

cured, rebuilt, and additions pro- cars a month of corn, grinding vided for. Within 60 days, the and cracking it. In her paper mill, in the per mills and her sugar factories that Mr. Geiser is still interested in are coming, Salem is getting some

is now a good grain market, and should be a much better and bigger grain market?

St. James river, where they live made three cuttings. The first and are proposing to irrigate crop brought two and a half tons. as about the same as those found the second two tons, and the third

ity commanded an extra price. good spinach. Nearly every one They also harvested some fine

Durbin & Son of the Meadow-

lawn dairy, on their Salem prair-

ie farm a couple of miles east of

the Salem city limits, produced

this year some great red Kinney

of the Roth family out that way

who are farmers, have this year

had great crops of red Kinney

ers grow mostly Prohi wheat. Al-

most all of Macleady fad an es-

88 Bushels to Acre

Ralph Worden, in the section

east of Chemawa, produced 88

bushels of oats to the acre this

C. M. Bailey, in the same sec-

tion, threshed 86 bushels of oats

to the acre. The average yield of

oats in that section this year was

pecially good crop this year.

fine crop of grey oats.

ter wheat,

wheat.

wheat.

Hannchen barley and white win- should eat spinach, at least once a

John Roth, on Route 7, east of spinach every day in the year;

In the Red Hills district, and ig thing might be extended to the

Amort & Patton, in the same definite flood control plan there

neighborhood, raised 40 bushels to will have arisen the task of con-

the acre of Prohi wheat, and a trolling a flood of oratory. -De-

farther.

the Waldo Hills section, the farm- surrounding towns, and much

Salem, and all the other members plant the seasonal varieties. Da

feed part of the company was in a and the warehouse facilities were as great; even larger.

he is giving a good deal of his ant of the present day. No other time to his real estate.

Cherry City Milling company has industries. the warehouse at Derry, to accommodate the business on the west side of the river. The new mill has much more modern machinery than, the old; automatic scales, etc., etc. It is designed to to 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 Blend, a hard wheat bakers' flour, and Cherro Bakers; Cherro patent, a hard wheat family flour, and Economy and Perfection for to The Statesman the following pastry, and Cherro Graham and valuable preliminary bulletin on Cherro whole wheat flour for dark the "Peat Lands of Oregon," by breads.

They also make Cherro rolled stitution:) oats, Cherro pancake 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 development mash. 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 and dairy specialties.

They deal in feed wheat, ground wheat, seed wheat, and seed oats and rolled and ground oats in all the usual lines. Also make up harley and corn in all the various ways, and of course have mill run. bran and shorts.

They also deal in vetch and clover seeds, and they do custom cleaning of these seeds.

A New Poultry Feed Throughout the east and south,

the leading poultrymen have been carrying on experiments in feeding, under the direction of milling chemists and experiment stations. This work has been especfally active in Ohio. The idea was to bring out a mash with the propdients for building an egg. furnishing the flesh and with scratch feed, which is wasteful and has to be fed at certain way of the poultryman, and ties

Mr. Bidwell followed these ex- The reaction of the Upper

class of people can do more good Besides the Salem plant, the here in the development of our

LABISH PEAT LAND STUDIED BY EXPER

Brief Survey Completed These Lands in Several Sections of State

(The department of industria ournalism of the Oregon Agricultural college has just furnished Prof. W. L. Powers, of that in-

A brief survey has just been completed of the chief areas of organic soils or peat lands in this state in company with Dr. Alfred P. Dachnowski-Stokes of the U. S. department of agriculture, one of the leading peat experts of the

fine.

Lake Labish, the silt in-wash helps

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world. Some fine specimens of different kinds of peat have been collected for exhibit and laboratory study. The peat in the Lower Klamath

marsh contains a coarse, brown, fibrous material in the surface soil which is a residue from tules and some sedges. The second and third foot is well decomposed and at an average depth of 21/2 to 3 feet a sedmentary muck is ea-

countered composed largely of to make this a fairly well balanced colloidal material derived from soil and suitable for trucking organic and inorganic sources. This material is cheesy when wet and horny when dry. The color when wet is gray and when dry is almost white. This material

was formed in shallow water largely from the boat-snaped siliceous shells of microscopic growth popularly called "diatoms" and the resulting material is diatomaceous earth. The soil, when subdued and provided with drainage and supplemental irrigation to control moisture, is very suitable for

forage crops such as Alsike clover and timothy. Soundings were taken in Upper Klamath marsh opposite Rocky Point and the peat here was found to extend to a depth of 18 feet. health requirements-to do away Much of this accumulation is from sedges or flat leaved water grasses and at a depth of 7 to 10. is and takes the time and feet the same sedimentary distomaceous material is found as aim down and makes him un- that which occurs in Lower Klam-

