

WONDERFUL GRAIN CROPS GROW IN WILLAMETTE VALLEY

DISTRICT GOOD FOR ALL GRAIN

H. O. White Says Salem Area Is Ideal Place For Many Food Crops

H. O. White, of the firm of D. A. White & Sons, is one of the grain growing industry. He is constantly buying and selling for his firm, as they and feedmen and seedmen, and large shippers of everything in their line.

Mr. White believes this valley is a good grain country, capable, with correct rotations and conservation and building up of soil fertility, of producing in every normal year crops above the average in the United States.

Mr. White said yesterday that our section produces principally white winter and white Eaton wheat for fall sowing, with some Kinney and Poisey, sown either in the fall or spring, with a little Defiance and Early Bart, which two latter varieties are also sown in either fall or spring.

The Waldo Hills section uses mostly Prohi wheat for fall sowing, and Huston (or "grass") and Marquis for spring sowing. The start for the Marquis variety came from Canada. It grows anywhere, on the bottoms as well as in the hills, and those who use it claim it outyields any other variety, and it grades high in quality.

There is also soft Federation wheat, for fall or spring sowing, and the hard federation for fall sowing only—its use increasing, and it turns out a high quality wheat for the market.

65 Bushels to Acre

Two farms in the Oak Grove section of that district this year produced respectively 60 and 65 bushels to the acre of Rolland wheat. These yields were on the Park and Farmer places. Many farmers of that section have been producing 40 to 50 and more bushels of the Rolland variety of wheat to the acre.

The grey oat is a high quality fall oat, and for early spring sowing.

Our white oat is mostly of the Shadeland type, of which there are several varieties; also the white Russian, the Banner, the Probest, the Swedish select, and others; also the Three Grain oats. We have also a new milling oat, the Kanato. It is a brown oat, doing well here, making a high quality product.

Best barley is the Hanchen; principally spring sown, some in the fall. We use also the blue blossom barley, for spring sowing. We use a good deal of rye for sowing, green feed, and pasturing; usually winter sown, though spring sown rye does well here.

Three Years Prices

The annual Oregon numbers of the Statesman for grain and grain products quoted the following prices for the past two years:

For 1926: Wheat \$1.20 to \$1.23 a bushel; oats 40 to 45c a bushel; barley \$26 to \$28 a ton, and rye \$1 a bushel.

For 1927: Wheat \$1.18 to \$1.19 a bushel, oats 50 to 55 cents a bushel, barley \$37 a ton, and rye \$1 a bushel.

The prices in Salem right now run like this: Wheat around \$1 a bushel; oats 50 to 53c; barley \$32 a ton, rye around \$1 a bushel.

Thirty years ago furfural was a chemical curiosity selling for \$30 a pound. Agricultural chemists found a way to manufacture it from corn cobs and other farm wastes. Now it sells for as little as 10 cents a pound in quantities, is used in manufacturing synthetic resins, solvents and insecticides, and agriculture is getting some return from a waste.

Cherry City Milling Co. Has Important Place In Industries of this City

Large Feed and Flour Line Meets Increasing Needs of Salem District

The Cherry City Milling company has for a number of years occupied an important place in the industrial life of the capital city. Ross C. Bidwell, who has had charge of these operations since December, 1925, was chemist and milling superintendent for the great Sperry Flour company for fifteen years, before coming to Salem.

Old Plant Burns

On July 12th, 1925, fire destroyed the old plant of the Cherry City Milling company, at the corner of Trade and Church streets.

But P. W. Geisler, then manager, was on the job immediately and preparing to carry on. The warehouse property at the corner of Trade and High streets was secured, rebuilt, and additions provided for. Within 60 days, the feed part of the company was in better shape than before the fire, and the warehouse facilities were as great, even larger.

Mr. Geisler is still interested in the business, but the state of his health requires outside work, and he is giving a good deal of his time to his real estate.

Besides the Salem plant, the Cherry City Milling company has the warehouse at Derry, Rickreall, to accommodate the business on the west side of the river. The new mill in Rickreall has much more modern machinery than the old; automatic scales, etc., etc. It is designed to do a lot of work in a small floor space. It is self contained. The feed mill has 100 tons capacity and the flour mill 75 barrels capacity.

This company makes molasses, stock feed and many other specialties in stock feeds.

Flours and Feeds

The flours are principally the Oak Blends, a hard wheat bakers' patent, and Cherro Bakers; Cherro patent, a hard wheat family flour, and Economy and Perfection for pastry, and Cherro Graham and Cherro whole wheat flour for dark breads.

They also make Cherro rolled oats, Cherro panake flour, Cherro wheatola, etc.

In feeds, they go far, in numbers and in territory served. In poultry feeds, they make Cherro and Capitol scratch feeds, Cherro growing scratch, Cherro chick feed, Cherro egg mash, Capitol egg mash, Cherro egg builders, Cherro chick mash, Capitol development mash, etc.

