## BUTTER AND CHEESE

Ontario Agricultural College Bulletin II.

Points of Attention for the Patrons ese Factories and Creat

The business of Dairying when intelligently and carefully followed insures to the farmer a safe and steady income. The Province of Ontario is favored with all the natural advantages needed for the Carefully followed insures to dairy industry of the Province, address-dution of the Province, address-partment, Ontario Agricultural College, Guelph, will receive attention. gently and carefully followed insures to the natural advantages needed for the production of cheese and butter of the finest quality; and as the permanent success of the dairy industry depends upon the quality of the product, every dairy farmer is or should be interested in its improvement. To help in that direction is the purpose of this bulletin. In producing and supplying milk te cheese factories and creameries the following points require attention in order that the best results may be obtained.

GENERAL RULES.

CENERAL RULES. 1. Milk from healthy cows only should be used, and not until at least four days after calving. 2. Any harsh treatment that excites the cow lessens the quantity and injures the quality of her yield. 3. Cows should be stlowed an abun-dant supply of wholesome, suitable food and as much pure water as they will drink.

write over the name of Tax-Payer, but I am the man who first suggested the culvert at the Jim street street crossing, so that the water would run off toward

drink. 4. A supply of salt should be placed where cows have access to it every day. 5. Cows should not be permitted to drink stagnant, impure water, nor to eat

cleanings trom horse stables, leeks, tur-nip tops, nor anything that would give the milk an offensive taint. 6. All milk vessels should be thorough-

Ay cleansed; first being well washed, then scalded with boiling water, and after-wards sufficiently aired to keep them perfectly sweet. 7. Cows should be milked with dry

hands, and only after the udders have been washed or well brushed. 8. Milking should be done and milk

should be kept only where the surrounding air is pure and free from all objec-tionable and tainting odors. Milking in a foul-smelling stable or yard imparts to milk an injurious taint. Sour whey should never be fed, nor should hogs be kept in a milking yard, or near a milk

9. Tin pails only should be used. 10. All milk should be properly strained, immediately after milking, and for that purpose a detached strainer is pre-ferable to a strainer-pail. to live than it would otherwise have My co laborer Mr. Tax-Payer is an FOR CHEESE FACTORIES.

11. In preparing milk for delivery to a cheese factory it should immediately after straining be thoroughly aired by pouring, dipping or stirring. This treat-ment is as beneficial for the morning's old contributor to the paper, but he is not really a tax-payer. He uses this signature in order to conceal his identity, as I use the name Veritas. We have a great deal of fun over this at our regular annual reunions where we talk about all milk as for the evening's, and is even more necessary when the weather is cool than when it is warm. of our affairs. Old Settler is a young tenderfoot who

than when it is warm. 12. In warm weather all milk should be cooled after it has been aired, but not before. 13. Milk kept over night in small quantities—say in tin pails—will be in better condition than if kept in larger better condit

quantity in one vessel. 14. When both messes of milk are con-veyed to the factory in one can, the mix-made a mistake Instead of getting hold ing of the morning with the eveni one of the stock and busted it beyond recognition. Since that he has been milk should be delayed till the milkwaggon reaches the stand. 15. While the milk is warmer than writing articles in violet ink relative to eld times and publishing them over the signature of Old Settler. Old Subscriber is a friend of mine who the surrounding air it should be left uncovered, but when colder it may with advantage be covered. 16. Milk-pails and cans should be proreads his paper at the hotels while wait-ing for a gratuitous drink. Fair Play is a retired monte man and Pro Bono Pubtected from the rain, and milk-stands should be constructed to shade the cans lico is our genial and urbane underfrom the sun. 17. Only honest milk with its full taker. I am a 'ery prolific writer, but all my cream and full share of strippings should be offered; violation of this require-ment leaves the patron liable to a heavy work is not printed. A venal and cor-rupt press at times hesitates about giving currency to such fearless, earnest truths as I make use of. I am also the man who says brave penalty.

for fragments of his old school declama-tions to ride on. But to Veritas we owe much. I say this because I know what I am talking about, for am I not old Veritas himself! A DAIRY CLASS. A desire has been expressed for the formation of a Dairy Class, to be trained in butter-making at the Ontario Comm-ery during the forencome, and to receive general instruction in dairying in the lec-ture room during the atternooms. Sep-tember would be the most write the Haven't I been writing things for the papers ever since papers were published? Am I not the man who for years has m during the afternoons. Sep-would be the most suitable Farmers' sons and daughters

Am I not the man who for sears has been a stranger to fear? Have I not sgam and again called the congression, the capitalist, the clergyman, the voter, and the philanthropist everything I could lay my tongue to, and then fought monguitoes in the deep recesses of the avant while the editor remained at the effect and took the model of the and others proposing to attend will please address the Dairy Department, O. A. C., Guelph. No fee will be charged., Let appligants write soon. Enquiries on matters pertaining to the

JAS. W. ROBERTSON.

