMS OF THE DISEASE

1. In Leaves. Leaf roll is characterized by an upward rolling of the leaflets which become thickened, stiff and leathery. This gives the plant a stiff, erect appearance. Leaves of affected plants show a distinct rolling from the midrib to the edges rather than the V-shaped fold from the midrib as is the case with Rhizoctonia. Leaflets in the upper part of the plants point upward and show the lower side, particularly in newly infected plants. The leaves eventually assume a yellowish color and the whole plant becomes dwarfed.

2. In Tubers. The mature tubers sometimes show an extensive network of dark brown thread-like streaks running through the interior of the potato. This network is quite different from the discoloration in the vascular ring which is caused by other diseases and conditions. The brown color does not show until the tubers approach maturity and it continues to develop in storage. This symptom occurs particularly in plants infected during the current season and is termed net necrosis. In serious infestations it is almost impossible to make a good marketable grade of potatoes because of the waste caused by this discoloration. The yield from diseased plants is reduced. Yield reduction is very serious if the seed piece carried the disease. Few tubers from such plants ever reach marketable size. Seriously infected fields are not worth digging.

CONTROL

(1) Use Clean Seed. Strict certification of seed potatoes should reduce the amount of seed-borne leaf roll to a minimum.

(2) Discard diseased tubers. When cutting seed, discard all seed tubers which show the characteristic net necrosis.

(3) Rogue diseased plants. During the growing season all plants showing leaf roll should be rogued as soon as they can be recognized. The earlier the roguing is done, the better, as there is less opportunity for aphids to spread the disease. When taking out diseased plants, be sure to remove the seed pieces also. They may sprout and produce another diseased plant.

(4) Maintain an isolated seed plot. Growers who produce their own seed potatoes should maintain an isolated plot for growing clean seed to use in the main commercial planting. The essential practices to observe in this special seed plot are:

(a) Use the tuber unit system. Place all seed pieces cut from one tuber in a small container, berry boxes, tin cans, or paper bags may be used. The berry boxes are preferable. Use a separate container for each tuber. Plant the pieces from one tuber one after the other in the row. Skip a hill, then plant the pieces from the next tuber, and so on. In this way, if a diseased tuber is in the seed lot, all pieces from this

tuber will be planted in the same tuber unit in the row and thus all can be rogued earlier and more accurately.

(b) Rogue carefully. When the potatoes are up and the symptoms are noticeable, rogue very carefully. Whenever any one of the pieces coming from a tuber shows disease, rogue out all hills coming from that tuber, because it is probable that all of these hills are diseased.

(c) Index the foundation seed plot where practical. Some growers are indexing the tubers for the seed plot to good advantage. This involves the growing of one eye, preferably the stem-end piece, from each tuber well in advance of the field planting to determine whether the tuber is healthy. If this piece produces a healthy plant, it is assumed that all the other pieces of that tuber will produce healthy plants. All tubers detected as diseased are discarded and only the healthy ones are kept for planting in the tuber unit seed plot. Where facilities are available for doing the work effectively, this is undoubtedly the most nearly ideal method now known for controlling the potato virus diseases.

EARLY MARKET OF LIVESTOCK HELD NEEDED

While current meat shortages reported from some parts of the country have not occurred to any important extent in Oregon, the present situation holds an element of warning to livestock producers, points out R. G. Johnson, head of the department of animal husbandry at Oregon State college.

In Oregon, as well as elsewhere in the country, farmers are raising the largest number of meat animals on record, with marketings normally scheduled to reach an all-time high late this fall and in early winter. Current shortages in some parts of the country are caused by an unusually large export and domestic demand for meat supplies, plus some local dislocations caused by price control.

Because of the current demand and favorable prices Oregon cattlemen could well afford to move some stock such as fat cows to market in greater volume than usual this summer and early fall so as to avoid a possible congestion in slaughtering and shipping facilities later on, says Johnson.

The same holds true for hog raisers who may have hogs on hand now that could be hurried along to good size and finish by heavy feeding. Present price ratios are such that heavy feeding of a well balanced ration is justified and will return good profits, Johnson believes.

Thus, rapid forcing of Oregon meat animals to good size and finish will help consumers and producers alike by relieving shortages and avoiding later congestion.