Albany Washington-Puysilup, I

better shape than before the fire, son of Mr. Bidwell, and in other Klamath marsh is practically neu- when market demands develop. thing they have more rainfall in industries including her linen tral and where the elevation is Shrinkage cracks in this soil, due the summer months than we have favorable these lands can be re- to the shrinkage of colloidal or- here, but they say "it is not declaimed for forage crops. Dr. ganic and clay material, can be pendable, and we want results we the business, but the state of his high class men in the industrial Stokes was much impressed with largely avoided by the use of can depend on, and to have that the business, but the state of and depend on, and to have that health requires outside work, and chemical world, the most import- the good system of water control ground limestone, and two tons, we must have water for our crops for irrigation and deep drainage an acre would be a suitable in- when the crops require it. And so on the large marsh reclaimed by itial application, according to Dr. we are going to irrigate as a sup-Geary Brothers and stated that in Stokes.

all his travels over peat lands in America and Europe he had not seen a more model, large scale development

Lake Labish "Beaver Dam" pine, alder, and Peat on the famous Lake growths. These resinous or hard abish, north of Salem, is woody, derived from willows and related and are in a less decomposed con- meadows along the St. James rivgrowths and these residues are in dition than in the other kinds of er, and he will pump from that an advanced state of decomposi- peat examined. There is a con- stream. Mr. Powers showed them tion so that they can be readily siderable admixture in places of the alfalfa grown on the expericut through with any sharp in- sedge and sphagnum moss resi- mental farm and told them he strument. Below the surface soil dues. The deep subsoil is largely could grow four tons to the acre of woody peat is a fine fibrous sedge peat. Soundings taken to sedge peat in which at a nine to a depth of 18 feet did not reach the acre with irrigation, and the

10 feet depth is a layer of marl the bottom of the peat accumula- cost of the irrigation is about \$3 from shells. In this marsh sound- tion on the marsh at Delmoor. per acre. He also told them that ings showed an accumulation of This peat was regarded as very peat over the normal mineral soil suitable for cranberry culture, and the yield of beans three bushels as much as 17 feet in depth. On the growth of cranberries comaccount of the presence of a woody pares very favorabaly with that of per acre. peat of a fibrous but soft, readily northeastern states, according to decomposable character and the Dr. Stokes. The weed problem on presence of lime in the form of these marshes is a serious one and marl and the depth of this bog, control of the water loving weed it is regarded as of very good qual- growth could be simplified if the ity, and these things explain its outlet drains could be deepened

remarkable productiveness. The and some additional interior or growth of mint and onions Dr. under drains provided. Stokes regarded as exceptionally More Study Needed

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Samples collected should help Samples taken from the Beaver in determining the origin, chardrainage district near Clatskanie | acter, and methods of utilization in Columbia county show that the of these lands and should help peat there is largely from sedges correlate them with the estabwith some willow residues and lished classes of peat lands of the some silt in-wash, especially in the world. Further investigations are surface layers. This peat was of needed to direct the fertilizer pracfair depth, the normal soil being tice with special crops such as encountered at about the 7 foot mint and onions on these lands. level. While less decomposed and Studies are planned of the soil of less depth than the peat on

Phone 689.

in the Willamette valley. If anya ton and a half to the acre, and there is a fourth crop coming on, and looking very fine and thrif-

They grow Hannchen barley. and this year got about 40 bushels to the acre; 3000 sacks of if They grow spring Federation wheat, and have harvested 30 plement to our summer rainfall. bushels to the acre; 3000 bushels

The peak bogs near Astoria, Mr. Locher, the rancher, already had in 50 acres of alfalfa, and such as at Delmoor, were found to be derived from woody material this year had put water on 15 acres and found the results so such as the residues from spruce. associated

pleasing that next season he will increase his alfalfa acreage to 200 materials are slow to decompose acres. His ranch lies in the low without water, and seven tonse to with irrigation he could increase

> per acre and potatoes 90 bushels The visitors go from here to the California State Farm at Davis, California, and thence to southern California.

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their land is muck land, and it

requires a strong pull in plowing,

hence the use of the tractor. Some

farmers would make a failure of

their operations on this land, but

the Pences work it in ways to ren-

der it very productive. They will

experiment with new implements.

to get below the hard pan. They

will increase their herd of sheep.

this year. They will breed more

hogs, when grain prices are low-

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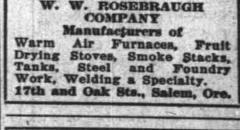
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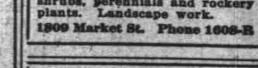
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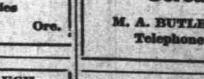


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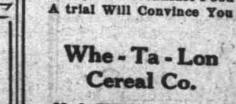


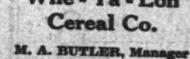


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