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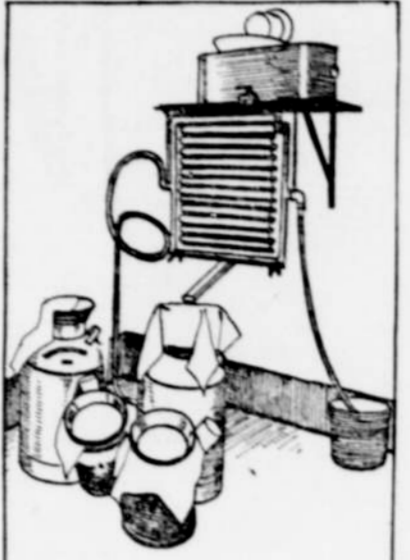
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Gresham Bakery Carries a full line of Home made Bread, Pies, Cakes, Cookies, Doughnuts etc. MRS. CHAS. JOHNSON Main Street GRESHAM, ORE.

A Christian writing from Palestine to the British Weekly says that Hebrew is once more a living tongue in its native soil. Jews from all lands meet in Palestine and, having no other speech in common, fall back upon that of their forefathers and the sacred books. Jerusalem is once more a Jewish city, he writes, now actually containing more Israelites than returned from captivity in the days of Ezra and Nehemiah.



Milk buckets and a milk cooling room in a dairy producing certified milk at Summer, Wash., are illustrated in Hoard's Dairyman, which says: All milk is drawn into buckets covered with cloth strainers, then poured into the tin drum which extends through the wall into the cow room. The milk is received by a trap strainer before reaching the cooler. The cooler is hollow. The cold water runs through the inside and the milk over the outside. The temperature of the water in winter



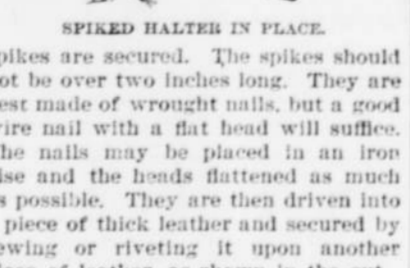
is 40 degrees, and during the summer months a barrel containing 150 feet of coiled pipe packed with cracked ice is used to cool the water before it enters the cooler. With a barrel of this kind the temperature of the water can be reduced to 40 degrees. After all cows are milked the cans of cold milk are taken to the bottling house, which is 500 feet from the cow barn, where the milk is poured through the wall of the bottling room into the mixing tank and after being thoroughly mixed is put in quart bottles at once. The bottles are put in metal cases holding twelve bottles each, and cracked ice is put around the necks of the bottles.

Problems Solved. Dr. L. L. Van Slyke of the New York experiment station gives in his new book, "Modern Methods of Testing Milk and Milk Products," the following useful rules:

To find the amount of cream produced for 100 pounds milk when the per cent of fat in milk and in cream is known, divide the per cent of fat in milk by the per cent of fat in cream and multiply the result by 100. Example—How many pounds of cream containing 25 per cent fat are produced from 100 pounds milk containing 5 per cent fat? Five divided by 25 equals 0.2; 0.2 multiplied by 100 equals 20, the number of pounds of cream with 25 per cent fat.

To find the amount of skim milk for 100 pounds milk when the per cent of fat in milk and in cream is known, find the amount of cream by the rule given above and then subtract this from 100. Example—How much skim milk is produced from 100 pounds milk containing 4 per cent fat when the cream contains 25 per cent fat? Four divided by 25 equals 0.16; 0.16 multiplied by 100 equals 16; 100 minus 16 equals 84, the number of pounds of skim milk.

To Prevent Cow Sucking Herself. There are many devices to prevent cows from sucking themselves. A spiked halter is shown in the accompanying cut from American Agriculturist. A buckle at the upper part behind the ears makes it quite easy to detach it. The cut shows how the



spikes are secured. The spikes should not be over two inches long. They are best made of wrought nails, but a good wire nail with a flat head will suffice. The nails may be placed in an iron vise and the heads flattened as much as possible. They are then driven into a piece of thick leather and secured by sewing or riveting it upon another piece of leather, as shown in the cut. An old halter can be used to good advantage. First drive the spikes in the nose piece as desired; then sew or rivet a piece of leather over the heads of the nails.