Have Many Lines

In dairy feeds they make Cherro cow chow, Cherro molasses feed, Cherro mixed feed, and they also make Cherro hog chow. They also carry many poultry

Stevens Family Thinks Oregon Best After All

ZENA, Ore., Sept. 1.—(Special)—Mr. and Mrs. Milton Stevens and family returned from Oklahoma last Sunday. They made the trip by automobile.

They were much disappointed with the southeast and say they are now willing to stay in Oregon.

Mr. and Mrs. E. Forgard and daughter Ruth were Sunday guests of the J. S. Worthington family.

The Misses Jessie, Alma and Zella Smith are working in the 12th street cannery in Salem.

Miss Verma Smith will spend the winter with her sister, Mrs. Vernon McPimmmonds of Jefferson and attend high school at that place.

HEAVY GRAIN YIELDS SEEN

Winter Oats and Wheat For Salem Section Run Into Good Figures

This was not a bumper crop year for grain in the Salem district. The dry season was too long though it made a good harvest season. But there have been some good yields, on good and well tilled land, Ross C. Bidwell, manager of the Cherry City Milling company's plants, said yesterday that he had been too busy to take note of many outstanding yields. But he remembered some.

For instance, O. H. Hillflicker, four miles out on the Silverton road, harvested 60 bushels to the acre of white spring oats on his own land, though he got only about 10 bushels to the acre on some rented land next to his own. The difference was in the land and its former care.

Nearly 60 Bushels Wheat

The Oregon penitentiary harvested 58 and a half bushels to the acre of White Holland wheat, on 13 acres.

The White Holland wheat is a new variety of winter wheat, that has been in the great favor in Polk and Yamhill counties. It holds up well and does not shatter.

Harvey Walker, Route 9, Salem, in the Middle Grove district, this year threshed 60 bushels to the acre of gray winter oats.

Peter Zielinski, Route 9, Salem, got 75 bushels to the acre this year. Ralph Worden, a neighbor of Zielinski's, got 88 bushels last year.

A good deal of spring barley is yet to be threshed. Some yields of 40 bushels to the acre have been reported. The average is 30 to 40 bushels. Pence brothers, Rickreall, this year got as high as 50 bushels to the acre, and it runs 54 pounds to the measured bushel, against the standard for barley of 48 pounds to the bushel. This 54-pound barley shows wonderful quality.

East Side, West Side

Out Pratum way, the Dunnigan boys got 700 bushels of Kinney (spring) wheat from 16 acres. They got 40 bushels to the acre of gray winter oats, too.

The Roth boys, in the same neighborhood, also got 60 bushels to the acre of the same variety. They use a combine.

Around Rickreall, the spring barley average is being going for 40 bushels to the acre. Wheat over there has been running from 24 to 38 bushels to the acre. The Pence brothers have threshed 38 bushels to the acre from large fields.

Around McCoy, Polk county, there are many good farmers. E. A. Rutledge, of that neighborhood, threshed 45 bushels to the acre of white winter wheat.

PROGRESSIVES OPPOSE SMITH

CHICAGO, Sept. 1.—(AP)—Assurance that Herbert Hoover, republican candidate for president, will carry the state of Iowa, was given the republican national committee by Senator Smith W. Brookhart in a statement issued Friday.

"If not a single republican went to polls in Iowa, Governor Smith still would fail to carry the state and Mr. Hoover would receive a majority of votes," said the senator.

"The progressive democrats without aid from the republicans are strong enough in Iowa, to defeat the Al Smith democrats."

"The progressives are almost unanimous in their support of Mr. Hoover, as far as the farm question is concerned. Mr. Hoover has made his position clear. The farmers are beginning to understand him and with that understanding is coming friendship and admiration."

Word also was received by republican headquarters from party leaders in Arkansas, that the Hoover-Curtis ticket is gaining adherents in that state. Osro Cobb, secretary of the Arkansas state republican committee wrote: "You will be pleased to know that sentiment is rapidly crystallizing in this state for Mr. Hoover. A great many local political students and observers are classifying Arkansas as doubtful."

Talking of seed, think of what the J. W. S. pedigreed flax seed is going to do for that industry in the Willamette valley. It will increase the possible production of fiber per acre more than four fold. Yields of fiber of 1000 pounds to the acre will be common, and 200 pounds will be reached against 150 to 200 pounds with the old varieties of flax.

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JENKIN WHEAT FACTS GIVEN

Information Given Out For Benefit Of Farmers Of Oregon

The department of industrial journalism of the Oregon Agricultural college furnishes the following information: "Jenkin wheat has again been the high yielding fall sown wheat in the varietal trials at the Oregon experiment station at Corvallis. Over a seven year period it has averaged considerably higher yields than any other variety, and only in 1925, following an exceptionally cold winter, did it show a reduction."