Dealer shortages put new value on used merchandise. Cash in on your "junk" through a classified ad. Phone 3124.

Champion Plow Girl



Miss Patricia Altree (above), 17, who operates a 70-acre farm near La Center, Wash., defeated nine male competitors in a three-state regional plowing contest at Beaverton, Ore. The attractive high school miss took over operation of the farm when her father took a job in a war industry.

Weekly Market Trends

(Editor's Note: The following market information is supplied from material obtained over the government leased wire in the office of the extension economist at Oregon State college. The material, in the form of a weekly summary of trends in the livestock market, is not intended to replace spot day-by-day market reports.)

CATTLE MARKETS

The heavy run of cattle that has continued for the past two weeks was in evidence again Monday when 3000 head were received at North Portland, all but 100 head of which were available for local trading. The market was generally steady, although last week's top of \$14.50 paid for some experiment station fat stock was not reached. Good fed steers brought \$14.15 to \$14.35, while heavy grass steers were as high as \$13.50. Most of the grass-fed steers, however, sold at \$13 and below. The market in San Francisco was sharply firmer, with fed steers quoted at \$13.50, up about 25 cents from last week's close. At Chicago a top of \$16.50 was reached for fat steers.

Receipts of cattle in North Portland have been running considerably ahead of a year ago, indicating that feeders have changed their plans since reporting last April. The placing of ceilings on beef prices at wholesale and retail caused some uncertainty so that many cattle have been marketed in June and July and so far in August that were intended for later movement. Slaughter of fed cattle in June and July was the largest on record throughout the country. Cattle and calves are reported in good condition on the range. Feed has been good, except in a few local dry areas. Grass-fat cattle from the southwest have been showing good weight and finish.

Sharp reduction in the number of cattle on feed as com-

pared with a year ago is reported by the USDA. Reports also indicate that the feeding period for those now in the feedlots is considerably shorter than a year ago. Conditions of livestock in the range states was very good as of August 1.

SHEEP AND LAMB MARKETS

Arrivals for local sale at North Portland amounted to 1800 head last Monday, with trading active and prices mostly up about 25 cents. Good to choice fat spring lambs brought \$12, with medium to good grades quoted at \$10.50 to \$11. Top prices reported from other markets were \$13.50 at San Francisco and \$14.75 at both Chicago and Omaha.

Direct and contract buying in the intermountain area became active last week at higher prices than prevailed before price ceilings slowed up trade. On the coast, buyers in the San Francisco bay district have bought upwards of 15,000 head of lambs for early September delivery at \$13 f.o.b. Nevada railroad points. The movement of spring lambs at San Francisco from the north coast section appears to be about ended for the season. In Montana and Wyoming both black and white-faced feeder lambs sold at \$11.50 to \$12 f.o.b. loading point. White-faced yearling ewes sold at \$11.50 per head. Colorado sales of fat lambs for September and October delivery have been at \$12 per hundred. Along the Pacific coast lamb slaughter has continued at a relatively high rate this year.

HOG MARKETS

After reaching a new high for many years last week at \$15.50, hog prices at North Portland Monday remained fully steady and one lot even brought \$15.60. Receipts for local sale totaled about 1500 head. San Francisco markets ranged from \$15.50 to \$15.75, while at Chicago top of \$15.25 was reported.

Part of the price advance at North Portland recently is be-

Fort Klamath

FT. KLAMATH — Mrs. Jack Ruegg and daughter Diane left Thursday evening for their home in Portland, after spending some time visiting here at the Roy Wimer home.

Mr. and Mrs. R. Veri Mallory of Weed spent Sunday visiting here at the home of Mr. and Mrs. Frank Denton and the latter's sister, Mrs. Clara Beall.

Word has been received here by Mr. and Mrs. Fred Bishop from their son, Leon, telling them that he has enlisted in the U. S. navy. Bishop had previously served four years in the naval service, and had been employed in Los Angeles until the time of his enlistment at the Boeing Aircraft company in defense work.

Mr. and Mrs. Frank Denton and the latter's sister, Mrs. Clara Beall, spent last weekend visiting friends in Medford and also attended the Camp White dedication ceremonies held there.