At the Front. The unprogressive dairyman fails to realize that the dairy world not only "do move," but is rapidly advancing. Perhaps he is one of the best of the old school, yet is at the tail end of the procession of modern improvement, whereas if he would get out among the alert dairymen of the present and imbibe the newer ideas he might be easily a leader in the front of modern dairy progress.—B. Benjamin, Jr.

of dairying, the serious objections to it being its everlasting 365 days a year job. There is no let up, we may say, night or day, Sabbaths or holidays. All means hard and persistent work in the dairy. But when you come to think of it, what kind of work can you engage in and make money at it that is not an everlasting job without let up, year and year out? As we said before, now that the milking machine is proving a success the great bugbear of keeping milkers on the farm is being removed, and the farmer himself can take heart again.—Home and Farm.

Building Up a Dairy Herd. At present there are two distinct phases of building up a dairy herd. First, there is the building up of the dairy herd of pedigreed animals of some distinct breed, and, second, there is the building up of a herd of useful milk producers by a system of upgrading which ought to be so conducted as to lead up to the former. We are of necessity forced to build up dairy herds, first, because few dairymen at the beginning of these operations have sufficient capital to purchase dairy herds out and out; second, as little more than 1 per cent of our cattle are pedigreed, such animals could not be secured, and, third, dairymen who know their business will not dispose of their best cows unless at fancy prices.—B. S. Shaw, Michigan.

One of the lights of the Paris Academy of Medicine recently entered a sharp protest against reckless operations for appendicitis by surgeons. He says that a physician should first declare the existence of the disease and the necessity for an operation. Surgeons often mistake other and less serious maladies for appendicitis.

FIRWOOD Mrs. Fred Riem of Vancouver is keeping house for Oswald Riem. Mrs. O. Riem is sick in the hospital in Portland. Miss Dolly Alt tolled the sweet sounding school bell for the new fall term beginning September 17th.

Mrs. Anton Malar of Firwood went to Portland last Saturday to attend the funeral of Mrs. H. Malar at Hillsdale, Oregon.

Mrs. H. Hillman of Firwood spent a few days in Portland last week. Miss Irene Ait leaves for Portland the first part of this week where she will finish learning the dressmaking trade.

Miss S. Hillman and Henry Kiesecker made a business trip to Sandy Saturday. Miss Dolly Alt and Mr. Nelson were out enjoying the sunshine after the heavy rain. The sun was rather warm wasn't it Ned?

G. Stuckie has purchased a new horse. O. Riem made a business trip to Portland last week.

W. P. Roberts has his house nearly completed. Mr. and Mrs. Koenickie and daughter Marie were guests of Mrs. Lena Wentland last Sunday.

J. Bell was a guest of Anton Malar, Sr., and family Sunday. Mrs. J. Lampert made a business trip to Sandy recently.

O. R. & N. OREGON SHORT LINE AND UNION PACIFIC 3 TRAINS TO THE EAST DAILY

Table with columns: UNION DEPOT, Leaves, Arrives, and specific train schedules for various routes.

Table titled "RIVER SCHEDULE" showing departure times for various river routes.

Table titled "O. R. & N. Local Schedule Of Trains" showing detailed train times for local services.

Clackamas County GLEANINGS

SANDY. The many improvements in Sandy are attracting the admiration of both old and new residents.

M. McCormick has begun drying prunes. Frank Young, the fifteen-year-old son of Wm. Young, residing near Barton, met with an accident in which he nearly lost his life recently. While visiting the Duncan and Bell families on Sandy Ridge his saddle horse plunged and balked throwing him to the ground head downward and dragging him some distance before W. Relf was able to stop the runaway.

Miss Bertha Oberst recently spent a week with her sister, Mrs. Mae Thomas, and while riding home a few evenings ago met with the unusual experience of encountering a bear near the roadside. Her story of bruin was accepted as a dream, or a black dog, or a stray pig, until on Sunday Wesley Bacon and Fred Gibbons, while hunting, again got a glimpse of "bear" in the timber and chased it to the Sandy where it escaped.