"At the eastern Oregon station at Moro a new hybrid which is a cross between Hybrid 128 and Forty Fold gave the heaviest yield this season. It is a new production and has not yet been distributed for commercial trial. Khar-kof, a strain of red, red, out yielded other commercial winter wheats as usual."

Favored For Planting

"Jenkin, which is a favorite for planting in western Oregon, is a true spring wheat, but can be seeded in either the spring or fall. It is rather late maturing when spring planted and is not as satisfactory as some other varieties such as Huston and Marquis. For late winter and early spring seeding it is much safer than any of the true winter types such as White Winter and Holland, as these varieties will not head when planted after a certain date in the spring."

"Smut is reported as not nearly as serious over the state this year as usual. Terminal warehouses and elevators in Portland say that crop now coming in is the cleanest in years in this respect."

Acreage Estimated

"Prospective winter wheat acreage for the coming year has already been estimated by the United States department of agriculture. From reports of nearly 20,000 farmers as of August 1, the department estimates the acreage at 2.1 per cent less than was sown last fall and about 6 per cent less than was indicated in the intentions to plant report of a year ago."

"This report is not a definite forecast of the acreage, but merely an early indication of the trend. Western states in general show a tendency toward a slight increase."

INGRAMS PURCHASE FOOD SHOP, ALBANY

SILVERTON, Ore., Sept. 1.—(Special)—Mrs. A. C. Riches of Longview spent Thursday with her mother, Mrs. John Warnock, of east Main street.

Mr. and Mrs. Warren B. May of Anacosta are the house guests of Mr. and Mrs. George Steelhammer. Mrs. May is Mrs. Steelhammer's sister.

Mr. and Mrs. Floyd Ingraham were in Silverton for a few hours on Thursday afternoon. They announced that they have purchased a delicatessen shop in Albany which they will take possession of immediately.

Mrs. Woolford and sister Mrs. Kinney will spend Friday in Oregon City with their mother, and Sunday they plan to make the Mt. Hood loop trip.

Albert Mikkleson is building a large new barn on his farm near the Bethany school.

Mr. and Mrs. T. E. Preston are motoring to Lakeside, Oregon, to spend Labor day with Mr. Preston's brother, William Preston.

Many trees, shrubs, and plants contain rubber, and if proper methods of extraction can be devised may be grown as crops.

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GRAIN GROWING IDEAS VALUABLE

Suggestions Offered By O. A. C. to Make Problems of Farmer Easier

The following general grain growing information comes from the department of industrial journalism of the Oregon Agricultural college:

"Time of seeding fall wheat may often be a factor in controlling weeds. Wheat which is seeded early will fall its seed in the soil with annual weeds in some parts of Oregon. Weed infestations can be materially reduced by cultivation of the seedbed in the fall and delaying planting until many of the weeds have opportunity to germinate. In most seasons in Oregon, planting can safely be delayed until October 15-20. In date of planting trials with winter wheat by the Oregon experiment station at Corvallis, this date of planting has given the highest yields in comparison with earlier and later seedings."

"Wheat, which is seeded early in Oregon, is often more heavily infested with weeds, while that planted much after October 20 generally does not have an opportunity to become well established."

"Grain from sweet sorghums is not as good a cow feed as that of the real grain sorghums such as Milo and fetetera. These grain sorghums have about the same composition as corn, finds the experiment station. They are ground before being fed."

Less winter injury and better stands result when vetch and grain are seeded with a drill rather than broadcast and harrowed in the fall, finds the experiment station. A 50-50 division of the seed is usually used with some variation according to the use to which the forage is to be put.

Wheat not suitable for threshing is sometimes stored away after binding and fed by poultrymen as scratch feed in winter. Grain fed this way furnishes an abundance of litter. Some cracked corn with the wheat makes the feed more complete, finds the experiment station.

United States grades for hay are official in Oregon for alfalfa, clover, timothy, prairie, and grass hay. The grades are simple, they are workable, and they indicate the quality of the hay remarkably well, finds the experiment station which says producer, consumer, and dealer use them in all transactions involving the sale of hay without opportunity for examination by all parties. Feeding trials conducted by the U. S. department of agriculture indicate that the feeding value of hay corresponds closely to the value indicated in the grade statement.

About the only organized business that still contrives to escape government meddling is crime.

If sodium nitrate is applied to wheat at the time of heading, the protein content of the grain is increased. Where farmers can secure the premiums millers are willing to pay for high protein wheat, this practical crop chemistry may prove profitable.

Never Too Much Grain

THE Salem district will never grow too much grain, though it may grow too many acres without proper rotations. In perhaps 15 years, the United States will be a wheat importing nation—

And there will always be a good sale for our high quality milling oats; the best grown in this country; the heaviest to the measured bushel. This is in the nature of a franchise crop here.

