

DAILY CAPITAL JOURNAL.

MEN WHO MAKE SALEM PROMINENT

Interesting Stories of Various Advantages to Be Found in the Capital City

What the Reporter Saw and Heard While Visiting the Stores, Offices and Industrial Plants of Salem.

HOW FLOUR IS MADE. An Interesting Description of the Process in a Local Mill.

Bread is the staff of life. Without it the human family would be hard put to it for daily food. Take the loaf from the table, and half the people of the United States would go hungry. No other food is so cheap. No other food gives as much nourishment for the same price.

The foundation of all bread is flour. And all good bread depends for its quality on the quality of the flour used. Very few people understand the methods by which the flour is made from wheat, and it was with this idea in view that the Journal representative had a chat the other day with Mr. W. P. Babcock, agent of the Salem Flouring Mills Co., under whose management these mills have had a very prosperous season.

After a general talk on the flour market and the various places to which the Salem Flouring Mills ship their product, Mr. Babcock made a trip through the mill and gave a very interesting description of the various processes through which the wheat went before it was turned into flour.

Through the Mill.
Commencing with the reception of the wheat at the mill, an inspection of the entire mill was made, and the wheat traced from the car, team or boat to the flour sack and back to the car again.

The Salem Flouring Mills are so situated that they can receive their wheat by water, rail or team. Teams are used by farmers living too close to make it necessary to have the common carriers handle it. For the purpose of receiving the wheat the mill has two warehouses. On these is next the railway track, and has a capacity of 125,000 bushels. At this warehouse all grain brought by rail or team is received. Next the river a smaller warehouse of 40,000 bushels capacity receives the wheat arriving by boat.

How Wheat is Cleaned.
After the wheat has been received at the mill it is turned into the first set of cleaners. Here the roughest of the dirt, such as sand or grains of another variety, are taken from it. It then goes through a second set of cleaners, and there is thoroughly cleaned for manufacturing into flour. After this second cleaning, the wheat goes to the first set of rollers, where it is crushed and partly ground. All of the machinery in the mill is from the Nordyke-Mormon Co., and all of it is of the latest model. The mill has altogether seven stands of rollers for the grinding of flour, besides equipment for handling bran and shorts, and other by-products of the flour.

When the wheat has gone through the first grinding process, it goes to the sifters, of which there are three, one swing and two square. These sifters are on the third floor, and separate the bran and shorts from the partly ground wheat. The bran and shorts are then carried to bins, from which pipes lead to automatic sack fillers.

The Last Grinding.
The wheat is then carried on to the last set of rollers, where it is ground to the necessary fineness. The mill manufactures several grades of flour, and it is in these last rollers that the grade is determined, according to the degree of fineness to which they are adjusted.

After the flour has been ground it goes to a number of large bins, from

whence it is fed into automatic feeders. These feeders are so arranged that when 49 pounds of flour has been put into the sack they stop the feeding until another sack has been adjusted to the funnel. So closely do these feeders regulate the supply that they very seldom vary two ounces from the exact weight. Each sack as it comes from the feeder is put on a scale, and any variation from the correct weight is noted and corrected. The sack is then sewed and ready for shipment.

A feature of the Salem Flouring Mills that strikes the visitor is the large number of wooden tubes running from floor to ceiling on each floor of the building. When asked about them, Mr. Babcock explained that the larger ones (about 8 inches wide by 4 inches deep) carried the wheat automatically from the warehouses to the different machines. Others were used for conveying the bran and shorts, others for carrying the flour. It is unnecessary to touch a hand to the wheat from the time it leaves the warehouse until it is in the flour sack.

A Mill Without Dust.
But there were a number of smaller tubes that were not used for either of the above purposes. These were dust carriers. By a system used in the mill, all dust is carried from the machines to a central point on the upper floor, and from there taken automatically to the basement. Dust has been eliminated from the mill, and no one going through need fear for his clothing.

The mill is run by water power, a force of 300 horse-power being developed from the mill race which passes through Salem and into the mill. With this power not only is all the machinery of the mill operated, but the company also operates its own electric light plant, thus economizing very much when night work is necessary to fill orders.

Wild Rose Flour.
The mill has a capacity of 300 barrels of flour each day, and ships flour to all points of the Willamette Valley. For this business, Mr. Babcock explained, they manufacture a special brand of flour of higher grade than that made for export. They have given to this quality the name of **WILD ROSE FLOUR**, and it is handled by every grocer in Salem, as well as by the great majority of dealers in Marion and the neighboring counties. Everyone who uses it recommends it very highly, and the demand for it is steadily increasing. It is also shipped to points outside the state, even as far as British Columbia.

For export purposes the Salem Flouring Mills make several grades of flour, and these are put up under different brands. A few names, selected from a large number, are the following: Pagoda, Snow Flake, Salem Steamer, Eagle, Rooster, Stork and Green Girl. China and Japan are the principal foreign markets supplied.