MARMOT. Mr. Aschoff is still quite ill. Most of the boarders left Hotel Aschoff Monday.

Miss Ella Martin came near meeting with an accident while riding a dopykey a few days ago. The saddle turned with her but the gallant Joe Blue was near and righted things.

W. B. Cook is still working on the Mt. Hood ditch. He thinks he will get the water in it soon.

Dick Ten Eyeke has a carpenter at work on his house. John and Gilbert Vanderhoof are about to purchase a new team for the stage route.

CHERRYVILLE Roy Chalker, of Gresham, paid a visit to Cherryville last week.

J. Maroney is putting a new floor in his house. What does this all mean? Miss Mabel Fred and J. Maroney went to Salmon on Sunday.

Some large catches of salmon trout have been reported here the past few days.

V. B. Tapp has bought the crop of prunes on the Cook ranch and is hauling them to his drier at Cherryville.

Mrs. and Miss Friel paid a visit to Sandy Monday.

Ira Flinn has moved into the community with his bride. We all give them a hearty welcome.

School commenced Monday with Miss Blechinger as teacher.

COTTRELL. M. Ball has had his fruit drier in operation during the last week. Prunes have been arriving quite steadily. The prune crop in this neighborhood is quite large, but the recent rains have caused considerable damage by causing the prunes to crack.

Paul Dunn has recently had his residence and several other buildings painted. F. Shanahan did the work for him and will now begin painting a house for Proctor & Beers on the old Scoville place at Orient.

M. Ball's drier is running full capacity now. Prunes are very fair and plentiful.

Ralph Neibauer has made a barrel of cider. Says it is good.

KELSO. School commenced Monday with Miss Anna Buchmann as teacher.

Max Kligel was a Portland visitor last Saturday.

R. Jonsrud made a business trip to Portland Saturday.

Mr. and Mrs. Peter Rath, of George, and Miss Annie Jarl visited Mr. and Mrs. Sandall the past week. Miss Jarl returned to Portland where she will attend High School this fall.

BORNSTEDT'S Money refunded if goods not as represented

An examination of our stock will convince you that we have the best selected stock of GENERAL MERCHANDISE in this neck 'o the woods.

OUTING FLANNEL ABOUT 15 DIFFERENT SHADES Prices from 8c to 12 1/2c a Yard for full width 28 in. Goods Also a Lot of New - Laces, Embroideries, Ribbons, Etc. Also a Full Line of SCHILLING'S GOODS, Baking Powder, Extracts, Spices, Etc., Etc.

Save Money By Ordering your DOORS and WINDOWS through us. **Plenty of Oil, Lead, Paint, Etc. THURSDAY** Is our Market Day. REMEMBER! More Tips NEXT WEEK **BORNSTEDT'S Sandy, Ore.**

The Sandy Hotel CHAS. E. LEWIS Manager **Sandy, Oregon** The Famous Sandy Hostelry Under new management. Pays special attention to commercial and transient trade. **Meals for Automobile Parties** Phone orders promptly attended to. Clean beds. Best of Home Cooking. Prices Reasonable. Feed Stable in Connection.

J. B. TAWNEY, General Blacksmithing, Sandy, - - - Ore. Harrows, Cultivators, Manure Spreaders, Disk Plows and Disk Harrows, John Deere Plows

SANDY STAGE and LIVERY NEWTON ORR, - - PROP. LEAVES Sandy for Boring at 6:30 a. m. and 2:00 p. m. Boring for Sandy at 8:35 " and 4:45 " Schedule subject to change without notice. At Sandy Makes Connections with Salmon Mail Stage. Also makes connection for Aschoff's and meets first car at Boring.

Orland Zeek, GENERAL Blacksmithing AND DEALER IN HARNESS, FARM IMPLEMENTS, BUGGIES and WAGONS Pleasant Home, Ore. **The Douglas Store** Gives a present with every purchase of WOLVERINE SOAP. It will pay you to examine our 4c, 5c, 10c, 15c, 20c, and 25c Candles. We carry a full line of GUN'S, Cartridges, Fishing Tackle, Traps, Etc. California Medicated Soap, Stocking Feet, Underwear Pleasant Home, Oregon.