

THE DAIRY

NEUFCHATEL CHEESE.

Mr. Henry Stewart's Directions for Making the American Neufchatel.

Neufchatel cheese is an exceedingly popular small cheese in the markets of our large cities. It is the American imitation of the French Neufchatel. They are usually made from whole milk, which immediately after being drawn is strained into crocks and treated with rennet. The crocks are then placed in boxes, which are covered with woolen cloth. After having stood forty-eight hours the crocks are emptied into a basket lined with a clean white cloth and "standing over a trough to drain. After twelve hours the corners of the cloth are folded closely over the curds, which thus enveloped are placed within a press and left for twelve hours. They are then put into a strong linen cloth, in which they are thoroughly kneaded and rubbed in every part until the curds and buttery parts are perfectly mixed and made into a homogeneous paste.

If this paste is too soft the cloth is changed until the surplus moisture is withdrawn. If it is too hard and dry more curds are added from that of the next milking, which is now draining. The mold, which is open at both ends, is then rather more than filled with the paste. It is held upright over the table with the left hand, while the top is patted down with the palm of the right hand, so as to completely fill the whole mold. The surplus is then cut away and the little cheese is pushed out from the mold.

The cheese, after molding, is dusted on the two ends with very fine and dry salt, that accidentally remaining on the hands being sufficient for salting the sides. It is then stood on a board, not touching its neighbors, and left to drain for twenty-four hours. The cheeses of this making are then carried to the storeroom, where they are laid on their beds of clean straw on shelves, being placed in uniform rows crosswise of the straw, and lying about the distance of their diameters from each other. Two days later they are turned, each one being rolled half way over; this brings them on to dry places in the straw. Three days later they are turned up on end and stood on the space between the original rows.

After five days they are reversed and placed on their other ends, and here they stand five days longer. They are now sixteen days old, and have become somewhat dry, a skin being formed over them. If they are not now coated with a slight blue mold they are again reversed and allowed to stand longer. When this mold has appeared they are taken to a dry, cool room, where they are turned, and for end, every five days, and they are watched, with much care, as to atmospheric conditions, until they are well coated with a reddish globular mold. If the processes have all been well managed, this mold will appear uniformly on all sides, and the ripening will be equal throughout. After this they are turned less frequently, first once in ten days, and then once a fortnight. At the end of three months they should be sold, as soon after this time they will begin to run.

Well made Neufchatel cheese should be a homogeneous paste, free from granulation and spreading smoothly like butter. They should be of a buttery consistency, with a pleasant, sharp flavor and an ammoniacal odor, but not so pronounced as that of Limburger. The rich, buttery consistency is procured by the addition of some of the cream of other milk of the previous evening, and a little more rennet is then used. The low temperature, the small quantity of rennet and the long, slow curing, with the effect of the mold, all aid in procuring this desirable quality. American imitators of the French cheese would do well to imitate equally well the careful French methods.—Dairyman's Manual.

Dairy and Creamery.
Good butter contains 85 per cent. of pure butter fat.
The new Wisconsin Dairy school graduates this year fifteen young gentlemen who will go out to give their state money and prestige in the cheese and butter business. But where are the girls? Are there no Wisconsin young women to learn this pleasant and paying occupation?

Heifers that are to come in in the fall should run with the dairy herd, taking their places in stalls at feeding time and receiving their bran ration along with the rest.
If a butter maker handles as much as 400 pounds of milk a day he can afford a cream separator.
Dairy farmers in the northwest report that they are making money this year very generally.
Six pounds of butter to the hundred pounds of milk is a good average.
October and November are the best butter making months of the year.
Oats and clover are good milk stimulating foods, because of the nitrogen they contain.
For ensilage, cut the corn in the glazing stage, oats when the grain is doughy.
The fight between "dishorn" and "dehorn" goes bravely on. A new convert to "dehorn" is the gallant editor of Hoard's Dairyman, who is glad to inform his readers that Webster's new international dictionary sanctions this form.
Good advice: Have the cows before you build the creamery.
This fact we commend to farmers and factories having quantities of milk: The hot weather season, which is the poorest time to make butter, is the best time to make cheese.

Duluth in July is exactly the spot for a creameryman's midsummer convention.
W. C. Crawford is now, at the age of eighty-six, living in destitution at Alvarado, Tex. He is the sole survivor of the band of patriots who signed the declaration of Texas independence at Washington, on the Brazos river, March 2, 1836.

What the World Likes.
The world likes to be astonished, not courted. The man who would succeed must rub out all his interrogation marks and put in exclamation points.—Kate Field's Washington.

International Boat Racing.