The mill is also equipped with a barley roller for rolling feed barley, and the farmers have found this a great convenience. As a protection against fire, standpipes in each building lead the water from the city water system to the roof, thus enabling the firemen to get water to any part of the buildings very quickly.

Mr. Babcock is to be congratulated on the splendid manner in which the business of these mills has been built up, and the successful way in which it is handled. The output this year has not been as high as usual, owing to the shortage in the local supply of wheat and the impossibility to secure cars from the railway for transportation of wheat from distant points.

A Modern Livery Stable.

One of the places that indicate the substantial progress being made in Salem is the Fashion Stables, on High street, directly opposite the courthouse. These stables were formerly known as Simpson's Stables, but since Mr. Chas. W. Yanke has rechristened them they have had a continually increasing patronage.

Owing to the necessity for more room Mr. Yanke has lately made a number of improvements and additions. The stables have been renovated throughout and so arranged that the work can be done to much better advantage than formerly. This insures patrons the quickest possible service. If one is to judge by the large number of horses to be seen in the stalls every day, the traveling public has not been long in finding this out.

Mr. Yanke has also been adding to his equipment for livery purposes, and it will be hard to find a more up-to-date lot of buggies and carriages or a better stable of stylish horses. The cab service connected with these stables has always been popular, but Mr. Yanke is in a better position than ever to give prompt service in this department of his business. He also makes a specialty of funeral turnouts, and knows just what is needed on such occasions.

It will be interesting for anyone who has the time to pay a visit to The Fashion and see what a modern stable looks like. Such a visit will afford the opportunity of seeing some splendid driving horses. Mr. Yanke has a large patronage from commercial travelers, who go from Salem to the surrounding towns by team.

A Salem Brickyard.

Situated on the outskirts of the city, the Burton Brickyard has grown steadily in favor with the building public each year. The past season has shown a substantial growth in the business of this firm, and under the management of Mr. A. A. Burton it has largely increased its output. The brick manufactured are of a very high quality and are sought for by contractors for use in the larger and better class of buildings.

During the season of 1905 Mr. Burton turned out 1,800,000 brick employing a force that varied from 16 to 20 men. During the coming season he expects to manufacture not less than 2,000,000, and probably more, as the outlook for new buildings in various parts of the county is good.

Among the buildings erected this year to which Mr. Burton furnished brick are the new Salem High School building, 350,000 brick; the new medical college of Willamette University, 220,000 brick; the Ames building at Silverton, the new bank building at Jefferson, and several of the new brick blocks at Woodburn, besides a large number of smaller houses.

CHAS. H. HINGES

HAS REOPENED HIS NEW STORE AND IS NOW PREPARED TO SERVE HIS OLD AND NEW PATRONS IN THE MOST UP-TO-DATE MANNER. HIS STOCK IS ENTIRELY NEW, BEING SELECTED WHILE MAKING VISITS TO THE FACTORIES IN HIS VARIOUS LINES. HE HAS ADDED A COMPLETE LENS GRINDING PLANT FOR THE SPEEDY DISPATCH OF ALL SUCH WORK IN COMPLICATED LENSES AND FRAME FITTING. OUR WATCH AND JEWELRY REPAIR DEPARTMENT IS THE LATEST IN THE CITY. WHEN YOU NEED WORK MADE IN ANY OF THESE BRANCHES TRY US.

REMEMBER IT IS THE NEW STORE, NEW FIXTURES, NEW OPTICAL METHODS, NEW STYLES.
123 COMMERCIAL STREET.
NEXT DOOR TO CAPITAL NATIONAL BANK.



Owing to the wet weather, the yard is unable to manufacture brick to any extent in the winter, but the long summer enables Mr. Burton to make enough brick to last throughout the year. He always aims to have enough brick manufactured ahead to supply any unforeseen demand that may be made on the plant. His increased facilities this year will enable him to make deliveries still more promptly.

Mr. Burton also manufactures a fire brick that is used quite extensively for hop kilns and fruit driers.

LARGE PRUNE BUYERS. Tilson & Co. Do a Heavy Business With the Farmers.

One of the important supply houses of Salem is that of Tilson & Co., whose store is on High street, opposite the county courthouse. This firm has a very large trade in feedstuffs, both wholesale and retail, and handle these goods at their warehouse, as well as at their High street place of business. They have a railway sidetrack running to their warehouse, and this enables them to handle feed and grain more economically than anyone in Salem. As they buy in large quantities, they are able to meet any competition and to sell at the very lowest prices.

A very important part of the business of this firm is the handling of prunes. During the past four months Tilson & Co. have paid out upwards of \$150,000 to the farmers for prunes and to their employes in the extensive prune packing establishment which they carry on. All this money is put in circulation in Salem and its vicinity, and has materially aided in making the past year a prosperous one.