BILL NYE'S LETTER.

nonth.

What the Public Owes to Veritas and

where does he live? no one seems to know. He is up seven flights of stairs, in a hot room that smells of old clothes and neglected thoughts. Far from the "maddening throng," as Constant reader has so truly said. I sit slone, with no personal property but an overworked costume, a strong love for truth, and a shswl-strap full of suggestions to the over-estimated man who edits the paper. So I battle on, with only the meager and flea-bitten reward of seeing my name in print "anon," as Constant My name is Veritas. I write for the papers. I am an old man and have written my kindly words of advice to the press for many years. I am the friend of the public and the guiding star of the American newspaper. I point out the proper course for a newly elected member of congress and show the thoughtless editor the wants of the name in print "anon," as Constant Reader would say. All I have to fork

over to posterity is my good name, which I beg leave to sign here. VERITAS. people. I write on the subject of politi-cal economy. Also on both sides of the paper. Sometimes I write on both sides of the question. When I do so I

A well-knownsculler was recently very indignant on reading an account of him-self in a newspaper in which some com-positor caused the paper to state that the aquatic star's ears (not oars) were eight feet long.

Salt Rheum Cured.

McGregor & Parke's Carbolic Cerate has been tried and found to be the only has been tried and found to be the only positive cure for Salt Rheum, Pimples, Birtches on the face or hand, Cuts, Burns, Bruises, or any Sore that nothing else will heal. Try McGregor & Parke's Carbelic Carte Carbolic Cerate. 25c per box at Geo

Two Scotch Worthies, named respect-ively Wull and Jock, were, as their noses denoted, very fond of a drop of "Highlaud dew." Meeting one day ir. the street, Wull thought he would have a rise out of Jock, and said to him, ,'Man, Jock, your nose is unco'like the last rose of summer." "Weel, weel," answered Jock, glancing significantly at Wull's uose, "in that case it's no left blooming alane !"

There are very few things in this life of which we may be absolutely certain, but this is one of them : that Dr Pierce's "Pleasant Purgative Pellets" have no could be activating in equal as a cathartic in derangements of the liver, stomach and bowels. They are very small and their action is pleas-ant. Purely vegetable, perfectly harm-less. 25 cents a vial. All druggists.

NEW In the history of medicines no preparation has received such universal com mendatiou, for the alleviation it affords and the permanent cure it effects in kidney discasses as Dr. Van Buren's Kianeys Cure. Its action in these distressing complaints is simply wonderful. Sold by J. Wilson. 2m

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BL00D

For Nottle Rash, Summer Heat Erup tions and general toilet purpor Low's Sulphur Soap. 1m HURON AND BRUCE LOAN AND INVESTMENT COMPANY

and regulate all the secretions.

Obstinate akin diseases, humors of the blood, eruptions and old sores are cured by Burdock Blood Bisters, which purify

This Company is Loaning Money on Farr Security at Lowest Rates of Interest. office and took the credit for writing what I had given him for nothing Has not many a paper built up a name and a libel suit upon what I have writ-ten, and yet I am almost unknown? When people ask, Who is Veritas and where does he live? no one seems to prove He is upon a seems to be the set of the se MORTGAGES PURCHASED.

THE HURON SIGNAL, FRIDAY, JULY 16, 1886.

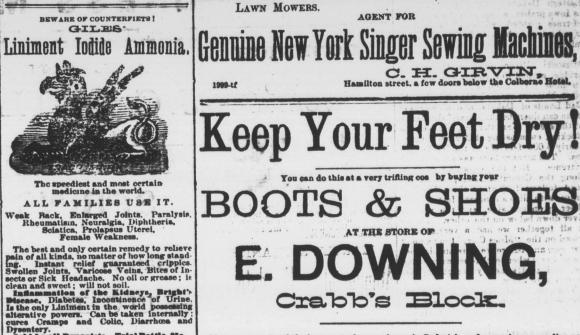
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HORACE HORTON, MANAGER Goderich, Aug. 5th, 1885. 1994-

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Dysentery. Sold by all Druggists. Trial Bottle, 25c. Write Dr. GILES, box 3,482 N. Y. P. O., who will give advice on all diseases free of Prices that Will Suit Everyone.

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Ladies' Boots, in Butten or Laced, from \$1.00 to \$5.00. Ciles' Improved Mandrake Pills Safe, sure, reliable and effective. Do not gripe. Purely veretable. No mercury, anti-mony or alces. They can be telied on for all Disorders of the Stamach, Liver, Howels, etc. Sold by all druggists at 30c, per box. Full supply of Dr. Glies' Remedies at F. JORDAN'S drug store, Goderich, Ont. 2012-y Misses and Children's Strong School Boots, from 75c, up.

