

Dangers to Public Health from Cows' Milk.

By Charles E. North, M.D., Con-

Congress of Farm Women

fore this time as a result of experimilk with dust and dirt, or by soiled utensils, an offensive to decency, in some dairies for decency's sake. In fact, one cannot make a study and are therefore parasites. of the history of the dairy business without recognizing that those who an animal substance and contain.

But it happens that milk being an animal substance and contain.

The sources of the bacteria of disease which can be carried by

Progress changes human standards in all lines, and progress has gestible food for infants and chilenormously changed our standards of cleanliness in the dairy. The dignerible and best foods for hac, sore udder bacteris are present in changes which have taken place in the last thirty years in the methods of producing and handling milk are probably greater and surely of more importance to public health than all of the changes which have taken place in the previous centuries. This has some about as a result of the discoveries made by scientific men, especially concerning the existence and nature .of those microscopical organisms which we call bacteria.

Contrary to the prevailing publie opinion, bacteria are not small into milk, they also would multiply sore throat epidemics have been to remedy. animals, or microbes, possessing teeth and claws, but are tiny vege

BOX 124.

Among the larger types of vege-levenly regarding the dangers to tables and plants there are a few the public through cow's milk. here and there which are known to There are those, on the one hand, be poisonous to men. As one walks who point out that their own chilthrough the fields and noted the dren and their own relatives have flowers, and bushes, and trees and never suffered any harm from milk, sulting Sanitarian, New York City.

grass growing therein, one recognizes most of these plants as harmand therefore the dangers talked what sheep eat in the way of weeds and pick up grain is a benefit to men, but the complete in and therefore the dangers talked what sheep eat in the way of weeds and pick up grain is a benefit to with disastrous results.

Address Before the International less and of benefit to men, but the poison ivy and the mushroom and complete in tending them. What sheep eat in the way of weeds and pick up grain is a benefit to with disastrous results.

On the other hand there are those who have seen sickness as a result lamb or mutton, without reducing in the most of the sand pick up grain is a benefit to with disastrous results.

Here again eleanliness predom-lamb or sand pick up grain is a benefit to with disastrous results.

Here again eleanliness predom-lamb or mutton, without reducing in the most of the sand pick up grain is a benefit to with disastrous results.

Here again eleanliness predom-lamb or mutton, without reducing in the most of the sand pick up grain is a benefit to with disastrous results.

Here again eleanliness predom-lamb or mutton, without reducing in the most of the sand day, week after week, he shuts it down each night and leaves with disastrous results.

On the other hand therefore the dangers talked what sheep eat in the way of weeks and many do, alas, with disastrous results.

Here again eleanliness predom-lamb or mutton, without reducing in the most of the sand pick and pick up grain is a benefit to with disastrous results.

On the other hand therefore the dangers talked what sheep eat in the way of weeks and many do, alas, with disastrous results.

Here again eleanliness predom-lamb day, week after week, he shuts it down each night and leaves it standing out any old place to face with the catholic talked and pick and pi poison ivy and the mushroom and who have seen sickness as a result

are known to be poisonous. The believe all milk to be so dangerous Shakespeare stated in one of his plays in describing the virtue of one of his heroines, "She can milk, tables. The great majority of beings. The real truth of the matthese are entirely harmless, and in ter lies half way between these two look you, a sweet virtue in a maid these are entirely narmiess, and in the extremes. It is true that the many of them decidedly benever the street of the time in the same of the street fully recognize that cleanliness was of great importance in the conduct of the dairy. It is not hard to believe that this was not a new idea with Shakespeare, but that long besingle variety of these tiny, poison- among milk consumers. On the pared with prices obtained a few ous plants. Just as a fungus grows other hand, it is equally true that years ago. learned that clean hands and pails on the bark of a tree, and just as ocassionally milk carries disease. were a great help in preventing the mould grows on old leather, in the and is a source of great danger to same manner the bacteria of tuber- milk consumers. It is unwise for likely that some persons in that early age were sufficiently refined the interior of the human body and dairy business to ignore these facts, to look upon the contamination of feed upon the substances of body and their business success demands tissues. In short bacteria causing that they should plan a future in disease are tiny vegetables which their industry with their eyes open and that cleanliness was practiced have learned how to grow inside or and with proper safeguards against on the surface of animal tissues damage to their customers and the destruction of their business.

made a business of dairying were ing food substances of the highest milk are animals in the dairy and also expected to make a business value is a liquid in which those mi- human beings employed in the daif cleanliness.