It is possible that there will be an international rowing match arranged before the close of the rowing season of 1892. For some time past an informal correspondence has been carried on between the president of the Oxford University Boatclub and the rowing men of both Harvard and Yale colleges in the United States. The medium of communication was Mr. Chase Mellin, an old Brasenose man, who is at present residing in the states. The idea was to bring Oxford against the winners of the Harvard-Yale match. Harvard has always expressed a willingness to ratify an international match if such a thing was possible, and the only hitch likely to occur were the locale and the time. In an interview with R. C. Lehmann, the coach of the Oxford crew, that gentleman says:

"The Oxford University Boatclub is very anxious to arrange a match with the winner of the Yale-Harvard match this year. Informal communications have, I believe, come from the other side of the Atlantic, and have been answered by Mr. Fletcher, who is now president of the O. U. B. C."

Mr. Lehmann thought that a race might be arranged on the river Thames, between Putney and Mortlake, in the month of September, and that Mr. Fletcher and his companions expect to get a favorable reply to an open secret. It is a well known fact that a joint committee of Harvard and Yale has favored this project for some years, and it was the intention of the Americans to invite a representative crew of English college rowers to Chicago next season to take part in the national regatta there. It is more than probable that the winners of the Harvard-Yale race will meet the English rowers on the river Thames this year, and then ask for a return contest next year at Oxford.—London Sporting Life.

Worth Twenty Thousand Dollars to Him.

L. N. Locke, of Wayne county, Ind., was formerly an active trader. In May, 1872, he was in Chicago and bought a lot for a small sum. He put the deed in an envelope and placed it in his pocket and he lost the envelope and all its contents. He advertised for it, but really cared only for the money, thinking the lot of little value. John Ritchey, a victim of softening of the brain, was wandering aimlessly on the street the day Locke lost his papers. He found them and laid them away, and even after his death no notice was taken of the supposed worthless papers. A short time ago John Ritchey found the package and gave it to Mr. Locke, and through his attorney his claim has been established. Had the deed remained concealed a few days longer the twenty years would have expired and no claim allowable. It is a lot in the boulevard addition, and the parties occupying it have given Mr. Locke \$20,000 for a quit claim.—Chicago Letter.

Money in Trust for a Cat.

In Paris there is a cat whose future welfare has become quite a question of public interest. The animal belonged to a Mme. Dubrai, and his mistress was so fond of him that she left a sum of money in trust to the mayor of the third arrondissement, in which she resided, for the use of the scholastic fund (Caisse des Ecoles) on condition that a certain amount shall go toward pussy's maintenance. A trusty person is to be nominated by the mayor, who will undertake to house the lucky cat and give him three meals a day, consisting of such delicacies as lights, liver and heart. It is estimated that after this charge has been met there will only be about 200 francs a year left for the fund, and the question now agitating public functionaries is whether that sum is worth the responsibility to be incurred.—Paris Letter.

Queer Antics of Clouds.

Tuesday afternoon, during the rain and hailstorm, a cloud was observed a few miles south of this place that acted very strangely, to say the least. It was quite near the ground and seemed to be violently agitated. Suddenly the cloud seemed to burst asunder, one part going to the northwest and only forty or fifty feet from the earth. One of the sections passed over or through the tops of some tall poplar trees and shaved them off as if a gigantic mowing machine had passed that way. A heavy hailstorm also passed over a narrow strip of country near there, and at Sand Slough there were piles of them still remaining in spots late Wednesday morning. Very little hail fell here, and it was so small as to be scarcely noticeable.—Lemoore (Cal.) Leader.

A Church Shed for Bicycles.

The Center church committee is going to set aside one of the horse sheds as a bicycle shed. Not a few persons who attend the Sunday and week night meetings ride to and from the church on bicycles. Now they have to leave their bicycles outside, where the small boys tamper with them and where, in case of a sudden shower, the machines would be injured. The shed will be inclosed and conveniently arranged for the storage of bicycles. So far as we can learn the Center church is the first in the manchester to provide a bicycle shed.—Manchester (Conn.) Herald.

An Ox Yoke Punishment.

There is an old farmer out in Jersey who has as great a detestation of flogging as was ever cherished by the mikado himself. It was a great shock to him one evening at church when he caught his fourteen-year-old daughter exchanging glances and smiles with a neighbor's son a couple of years older. The old gentleman mused over the problem all night, and finally hit upon an expedient which he only availed of the opportunity to put into practice.

This was not long in coming. As he turned a corner of the road the next day he caught a glimpse of the young couple on the road ahead of him, walking along, hand in hand, and even as he passed, speeches he saw them exchange a kiss. That settled it.

With a few strides he had overtaken the culprits and was marching them off to his barn, which stood in a prominent position close by the high road. A shout brought out the hired man, and in a twinkling the old granger had shipped an ox boy over the victim's heads. Then he seated them on the doorstep and kept them there for one mortal hour, calling the attention of all passers by to "my two calves I'm a breaker in."

At the end of the time he released the prisoners, who made all haste to put as much distance between each other as possible.
And now they don't even speak when they pass by.—New York Recorder.

A WARNING—DON'T USE BIG WORDS.