The prune shipments made by Tilson & Co. go to all parts of the United States and Canada, and their Webfoot brand is known wherever good prunes are sold. Their prune packing plant handles more prunes than any other in the state. A unique feature of the business is that all goods are paid for in spot cash, and those selling to them do not have to wait months before they reach a settlement and get their money. The firm handles large quantities of

potatoes, buying and shipping them at all seasons.

ADVERTISING SALEM. How the Oregon Nursery Co. is Making the Willamette Valley Known.

Notwithstanding the fire that entirely destroyed their packing and storage plant, together with a large quantity of nursery stock, on the night of November 2, the business of the Oregon Nursery Co. is going on as usual, and shipments are being made daily in carloads to points in California, Arizona, New Mexico, and one carload of roses is being loaded for Alabama.

It is surprising how the nursery business has broadened and developed with this enterprising company, their shipments reaching almost every state and province in the United States and Canada.

The average citizen of Salem is not fully informed of the great amount of free advertising our city and immediate community receives from the operations of the Oregon Nursery Company. Every catalogue, card and circular sent out by them puts forth the superior advantages of soil and climate in the Willamette Valley; and while this literature is distributed solely for the purpose of demonstrating the desirability of our valley for the production of nursery stock, at the same time it leaves the impression that Oregon, and the Willamette Valley especially, is a good place to live in. It is a well-known fact that wherever nursery stock grows successfully general farm crops do well, and if it were not true that nursery stock grown here is superior to that grown in other sections, it would be impossible to extend the business as has been done.

We can scarcely expect to become a great manufacturing center in the near future, but in the growth of natural products of the soil we can excel, and it would seem as though the growing of nursery stock and flax for fiber should be encouraged and developed.

It is gratifying to know that we have here in Salem the largest nursery on the Pacific Coast, whose managers have already extended their trade until it covers the whole of North America

where delicious fruits are planted, and whose aim and aspiration is to build up here in the Willamette Valley one of the greatest nurseries in the United States.

THE SALEM FENCE WORKS. A Growing Business.

The Salem Fence Works, owned and managed by Walter Morley, who was the pioneer in the introduction of woven wire fencing in this section, is a busy place. His business is growing rapidly, the output of the past year showing a substantial increase over that of the previous year.

When Mr. Morley first commenced business a few rolls of fencing was sufficient to supply the needs of his customers, whereas now he receives a carload every month during the fence season and keeps a good stock on hand to supply his retail trade and also to ship to twelve agencies in Marion and Polk counties.

Mr. Morley's customers are his best advertisers and friends. His success has been won by handling none but the best fences and selling them at the lowest possible price, coupled with fair and courteous treatment of his customers. Mr. Morley solicits correspondence and will cheerfully answer all inquiries promptly.

SALEM'S WATER SUPPLY. Sufficient for a City Double the Size and Absolutely Pure.

If there is one thing more than another that every person of a community is interested in, it is the water supply. On it depends not only the actual existence, but the healthful existence of a city. Salem is fortunate in having a supply of water remarkable for its purity and practically inexhaustible.

Standing on the shore of the Willamette river, the visitor to Salem looks in vain for the point from which the Salem Water company takes its water

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Capital Business College

SALEM, OREGON

W. I. STALEY, Principal.

A THOROUGH BUSINESS TRAINING SCHOOL, HAVING THE CONFIDENCE AND COMMENDATION OF THE BUSINESS MEN OF ITS OWN CITY. OUR GRADUATES MAY BE FOUND FROM ASHLAND TO SEATTLE AND FROM ASTORIA TO SPOKANE, HOLDING RESPONSIBLE POSITIONS IN THE BUSINESS COMMUNITIES.

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A THOROUGH KNOWLEDGE OF THESE BRANCHES WILL INCREASE THE EARNING POWER OF ANY YOUNG PERSON, AND MAKE HIM A MORE USEFUL CITIZEN.

EVERY YOUNG PERSON NEEDS A BUSINESS EDUCATION, WHICH FACT IS BECOMING ALMOST UNIVERSALLY RECOGNIZED. THE POSSESSOR OF IT WILL MAKE A BETTER LAWYER; A BETTER MERCHANT; A BETTER FARMER, AND TO ENTER BUSINESS SUCCESSFULLY THESE DAYS SUCH A COURSE IS ABSOLUTELY REQUIRED.

THE CAPITAL BUSINESS COLLEGE OCCUPIES 5600 SQUARE FEET OF FLOOR SPACE, AND IS PRESIDED OVER BY EXPERIENCED AND SKILLFUL TEACHERS. THE ROOMS ARE WELL LIGHTED AND WELL FURNISHED.

THERE IS NO BETTER SCHOOL ANY PLACE, AT ANY PRICE, AND LIVING EXPENSES IN SALEM ARE EXCEEDINGLY REASONABLE. SEND FOR CATALOG NOW.