Seroscopic plants called bacteria ry work. Inflammation in the daigrow most readily. The same reary cow are caused by bacteria and digestible and best foods for bac- sore udder bacteria are present in teria. All plants feed on liquid the inflamed tissue. It is just as increase in price both of cars and gasoline power and this gas pro- amount on 15 cent shoe shines to nourishment. Bacteria grow and common for the dairy cow to have multiply in milk with enormous ra- an inflamed udder as for the humultiply in milk with enormous rapidity. The souring of milk is
brought about by the lactis acid

On such an occasion the disbrought about by the lactis acid

The source have a cold in the being to have a cold in the being to have a cold in the being understood.

Remember water will not clean yet these same intelligent men will

Divine service in the month at cordially invited human beings. Bacteria from dust charge from the head of the human able cars on the market?"

tables. They are, in fact, the smal- the rapid multiplication of bacteria were due to sore udders of dairy ignorance and gross neglect, and along and shoots a sixty horse

have passed the time when there produce leaks from corrosion. is any doubt that bovine tuberculomerous instances.

(To be continued)

Sheep

them into money; while sheep pick up their own living and become fat for market without much care or time occupied in tending at the control of the car body, and the car body, the control of the religiously none-supplied Lath by the purchase of gas, runs it probably ten times the distance daily he would run a team, and the car body.

We now come to the car body, the control of the control of the religiously none-supplied Lath the car body and the car body. The control of the control of the car body are a car, start it out to run just of the religiously none-supplied Lath the car body are a car, start it out to run just of the religiously none-supplied Lath the car body are a car, start it out to run just of the religiously none-supplied Lath the car body are a car, start it out to run just of the religiously none-supplied Lath the car body. The car beautiful to the car body are a car, start it out to run just of the religiously none-supplied Lath the car body. The car beautiful to the car body are a car, start it out to run just of the religiously none-supplied Lath the car body. The car beautiful to the car body are a car, start it out to run just of the religiously none-supplied Lath the car beautiful to the car body. The car beautiful to the car body are a car, start it out to run just of the religiously none-supplied Lath the car beautiful to the c lamb or mutton, without reducing inates, and gross ignorance runs ing eranks her up and expects good a few others comparatively rare, from contaminated milk, and who the flock, for it is a poor flock of riot.

tion of what to do with the wool.



Car Renovation.

By Mr. Berry

even more so the future, can well degeneration, and oridation. be called the motor car transporta-

The discovery of bacteria and of recent years, and believe they es greatly from two causes, viz, and immediately an expert comes ter in quality, but this is purely a matter of cost and selling price, and every car at the present time on the market is good up to a ceron the market is good up to a ceron to the market is good up to a ceron tain stage, and with real care would suaded to use some polish which in the month.

firstly, a good motor, and to back this up a well constructed body to stand the general vibration and reachest of the constructed body to stand the general vibration and reachest of the game is worse than the first.

(Augsburg Confession)

Rev. E. Hermann, 1747 Winnipeg St. Divine services every Sunday 19:30 a. m. and 7:30 p.m. at the Ev. Luth. Grace Church, Winnipeg St. between 11th A really good ear must have firstly, a good motor, and to back this up a well constructed body to stand the general vibration and racket of the motor, and as the notor is the leading feature, real care should be taken of it. The greatest requisite in motor care is cleanliness, both inwardly and outwardly, both of which can be carcleanliness, both inwardly and outwardly, both of which can be car.

proper ingredients, the knowledge services and to send the chew wardly, both of which can be car. ried out by most owners, who research and experience. should at least once a month thoroughly clean all grease, dirt, foul matter etc. from the motor's exterim, because such accumulation causes nuts to loosen, quick runcauses nuts to loosen, qu ducing knocks, grinds etc., leading and reckless car washers. up to expensive repairs.

and rings cleaned with gasoline than washing and if this is attendand scraped clean from accumulated to by really experienced m and finally a burst cylinder.

to, they are not so liable to go gas fumes. wrong, but if they do, it is better to have them attended to by an expert.

A well placed man can afford to have them attended to by an business man requires a team for body.

GERMAN BAPTISTS.

Divine services at Southey, Sask, at 10 a.m. in the country, and 2.25 p.m. in town. Our doors are open for every body.

A. Knauth, preacher. expert.

the tuberculosis existing in infants | The radiator also requires some and children and hospitals of New attention to keep it from interior York is of the bovine type. We scaling and claging up, finally to

Another care is the general oilsis can be transmitted to human ing of all running parts, and also beings. It has been actually found the springs of a car occasionally, there in the last two years in nu- and finally the eare that should be exercised in the purchase of gas. Here is a real serious matter much more so than owners realise, for let me say emphatically, that there is more adulterated gas by ten times sold than good gas, in spite of the the propelling power is, that the Rosthern, Sask.