We will not raise too much corn, for silage and hens and hogs. And barley and rye will always be good crops for this district.

This was in pioneer times a good grain country. It is yet—but not for straight grain cropping, and no country is, outside of the Nile valley and other sections subject to annual overflow.

We produce 63 commercial varieties of wheat; 12 would be a "great plenty."

We should manufacture breakfast foods in Salem. We have the preferred quality of oats, and we can grow all the other raw materials. We have the power and everything else requisite excepting the vision brought into action.

Ross C. Bidwell, of the Cherry City Milling company of Salem, is a high class man in our cult of feed experts. His work in Salem is valuable. We need a lot of Ross C. Bidwells, and others of his qualifications, who could put Salem far on the way towards being a grain and milling and feed center that would stand out in this country.

FARMERS OF OREGON PLAN ANNIVERSARY

The celebration of 100 years of Oregon agriculture at Champeoer park on Labor day has caused a delving into history to reveal the various agencies aiding in the progress of farming in this state. Recognizing the vital part played in the last 50 years by the Oregon Agricultural college at Corvallis, the Oregon Catholic Rural Life conference which is sponsoring the celebration asked Paul V. Maris, director of the extension service, to sketch the 100 years of agriculture in this state. Following is a few historical facts regarding beginnings and growth of agricultural education here.

First Class Taught

The first class in agriculture on the Pacific coast was taught in old Corvallis college in 1869-70, presumably by Professor Joseph Emery, teacher of mathematics and natural science.

The state of Oregon gave no financial aid to the new type of education between 1868, when Corvallis college was selected to receive federal aid, and 1885 when the college was taken over entirely by the state.

Chemistry, physics and geology were declared to be the foundation of agricultural education in the catalogues. The first two-year curriculum outlined permitted German to be substituted for either entomology, zoology or animal physiology.

The experiment station in this state was started in 1888. The first report, dated 1889, was signed by E. Grim, director and agriculturalist.

Ladd Is Chairman W. S. Ladd of Portland was chairman of the board of regents in 1889 and Sylvester Pennoyer Penrose was governor. Dr. J. K. Weatherford, present president of the board, was then the youngest member.

A. B. Gordley, present dean of the school of agriculture, joined the staff in 1895 and began experiments on fruit disease and pest control. He developed lime-sulfur spray and discovered the cause of anthracnose.

When Dr. W. J. Kerr was made president in 1907 he reorganized the school of agriculture and selected Professor Cordley as dean. The extension service was not started until 1913. Paul V. Maris has been director for eight years.

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THIS WEEK'S SLOGAN

DID YOU KNOW That the Willamette valley produces the best oats in the world for milling purposes, and the heaviest oats in the world to the bushel or sack measure; that the great breakfast food manufacturers of the east know this, and would pay still better prices to our farmers if they would organize and improve the quality still more; that this section ought to raise more wheat, too, and more barley and rye, always in rotation with clover and corn and other crops; that there ought to be more general selection of seed, and more drainage practiced, and more tilling and more irrigation; that Salem is now a good grain market, and should be a much better and bigger grain market?

Dates of Slogans in Oregon Statesman

(With a few possible changes) Loganberries, October 6, 1927 Prunes, October 13 Dairying, October 20 Flax, October 27 Filberts, November 3 Walnuts, November 10 Strawberries, November 17 Apples, Figs, Etc., Nov. 24 Raspberries, December 1 Mint, December 8 Beans, Etc., December 15 Blackberries, December 22 Cherries, December 29 Pears, January 5, 1928 Gooseberries, January 12 Corn, January 19 Celery, January 23 Spinach, Etc., February 6 Onions, Etc., February 12 Potatoes, Etc., February 19 Bees, February 26 Poultry and Pet Stock, Mar. 4 City Beautiful, Etc., March 11 Great Cow, March 18 Paved Highways, March 25 Head Letters, April 1 Silos, Etc., April 8 Legums, April 15 Asparagus, April 22

Grapes, Etc., April 29 Drug Garden, May 6 Sugar Industry, May 13 Water Powers, May 20 Irrigation, May 27 Mining, June 3 Land, Irrigation, Etc., June 19 Floriculture, June 17 Hops, Cabbage, Etc., June 24 Wholesaling, Jobbing, July 1 Cucumbers, Etc., July 8 Hogs July 15 Goats, July 22 Schools, July 29 Sheep, August 5 Seeds, August 12 National Advertising, Aug. 19 Livestock, August 26 Grain & Grain Products, Sept. 2 Manufacturing, Sept. 9 Woodworking, Etc., Sept. 16 Automotive Industries, Sept. 23 Paper Mills, Sept. 30 (Each copies of the Thursday edition of The Daily Oregon Statesman are on hand. They are for sale at 10 cents each, mailed to any address. Current topics 5 cents.



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