

Beardless Rye From Union Station In Demand

When the Eastern Oregon farmers had grown the strain of Forty-fold wheat that had been selected and bred by the Union branch experiment station, offered their crop for market in 1919, they found that it commanded a premium of 20 cents a bushel. It was not only a high yielder but a superior milling wheat. Similar pure-line selections are being made by the station from the red chaff club, another important wheat for the district.

The hybrid barleys produced by the station are grown extensively throughout the state, the demand for seed exceeding the supply.

Finding that a beardless rye was much in demand, especially for dry farms, the station began and is now conducting breeding work to produce the desired type. Plants apparently free of beards have been developed, but must be tested out more fully and multiplied for seed before being offered farmers.

Tests Being Made.
Smut resistance work is being conducted in cooperation with the federal department of agriculture and the central college station, to determine the smut resistance of numerous varieties of wheat.

Tests to determine the most successful varieties of barley, oats and wheat under plot and field conditions are under way.

But the major work of the branch station under supervision of Robert Withycombe, superintendent, has been shifted from cereal and forage crops to livestock investigations.

In addition to the discovery that silage with alfalfa doubled the gains made by fattening steers without adding to the daily cost, the station found that chopping alfalfa hay added 28 per cent to its feeding value when fed alone, but only 14 per cent fed with grain and 7 per cent with silage.

Daily Gain Shown.
Grain fed with alfalfa produced 30 per cent more gain than the hay alone. Meadow pasture gave a daily gain of a pound a day the first month, 2.39 the second, 2.31 the third and 7. the fourth. Steers finished on this pasture topped the market.

Lambs can be successfully fattened in the open, but shelter increased the gains enough to pay interest on sheds. Materials and methods of feeding economically were likewise developed and given to stockmen for their use.

The high cost of fattening hogs for show with high feed costs were shown in a fattening test with 80 head of hogs. The first 45 days the animals were fed hard barley and tankage and allowed to run on alfalfa, and the cost of gain was 16 cents a pound. The remaining 60 days the hogs were fed common barley, tankage and molasses in a dry lot and the gains cost 20 cents per pound.

Sweet Clover Popular.
Protein test showed that tankage, soy beans, peas and cut alfalfa made creditable gains with rolled barley, and that coconut meal and ground flaxseed gave the poorest returns with the rolled barley.

Tests for yield of seed and forage of Canadian field peas, and of the peas in combination with hard barley and with oats for silage, indicate that the pea may become an important forage crop in Northeastern Oregon.

Grimm alfalfa, first brought into this part of the state by the station, has proved to be more vigorous and productive than the common alfalfa.

Trials to determine the relative val-

ue of red and alsike clover and of yellow and white sweet clover for hay and pasture were begun, to meet the rising call for more information on these crops. Sweet clover is rapidly increasing in popular favor.

New Corn Variety.
Sunflowers grown in variety and cultural tests will be used for silage with which to conduct feeding tests in comparison with other silage crops.

A corn variety that promises to succeed under the prevailing frost conditions has been found and will be further developed if proved profitable. Many varieties have been tried out, none of which proved entirely satisfactory over a term of years. The crops are used in silage feeding tests.

The Eastern Oregon branch station has both land and equipment for conducting investigation work with live-stock and crops. Some of its more recent findings have been made public in the new report of the O. A. C. experiment and branch stations, prepared by James T. Jardine, director, and published for the benefit of Oregon farmers and other interested citizens.

LEGISLATURE WAS IN DARK

COULD NOT FIND OUT WHAT
THE WORLD WAS DOING.

No Telegraph, Telephone or Railroads
When California Legislature
First Met.

SACRAMENTO, Cal., Feb. 12.—When the first California legislature met in San Jose in 1849, it couldn't find out what was going on in the world; there was no telegraph, or telephone; there were no railroads, and the stages carried infrequent and irregular mails so it passed a joint resolution about it.