Divine services Sundays 11 a.m. a Are You Going to Buy This Year? sold than good gas, in spite of the glaring statements of oil companies, and while good gas can be procurand night, and with proper care properties.

Sold than good gas, in spite of the properties watered, fed, well 7 p.m. Sunday school 10 a.m. Ladies housed and groomed morning, noon and night, and with proper care p.m. —Bev. Geo. O. Juettner. Farmers in Saskatchewan are ed, the probability is that if a large and night, and with proper care p.m. only beginning to realize what mo- demand set in for good gas, this will live, last and be profitable for ney there is in keeping a flock of would quickly degenerate to poor over twenty years, while the same sheep. Hogs require grain of some kind and regular feeding to make gas for excess profit, and the only man wilk dispose of these and procure are a car, start it out to run just of the religiously none supplied Lath

time occupied in tending them, a feature that every owner should after the day's work, day after MARIENTHAL CATHOLIC CHURCH

the flock, for it is a poor flock of rot.

The beautiful finish on a ear is lambs in a season, are like interest on investment; and may be reckoned at 100 per cent. annually.

The number of sheep now in the province makes it no longer a questlook of the owner when it is appearance fades and soon the car look of the owner when it is the province makes it no longer a questlook. All car owners can get ten years look of the owner when it is the province makes it no longer a questlook. All car owners can get ten years look of the owner when it is the pride of the p appearance fades and soon the car body goes dull and flat, dead and disappointing, the top is dirty and faded, and the cushions and trimtograph of the cushions are cushions and trimtograph of the cushions are cushions and trimtograph of the cushions are cushions as a cushion of the cushion of the cushions are cushions as a cushion of the cushion o

Take the varnished body finish or the other, in most cases), for car Take the varnished body finish and what is it? Simply flax oil boiled with gums, and if this is to be kept good, then like must be treated with like.

There are polishes that are good, and renovators that really know treated with like.

There are hundreds of polishes procurable and waxes, but they former and using it, you are going procurable and waxes, but they are mostly failures, simply because the manufacturer aims to produce effect and not renovation, and his chief ingredient is spirit, that chief ingredient is spirit, that It is well to remember that cars day. The present period of time and gives quick effect and also quick often require a ten cent repair, through ignorance and careless-

Varnish being of and gum is ness, but it often costs ten dollars tion age, and when we each year very elastic, and anything put on to get at it. How many men will more so when we learn of the great Again remember your car runs by period they will spend double the at 8 p.m. accessories, it will occur to most duces a filthy grease from the keep them nice and make them owners how important it is that fumes that settles on the body and last out; the same with a suit of

brought about by the lactis acid head. On such an occasion the disbacteria which are, fortunately, charge from the udder is just about Hundreds of owners have asked the your car body nor trimmings be pay from \$700 to \$2,500 for a car harmless and even beneficial to the same in character as the dismix, and yet any fool who can hold what he would spend on either the

lest vegetables of which we have any knowledge. They are also, without doubt, the most ancient and are believed by scientific men to be the ancestors of all forms of vegetable life.

In milk and that all milk can sped-disease to of the dairy cow means discharge always: there are no bad cars put of the bacteria of tuberculosis in the udder always: there are no bad cars put of the bacteria of tuberculosis into the market, for the simple reason the milk and such milk can sped-discharge always: there are no bad cars put of the dairy cow means discharge of the a car. There are however many polish off in quick time, and the diction. Daily 8.15 a.m. quiet mass. cars that could be very much bet- cold water causes the varnish to TRINITY EVANGELICAL LUTHER-

ninety-nine eases in a hundred will EV.-LUTH. GRACE CHURCH, Regina. FIRST GERMAN BAPTIST CHURCH

ning parts to throb, quickly pro-

Your car requires washing, the hood requires renovating, and the No. 2 care is the cylinder, which cushions, etc., demand care, but should also once a month be examined, the head taken off, the pistons require more scientific cleaning ed carbon, because neglect will your car body would last years inquickly cause strain, jar, jam, year stead of weeks. Here is an illustration: a well finished buggy or piece The carburetor, self starter and of furniture will retain its finish electrical system require attention for years, the buggy with simple but these are secondary in importance, and provided the care alreanot propelled by gasoline power,
dy mentioned has been attended nar does it come in contact with

I shall, if it is God/s will, hold services at the Menanonite church at Hague
every second Sunday in the month at
3.30 p.m. Everybody is cordially inwited.

GASTORIA

Für Sänglinge und Kinder
in Congainen Scri Mena 1 3 1 langua

To the Farmers of Western Canada

McBEAN BROS.