Mrs. Harry Baum was taken to the Hillside hospital in Klamath Falls Tuesday by her husband. Mrs. Baum has been in very poor health for some time.

C. J. Brisco and H. L. Wimer left Monday afternoon by car for a week's stay at the coast. Both men suffer from chronic asthma and the trip was made in an effort to improve their health.

Mrs. Orville Schroeder and sister, Mrs. Roy Deffenbacher, spent Tuesday in Klamath Falls, accompanied by Mrs. Schroeder's daughter, Jacqueline Joyce, who submitted to a tonsilectomy in the forenoon. The little girl is recovering satisfactorily from the operation.

Mrs. R. S. Ballou returned Wednesday from a trip to Grants Pass, where she spent several days under a doctor's care.

Roy Deffenbacher, formerly employed at the Vogue barber shop in Chiloquin, is now working in a barber shop at Bly, Ore. His wife operates the local barber shop.

Mrs. Guy Hartell was in Klamath Falls Wednesday shopping and visiting.

Mrs. Fred Gorden was called to Portland this week by the illness of her sister.

Poe Valley

Emil Wells is having his hay put up this week with buck rakes.

Curtis Hoyle has been doing some mowing recently for Chet Barton.

Vic Brown went out to work near Klamath Falls with his combine thresher recently.

Glen Kester is putting up his hay with buck rakes this year. Earl Kester and Virgil Holmes are helping him.

Mr. and Mrs. Wallace Hoyle and sons were visitors at the Joe Nork home one evening this week.

Merle Webber and Warren Roberts are planning on operating a combine around Midland in the near future.

Art Gibson was a business caller here from his home near Klamath Falls Thursday.

Ben Nork and son Billy were callers here from Langell valley Friday morning.

Mrs. Wallace Hoyle did some cooking at the Chet Barton ranch this week, as the regular cook was ill.

Joe Nork threshed some of his dry-land wheat with the combine this week.

Heaved due to improvement in quality.

WOOL MARKETS

Trading dropped back somewhat at Boston again this past week, although some fine and half-blood domestic wool moved at about ceiling prices. Sales of fine to half-blood territory wools were made to Boston dealers at firm to slightly higher prices. Some sales of Ohio graded three-eighths blood wools were made at a grease price of 50 cents.

Your "junk" is worth money. Sell it through classified ads. Put the cash in War Savings!

LEGAL NOTICES

NOTICE TO CREDITORS
IN THE CIRCUIT COURT OF THE STATE OF OREGON FOR KLAMATH COUNTY.
IN THE MATTER OF THE ESTATE OF E. N. EAGLE, DECEASED, IN AND TO THE ASSETS OF THE CO-PARTNERSHIP OF E. N. EAGLE AND D. N. EAGLE, CO-PARTNERS DOING BUSINESS UNDER THE FIRM, NAME AND STYLE OF EAGLE AND SON.

Notice is hereby given that the undersigned has been appointed Administrator of the Estate of E. N. Eagle, deceased, in and to the assets of the co-partnership of E. N. Eagle and D. N. Eagle, co-partners doing business under the firm name and style of Eagle and Son. All persons having claims against said partnership estate are directed to present said claims properly verified to me at the Office of Fred D. Fletcher, Suite 12, Melhase Bldg., Klamath Falls, Oregon, within six months from the date of the first publication of this notice which is August 14th, 1945.

D. N. EAGLE,
Administrator.
A 14-21-28; S 4-11—No. 112.

Medford's 105 Topped Oregon Mercury Readings in Week

PORTLAND, Aug. 19 (AP) — Temperatures ranged upward to 105 degrees during the past week in Oregon, the department of commerce revealed today in its weather-crop bulletin. However, autumn's approach was hinted in night lows in the 30s.

Medford got the highest reading, 105 degrees. Other peaks for the week: Albany 102, Baker 95, Bend 94, Eugene 100, Klamath Falls 98, La Grande 100, Lakeview 94, Wasco 104, North Bend 91, Pendleton 102, Roseburg 103, Salem 102.

Weather was favorable for farm activities. Harvest of grain

continued with at least average yields reported generally. Corn enjoyed good growth. Second-crop alfalfa and clover cutting continued and bent grass harvest was in full swing in Clatsop county. Hop picking has started in western counties and sugar beets are progressing normally in eastern counties.