"Whereas," said the resolution, "a large portion of the inhabitants of this state are far distant from the site of their government, and have no regular and direct means of communication with their representatives, and believing that the people desire to be in communication with their representatives and be advised of the proceedings of their legislature.

"Therefore, be it resolved, that Col. Allen, the United States Mail Agent, be and he is hereby requested to establish mail routes between the cities of Sacramento and Stockton, and the principal towns of the mining region, so that the mail may depart from said cities and return to arrive from said towns semi-weekly, and that he be further requested to appoint some suitable person in each of said towns to act as post master of their respective towns."

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FLOWERS FOR

ST. VALENTINE'S DAY.

MONDAY

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CHERRY'S FLORISTS.

2-11-21

UP-TO-MINUTE NEWS OF AUTOMOTIVE PROGRESS

Compiled by The Southern Motor
Manufacturing Association, Ltd.

Novel Uses for Tractors—

The field for the farm tractor is widening. Nowadays one finds them operating successfully on such jobs as operating a sprayer constructing sewers, moving warehouses, routing up hedges, dragging logs, hauling road material, cutting ensilage, shelling corn, mowing golf links, and a motor cultivator even has been employed in the north to remove snow.

Has New Automobile Jack—

A resident of New Zealand is the inventor of an automobile jack consisting of a base and head plates connected by toggle joint arms that are brought together with a screw terminating in a crank.

Passing of the Horse—

The passing of the horse again is demonstrated by the action of the Sandusky, Ohio, Horse Owners' Mutual Protective association, which has been rechartered as the Sandusky County Automobile Mutual Protective association.

Gasoline Consumption—

The average passenger car consumption of gasoline per year is 300 gallons, according to the National Automobile Chamber of Commerce, and the average motor truck consumption per year is 1500 gallons.

Illuminate Auto Step—

An electric light that is switched on to illuminate an automobile step as the door is opened has been patented by an English inventor.

Engine Operates Pump—

An English motor driven street sprinkler the engine operates one pump to fill the tank and another to spread the water.

NOTICE OF SHERIFF'S EXECUTION SALE.

NOTICE IS HEREBY GIVEN, that by virtue of two attachment executions and judgments and orders of sale, duly issued out of and under the seal of the Circuit Court of the State of Oregon for Union County, bearing date of January 8th, 1921, and to me directed and delivered, upon two certain judgments and orders of sale duly entered in said Court, in two actions therein pending wherein the La Grande National Bank of La Grande, Oregon, a national banking corporation, was and is plaintiff and against J. I. Woodell, who was and is the defendant, which said judgments were and are in favor of said plaintiff and against said defendant J. I. Woodell, one judgment being for the sum of \$598.00 together with the further sum of \$75.00 attorney fees, and the other for the sum of \$2,534.16, with the further sum of \$300.00 as attorney fees—each drawing interest at the rate of eight percentum from and after December 24th, 1920, the dates of said judgments—and the further sum of \$16.50 in each case as costs and disbursements of said action—no taxed—and, in which two executions, I am commanded to make sale in each judgment of the following described real and personal property to satisfy said judgments, interest, attorney fees, costs and disbursements and accruing costs.

NOW THEREFORE, by virtue of said writs and executions and in obed-

ience to the commands therein contained, I will on Monday, March 7th, 1921, at the hour of two o'clock in the afternoon of said day, at the front door of the County Court House, in the City of La Grande, Union County, Ore., sell at public auction to the highest and best bidder for cash in hand, five hundred and fourteen sacks of wheat, and defendant's undivided half of the northeast quarter of Section thirty-five (35) in Township one (1) south, of Range thirty-eight (38) E., W. M., and in Union County, Oregon, or so much thereof as is necessary to satisfy said two judgments, attorney fees, interest, costs and disbursements and accruing costs as aforesaid.

Dated at La Grande, Union County, Oregon, January 21st, 1921.

LEE WARNICK,

Sheriff of Union County, Oregon

Dly—Feb-5-12-19-24. Mar-6

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2-11-21

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2-11-21



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