Boys do., \$1.00, up, all other Lines Proportionately Cheap. I can and will suit you, both in goods and prices. DOWNING. FRUIT STORE H Crabb's Block, Corner East street and Square. G. CARDONE N.B.-To the trade . Leather and findings in any quantity at Lowest Prices Takes pleasure in announcing that he has opened out a new

## "I tell ye, it's nonsense," an "This farming by bodky a And sendin' the boys to lea At the agricultural schoo Rotation of cruss and analy Talk thest to a young has But yer headn't be tellin' ye For I belleve in the moon SIX GOLD MEDALS have been awarded it during the last three presented and Horse Powers. Manufactured at general City eld Works, by SAMUEL ROGERS & CO., TORONTO. 'If ye plant yer crop in the And put up the line for cr You'll find it will bear, and YATES & ACHESON, Goderich. If it's decent land where i But pointoes, now. are a dif They want to grow down, and don't you see, you mus Agricultural Implements.

"So in plantin', and hoein', "So in plantin", and hoeln', It is well to have an eys: On the hang o' the moon-yy A wet moon from a dry. And, as to hayin', you wise Are suttin' your grants too. If you want it to spend, jus And mow in the full of the

The Poet's

Farming in the

"And when all the harvest

And the butcher's time oo Though your hogs may be lo And as fat as hogs are fou You will and your peck shrink

When it comes on the tab fried to rage—if it wasn At the right time of the m

With former meetin's an Felks can talk till all is bi But don't you be swollerin' For there sin't more's had They are tryin' to make me But I tell 'em I'm no such shall keep right on in the And work my farm by the

A Midnight A

There is scarcely as arming to a mother th alarming to a mother the sound of croup—so liable hight. When Hagyard's am (for the threat and la roup and distressing of heir terrors. It cures of and bronchitis.

Fun and Fa

Tills, my good-night and give her a kiss." ecause she'il box my c

Will You Suffer with or Complaint? Shilol teed to cure you. on, Druggist

contempory remarks coment season has un." : That is better to begunment ?season 1 angerons Fits are o ms. Freemaa's Wor

Croup, Wheeping Out is immediately reliev e. For sale by J. W dry goods elerk who a weekly stipend of ped with the daughter r father will be oblige

Catarrh Cured, hea eath secured, by Shilo dy. Price 50 centa. e. For sale by J. Wi

with the soft end o' t

For lame back, side illoh's Porous Plaster.

"Ah," said Jehok iend's baby, "he has g yes-and my hair," he seful prodigy grabbed h

Shiloh's Cough and ed

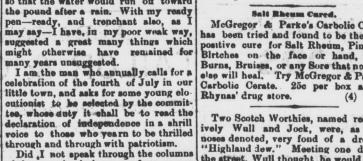
old by us on a guara nsumption. For sale

Owing to the strain ween the countries, Can who visit American beac permitted to fish in o

waters.-[Lowell, Mass.,

ruggiat.

An Irish journalist, fe, tearfully exclaimed



voice to those whe yearn to be thrilled through and through with patriotism. Did I not speak through the columns of the press in clarion tones for a proper observance of our nation's great natal day in large gothic extended gaps the nation's starry banner would reman furled and the greasy pig would con-tinue to crouch in his lair. With the aid of my genial co-workers Tax-Payer, Old Settler, Old Subscriber, Constant Reader, U. L. See, Fair Play, and Mr. Pro Bone Publice, I have made the world a far more desirable place in which to live than it would otherwise have

A Sure Thing.

FOR CREAMERIES.

18. In preparing milk for delivery once a day to a creamery where the whole milk is received, the treatment should be similar to that recommended for cheese factories.

19. For creameries receiving cream only, the milk should be well aired but not cooled before setting. 20. Milk should be set for the separa-

tion of the cream where no impure air will reach it.

mies, fearlessly signing his name, Veri-tas, to the article, so that those who 21. Cream rises best with a falling temperature, and the separation of cream from the milk is promoted by cooling, after setting, to at least 40°. yearn to kill him may know just who he What would the world do without Ver-

FOR BUTTER-MAKING AT FARM DAIRIES. itas? In the hands of a horce of jour-22. When the cream is used for butter-making at the farm the foregoing treatnalists who have nothing to do but attend to their business, left with no anonymous friend to whom they can fly ments and conditions may be observed with profit.

when momentous occasions arise, when the sound advice and better judgment 28. Good ventilation for a milk house, milk-cellar or dairy-room, is most essen-tial, and may be provided for by leading dition would indeed be a pitiable one. an air drain under-ground, for say 200 feet. Through it a supply of pure, fresh, cool air may be admitted. The foul or warm air may be allowed to escape through ventilators or windows in or near the coil or man and a port of the set of the set of the set of the might go home with a battle of Gettys-

the ceiling. 24. Cream should invariably be re-moved from the milk before the milk is sour.