Early peach, apple and plum picking has started along with some early pear harvesting. Early prunes have been almost all harvested in Umatilla county.

Pastures and ranges are dry in the eastern section and feed is becoming scarce.

Bonanza

John Ross spent several days in Chico last week, where he visited his son Ronald, who is stationed there.

Mrs. Ada Sparreborn, Mrs. Birdie Burk, Mrs. Irene Hartley and her daughter Mrs. Clyde Wooten, shopped in Klamath Falls Monday and attended the theatre in the afternoon.

Mr. and Mrs. D. W. Ferguson of Stockton, Calif., spent the weekend with their daughter, Mrs. F. W. Brown and family. The Fergusons lived in Merrill the past winter.

Billy Drew and his sister Jean and Martin Brown went to Medford for the Camp White reactivation. June Marie Brown, sister of Martin, returned with them for a short visit here.

Mrs. Harry Frazier entertained the Garden club at her home in Langell Valley last Friday. Members of the club decided not to give a flower exhibit this year; instead they will display their choice vegetables and flowers at their regular meetings. The vegetable display will be held at the next meeting which will be at the home of Mrs. Mary Sparks, Aug. 28.

Mr. and Mrs. Louis Anderson of Tulare visited at the Charlie Booth ranch Monday evening.

Mrs. Elta Kilgore of Sprague River was in Bonanza on a business trip Monday. Mrs. Kilgore was a former resident here.

The Oddfellow and Rebekah lodges of Bonanza combined to give a farewell party for Elva Maxwell, past noble grand of the

Mt. Laki

Marcella Reynolds and Patricia Short are visiting in San Francisco, Calif.

Mr. and Mrs. Ray Albers, accompanied by Miss Loretta Albers and Marvin and Wallace Albers, motored to Crater Lake Sunday. Wallace Albers recently arrived here from Iowa to visit his brothers and sisters.

Mrs. Estella Hill is having her house re-shingled.

Mrs. Mitchell of San Francisco, Calif., has been the guest of her brother, Jay Fairclough, and family the past week.

RUBBER SHIPPED

BIEBER — Thirty-two tons of scrap rubber, loaded into a freight car by half a hundred volunteer workers, left Bieber railroad yards Thursday bound for Denver. The rubber was assembled at the Standard and Shell oil warehouses in Bieber from donations in this area and hauled by trucks to the railroad in a community loading bee. John A. Klein, Bieber garage-man, shipped out 7000 pounds of rubber scrap previously.

Local I.O.O.F. Maxwell plans to leave for defense work within the week. Ivan Bold, son of K. L. Bold, will accompany him.

Mrs. George Black and daughter Betty and Beverly and son Stephen returned from a two-weeks' visit with her parents at John Day.

Donald Dixon spent the past week in Klamath Falls with his mother, Mrs. Irma Dixon. Jean, daughter of Mrs. Dixon, is nursing in the Veterans' hospital in Portland.

IF YOU NEED A BIKE FOR TRANSPORTATION

get an Application Form at the Rationing Board or here at Wards. We will be glad to help you apply for a bike.



WARDS HAWTHORNE

'Litewate' BICYCLE

32⁵⁰

Man or Woman's Model



"HAWTHORNE" means top quality—finest to the last detail



Its enamel is 9 times harder to chip than ordinary enamel



It's light-weight 35 1/2 lbs.—yet it's amazingly strong!



It's equipped with Wards Riverides—America's best tire!

Thousands of persons are now eligible to buy bicycles under the Bicycle Rationing Order. The local Rationing Board is issuing Purchase Certificates to eligible persons who need bicycles for transportation. If you get a Certificate come in and check over Wards brand-new Hawthorne "Litewate"—the War Model Bike that's specially-designed for fast, easy transportation. It makes hard pedalling a thing of the past! Compare it with other bikes selling elsewhere at higher prices! Ask about Wards Monthly Payment Plan.

BUY UNITED STATES WAR BONDS HERE

Montgomery Ward

Crewless Blimp in Mystery Crash



Scrawled on a street in Daly City, a suburb of San Francisco, lies the deflated navy patrol blimp which crashed with its crew mysteriously missing. An extensive search has been made for the two navy officers that were aboard the blimp.