In promulgating esoteric cogitations or articulating superficial sentimentalities and philosophical or psychological observations, beware of platitudinous ponderosity. Let your statements possess a clarified conciseness, compacted comprehensiveness, coherent consistency and a concentrated cogency. Eschew all conclusions of ostentatious garrulity, jejune habitude and asinine affectations. In trying to impress upon others the superiority of the Wisconsin Central Lines, and why you and so many others use this thoroughfare from St. Paul and Minneapolis and Duluth and Ashland to Milwaukee, Chicago and points east and south, it is not necessary to use jawbreakers. Let your extemporaneous descandings and premeditated expatiations have intelligibility and veracious vivacity, without rhetorical or thesaurical bombast. Sedulously avoid all polysyllabic profundity, pittanceous vacuity, ventriloquial verbosity and vapidiloquent vapidity, shun double entendres, prurient jocosity and pestiferous profanity, obscenity or apparent. In other words, talk plainly, naturally, sensibly, and truthfully say the Wisconsin Central Lines is the route, and that ends it.

This office has been favored with a complete catalogue and price list of the Evergreen Nurseries, of Evergreen, Wis. This nursery is well known throughout the west, having been established by the proprietor, Mr. Geo. Pinney, who has probably distributed more evergreens and forest trees through this state than any other man in the country. Although he raises and sells millions of forest trees annually, his specialty is evergreens. He plants hundreds of pounds of the seeds every year, and now has nearly three hundred varieties on his lists, fully representing the American forest in Europe, which supply the nurseries and parks of royalty. Of course, having such a large trade and growing them in such large quantities, he is able to give better prices for the same quality of trees than any other nurseryman in the country. It is well worth the while of any person to send for his lists.

THE PORTLAND SAVINGS BANK

OF PORTLAND, OREGON.

Paid up capital.....\$250,000
Surplus and profits.....60,000

Interest allowed on savings deposit as follows:
On ordinary savings banks.....4 per cent per annum
On term savings banks.....6 per cent per annum
On certificates of deposit.....6 per cent per annum
For three months.....4 per cent per annum
For six months.....5 per cent per annum
For twelve months.....6 per cent per annum

FRANK BILHAM, President.
D. C. HOBBS, Vice President.
H. C. STRATTON, Cashier.

R. L. Taylor,

PROPRIETOR OF THE

Little Band Box Barber Shop,

—Corvallis, Oregon.—

Shaving, hair cutting, dressing, dyeing, and shampooing.

F. M. JOHNSON,

ATTORNEY AT LAW,

CORVALLIS, OR.

Does a general practice in all the courts. Also agent for all the first-class insurance companies.

G. R. FARRA, M. D.,

PHYSICIAN AND SURGEON

Special attention given to Obstetrics and diseases of Women and Children. Office up stairs in Crawford & Farra's brick. Office hours, 8 to 9 a. m. and from 2 to 7 p. m.

TAKE YOUR

WATCHES

TO—

U. B. VOGLE,

Next door to Rose's cigar factory.

FREE READING ROOM

Main St., On Cameron's Store.

A quiet room, Good Books, Current Papers and Periodicals. The public invited. Strangers especially welcome.

Per Order of W. C. T. U.

Furnished rooms (up stairs) to rent.

SPECIAL OFFER FOR 90 DAYS ONLY!

99¢

99¢

Scientific American

Agency for

PATENTS

CAVEATS, TRADE MARKS, DESIGN PATENTS, ETC.

For information and form Handbook write to MUNN & CO., 311 Broadway, New York.

Oldest and most successful Patent Office in America. Every patent taken out by us is brought before the public by a notice given free of charge in the Scientific American.

Largest circulation of any scientific paper in the world. Scientific illustrations. No intelligent man should be without it. Weekly, \$3.00 a year; \$1.00 six months. Address MUNN & CO., 311 Broadway, New York.

FREE TO EXAMINE

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

Send model or drawing of your invention to MUNN & CO., 311 Broadway, New York, and we will send you a free copy of the Scientific American, and a free copy of the Handbook for Inventors.

BUILDING STONE.

To Contractors and Builders:

Having taken exclusive control of my quarries, I hereby announce that I am now prepared to furnish

BUILDING STONE

of finest quality to all contractors and builders on short notice at greatly reduced prices. Also cemetery bases and ceiling. I make a specialty of furnishing stone blocks for piers.

Thanking the public for their liberal patronage in the past I solicit a continuance of the same.

A. G. MULKEY.

I employ good masons and am prepared to contract for stone foundations and basements.

WOODBURN NURSERY.

The Largest Stock in the Northwest.

13 Million of Trees!

—ALL THE—

LEADING VARIETIES

Of Fruit, Shade, Ornamental, Nut and Evergreen Trees.

Vines and Shrubbery.

Send for Catalogue and Price List to

J. H. SETTLEMIRE,

WOODBURN, OR.

OREGON: PACIFIC

RAILROAD COMPANY.

T. E. HOGG, RECEIVER.