25. The cream for each churking should be gathered into and kept in one and assails the grim monster Wrong.

vessel. 26. The whole of the cream should be well stirred every time fresh cream is added. The broposes improvements, and the following week a bitter reply comes from Tax-Payer. Pro Bono Publico, and the retired three card monteist, says : "Let

27. In summer, cream should not be left longer than three days before churn-gardless of cost." Then the cynical U.L.

ing. 28. The best churning temperatures are between 57° and 60° during the sum-mer, and between 60° and 64° during mer, and between 60° and 64° during

and between 60° and 64° during the winter. 29. Butter can be more thoroughly washed free from butter-milk while in the granular condition than after it is rethread or neored into a roll. gathered or pressed into a roll.

tes. This essay introduces, under the most trying circumstances, such crude 30. Only the best pure salt of medium and uniform fineness of grain should be yet original literary gems as : used, and from three-quarters to one Wad some pounce of salt per pound of butter will be He also says : Wad some power the giftle gie us. ect.

found satisfactory for the summer. 31. The utmost cleanliness in milking, The wee sma' hours agant the twal,

and further on : in vessels, in utensils and in all surround

Breathes there a man with soul so dead Who never to himself hath said, etc. ing must be observed to preserve the flavor and body of milk, cream, butter His essay is not so much the vehicle of and cheese from contamination, thought as it is the accommodation train

GOLDEN CAL DISCOVERY I am also the man who says brave things in the columns of the papers when the editor himself does not dare to say them because he is afraid he will be killed. But what recks Veritas the bold CURES ALL HUMORS from a common Blatch, or Erreption, to the worst Scrotula. Self-rheum. "Fever-sores," Scaly or Rough blood are conquered by this powerful, pur-fying, and invigorating medicine. Great Eating Ulcers rapidly heal under its be-nign influence. Especially has it manifested its potency in curing Testics, Rose Rash-Boils, Carbuncles, Sore Eyes, Scrot-nilous Sores and Swellings, Hip-joint Disease, White Swellings, Goiter, or Thick Neck, and Enlarged Giands. Send ten cents in stamps for a nirge treatise, with colored plates, on Skin Diseases, or the same amount for a treatise on Scrotulous Affectors. "THE BLOOD IS THE LIFE." CURES ALL HUMO and free? Does he flinch or quail? Not a flinch or quail ? not a quail. Boldly he flings aside his base fears, and with bitter vituperation he assails those he dislikes, and attacks with re-sounding blows his own personal ene-

"THE BLOOD IS THE LIFE." Thoroughly cleanse it by using Dr. Pierce's Golden Medical Discovery, and good digestion, a fair skin, buoyant spir-its, and vital strength, will be established.

**CONSUMPTION** 

which is Scrofula of the Lungs, is ar-rested and cured by this remedy, if taken be-fore the last stages of the disease are reached. From its marvelous power over this terribly fatal disease, when first offering this now celebrated remedy to the public, Dr. PIERCE thought seriously of calling it his "Con-sumption Cure," but abandoned that name as too limited for a medicine which, from its wonderful combination of tonic, or strengthening, alterative, or blood-cleansing, anti-bilous, pectoral, and nutritive proper-ties, is unequaled, not only as a remedy for consumption, but for all Chronic Dis-cases of the

## Liver, Blood, and Lungs.



is offered by the proprietors of Dr. Sage's Catarrh Remedy for a case of catarrh which they cannot cure. If you have a discharge from the mose, offensive or otherwise, partial loss of or presume in head, you have Catarrh. Thou-sands of cases terminate in consumption. Dr. Sage's Catarrha Hangor cures the worst cases of Catarrha, "Cold in the Head," and Catarrhal Headache. 50 cents.



Sleepless Nights, may hat terrible cough. Shi emedy for you. For sal Druggist. A St. Louis Medical neezing is the best meth and expelling secretionar he air passages, and tha ther respects, an exc process. That magazin f having been subsidized Be en Yenr'Gu Don't allow a cold in the nd snrely develope into on be cured for 25 cents 2014-3m A few applications wi arrh. One or two boxes w One to five boxes w Sold by James Wilson ry it—take no other professional beggar Janeiro and left a f 0. A Rio journal re icover, sheuld occasio in well known that ma in that city are w lose who bestow alms ( . 67 alim young man in hion was violently an when a companion wles, deah boy, how adful cold." "Aw, adful cold." 'Aw, cane in the lower in sucking the i eadful cold, it chille th." If Charles ha Red Pine Gum his le him very much. on's prescription di cCarthy's whitewas

REWARD-Of one to any one sending me on "TEABERRY," le gem for the Teeth ir druggest or addres

How a Dude Cau