GRAIN EXCHANGE WINNIPEG

Divine services Sundays 11 a.m. and

GENERAL COUNCIL

Rev. H. Becker, missibs superinter

results, and finally she refuses to ode), Divine services every third Sun-

at Curt Hill, Sask.

Divine services will be held every sunday at 10.30 a.m., fast time. Serv-

NEUDORF PARISH (Ohio Synod). faded, and the cushions and trimmings not fit to sit on without a rug, and all this possibly after three months' wear. It should not be, say owners, and I quite endorse such statement, but ignorance and such statement, but ignorance and one of the caring themselves, and by spending a fittle money with responsible skilled mechanics and cleaners (and let me say the big garage is not the place to get either the one month at 3 p.m., fast time.

SASKATOON (General Council). tween 10th and 20th Street.

PAROCHY DAVIN-KRONAU

EV. LUTH. TRINITY PARISH.

Rosthern (Ohio Synod).

Divine services Sunday at 10 a.m. and Sunday school; main service II a.m. see the vast increase of licenses issued to operators of ears, and even or contraction quickly creates ruin.

EV. LUTH. MARCUS PARISH.

Haultain, Sask.
Divine services every third Sunday
the month at 11 a.m. Everybody is Rev. A. Schormann

EVANGELIC SOCIETY, EDMONTON

human beings. Bacteria from dust charge from the head of the mind in the cow stable, and from dirt on utensils also grow most rapidly in milk and may destroy its value as a food by causing it to decay. If the bacteria of diphtheria or typhoid fever should happen to drop into milk, they also would multiply with enormous rapidity.

This is a very natural query, for most owners know that from the most o

ST. MARY'S CHURCH, REGINA.

OHIO SYNOD

SOUTHEY PAROCHIE, MISSOURI

HAGUE, SASK.

I shall, if it is God/s will, hold serv

GERMAN BAPTISTS.

Divine services every Sunday at 10.30 am, and 7.30 p.m. School: Sunday school at 10.30 a.m. Every Saturday between the hours of 2.30 and I2 SOUTHEY PAROCHIE, MISSOURI SYNOD.

(Immanuels Parish, Southey)
Divine services every Sunday 19.30 a.m. and 2.30 p.m. alternately.

ZIONS PARISH

(11 miles northwest of Southey).
Divine services every, Sunday at 19.30 a.m. and 2.30 p.m. alternately.
Everyhody is cordially invited. Parish school will be open at Southey from September 1 to July 1. Every child is welcome.

—A. H. Gallmeier, Rev.

day school at 10.30 a.m. Every Samerday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and bible instruction. Every Wednesday between the hours of 9.30 and 6.20 p.m. derman value of 4.30 and 6.30 p.m. Every Wednesday between the hours of 9.30 and 12 a.m., and between 2 and 4 p.m.: lessons in signing, catechism and between 2 and 4 p.m.: lessons in signing, catechism and between 2 and 4 p.m.: lessons in signing, catechism and between 2 and 4.30 and 6.30 p.m. lessons in signing, catechism and between 2 and 4.30 and 6.30 p.m. lessons in signing, catechism and between 2 and 4.30 and 6.30 p.m. lessons in signing, catechism and between 2 and 4.30 and 6.30 p.m. le

IN GEBRAUCH SEIT MEHR ALS 30 JAHREN Immer mit der Unterschrift Gal H. Flatcher

Are You Taking Proper Care of Your Horses?

HOW ABOUT BOTS and PINWORMS?

Improved "HEUREKA CAPSULES" are the proper medicine your horses should get.

There is no other medicine or remedy on the market that could be used with nearly the . success obtained by the use of the great "HEUREKA CAPSULES."

We have hundreds of testimonials from

grateful and satisfied users. Many successful farmers and horsebreeders have saved and improved their stock by using our improved HEUREKA CAPSULES. How about you? Have you ever thought of giving this remedy a trial. If your horses are troubled with bots and pinworms, they are suffering just as much as any human being. No matter what you feed them or how well you feed them, and no amount of extra good care will do them any good. The horses will steadily loose flesh and after a white will be run down and unfit for work. You must exterminate the root of the evil, the cause of the different diseases which develop from bots and

A GOOD HEALTHY STOCK OF HORSES IS THE BACKBONE FOR A THRIV-

If your horses are unfit for work, you cannot prepare your soil, you cannot harvest and thresh your crop. If you have never tried these famous "HEUREKA' CAPSULES," you should give

them a trial at once. One trial will convince you. Why not do it now? "IT PAYS".

AGENTS WANTED IN ALL UNREPRESENTED LOCALITIES.

Write today to the

CANADIAN IMPORTING CO.