Nearly 1.000 farmers arrended this meet-

"And why should not the silo be consid-

"When we review the mass of authentic

experiments published by our different

question of a doubt the sconomy of the

allo, we should not be slow to avail our-

Experiments Are Made.

fed to fattening steers and sheep.

advantage.

and sortous way.

selves of their benefit.

omildered.

production.

after milhing and placed in sterile vessels. CHEAP PRODUCTION IS NEEDED. **MELICK ON DAIRY SANITATION** eaches th consumer in its natural condi-

Expert Lectures at Land Show on Important Milk Problems.

fore using SILO IS A MODERN FEATURE "We show a drop of milk containing a SILO GREAT AID TO FARMERS carlety of bacteria and the same drop

Tells of the Core Which Should be Takes of Milk Which is Given to Children of Tender Years.

are very desirable in producing the proper

The subject of dairy sanitation is of other germs in the milk. Had the milk vital importance to every home." declared Prof. C. W. Mulleh in a secture at the been held at lower or higher temperatures. undesirable forms would have multiplied Land Show yesterday. "Milk in its pure and natural state is the most perfect and destroyed these health producing orfood known. It has every constituent nec- saniams. It was on this theory that the easary to sustain life and in its most easincits acid milk drinks were established in many of our leading cities within the their ability to meet foreign competition by ever, it frequently becomes, through on-last two years. This drink was introduced sanitary and careless handling, a medium in Omaha last year under the name of vita for the distribution of filth and disease culture. The fact that milk is a perfect food for Modern Dairy Shown.

taking the manure from the barn on a cows milk. This merely shows not only

two are almost parallel. The legs of files is seen by the dairies here represented.

large numbers of putrefying bacteria on are being washed and the milk bottled

cold or unsterile water before milking. We see or a bad case of kidney trouble.

show a group of cans showing fermented wive bottles did the work most effec-

cream running over the top. They are tively and proved to me beyond doubt it

evidently, filled with gas-forming bacteria. Is the most reliable kidney medicine I

their legs. They are thus one of the worst ready for distribution.

beaten fodder, containing only one-tenth which confronts us."

human beings makes it also a perfect food for bacterial growth. The first slide shows an average barn

on the ordinary farm without windows

It has no place for light and ventilation

The large manure plics against, the side

of the barn furnish a breeding place for

files and the odor from them penetrates

the milk as it is drawn Trom the cows.

The next slide shows the cows wading

through manure plies knee doep in getting

to the barn. The interior of this barn is

lipuld manures and retains the bad odor.

Cows stabled here lie down in filth which

sumers' receptacle and exposed to the

street dust, which is heavily laden with

track and emptying it into the manure

spreader. It is thus taken to the field

daily where it makes better fertilizer than

when allowed to rot in the yard. A slide

secured from the Connecticut experiment station represents the relation of mor-

tality from intestinal diseases to the prev-

alence of flica. The lines describing the

are covered with short hair and coming

from places of filth they frequently carry

of their original nutrition. Many attempts

sometimes successfully and sometimes not

When dairymen are told to sterilize their

dairy utensils, either by steam or direct

sunlight, they sometimes use steam or hot

enemies of the dairymen.

the nillk.

cleaned.

undesirable bacteria. Such a barn also

mosed entirely of wood which absorbs

cans from which it is poured into the con- teurisation.

"We show a sanitary dairy. The man

the Importance of sanitation, but also the

importance of proper preparation and mod-

ification of milk for bables. We have a

vicinity of Omnha.

rew slides showing sanitary dairies in the

"Great strides are being made in the

improvement of milk in this vicinity, as

Slides also represent the interior of nev-

eral Omaha creamerics. Here the bottles

ciation.

L. McConnell, Catherine, St. Elmirs, N.

precision of the great good I derived

Davor in butter, and which are also very detrimental to undesirable germs, have multiplied and destroyed practically all

ever, it becomes necessary to pasteurize

milk to destroy undesirable factoria be

Many Experimental Stations In-United States and Canadat Machines Also Necessary.

tion. Under ordinary circumstances, how Prof. Haceker Lectures on Cost Compe-

production is one of the things that in- ered as a profil maker for the farmer? Successful competition through sconomic terests Prof. A. L. Huecker, who is bere. from the State Agricultural college to lecture at the Land sonw. He says that the American former and the American manufacturer have for some time demonstrated connomic production. "How long they will be able to do this will depend on their

tition.

aleriness to keep in the front rank with experiments which have been conducted "They found corn ensuage when put in improved methods," says he.

"It must be borne in mind that our labor at steel-feeding experiment where corn al- and retain its feeding value. the curries the cows goes through the saving machines are being used in foreign lage was compared with hay. \$1.07 for barn first, grooming each carefully. After lands and this will give our foreign comthe dust settles he is followed by a group petitors an coust chance in the struggle of men in white clother, who first wash for supremacy. To compete with such contheir hands, then milk the cows in sterile ditions we must keep in the lead and by more than corn fodder when all costs were to live stock. pails. The milk is carried to the mill, so doing only can we enjoy prosperity. nouse as soon as each cow is milled. There "When corn was 25 cents a bushel and H is passed over the cooler in a tin shoet hay \$5 a ton it required little skill or brains where it is cooled immediately to fifty to place our live stock on the market with

degrees Fahrenhell. H is then bottled profit Used to Laugh at Science.

and carefully capped and the bottles "It was not necessary to understand the placed in crushed for for delivery. This milk is certified to by the City Hourd of principles of scientific feeding. Protein and readily gets into the past while milking. Realth where thus produced and is called carbo-hydrates were laughed at by the suc-This mile is frequently delivered in small vertified mile. It does not require pas cessful feeder as scientific nonsense. Just as our forefathers burned off the fine tim-"An important factor in the production

ber to clear the land, having no regard for the timber value, so in past years our of sanitary milk is that of infant feeding. The requirement of protein for a child farmers on the fertile western plains have furnishes a hotbed for tuberculosis, which, one week old is five-tenths of 1 per cent. taken no thought of saving methods or although generally attacking the lungs of This gradually increases until the end of soil fertility, but have naturally drifted the animal, occasionally finds its way into the twelfth month, when it approximates along the easiest course in their hus bandry The next represents a manure carrier is practically equal to that of normal three and five-tenths of 1 per cent, which

"During the last few years the high price of grain and forage have rendered stock ffeeding, as carried on by the old methods **5** Boxes Apples unprofitable. While a few feeders through shrewd buying and experienced fitting have realized a profit in the business, the great majority of men who accounted for their labor and efforts in their work found they were making little or no profit in growing beef. Where the open ranks and cheap land were utilized this condition of affairs did not take place, but on land with a val-

Dairy Farmer Gets Profit.

uation of \$30 or over the feeder was inclined

to find his profit lacking.

"A slide represents one of the girls in These cows are well fed and as we the home economics department of our "Almost the same conditions have taken see, are allowed to rest in the modern state university modifying milk for chilplace with the dairy farmer except he has sanitary barn. The numerous windows in dien. This, I believe, is the most pracfound profit in spite of high feed values the side of the barn furnish ample space tical solution of the preparation of milk owing to the very high price of butter and for light and ventilation. The interior of for infants and invalids. The girl who the economic advantage of the dairy cow this barn is of cement, easily washed and learns to do this property and can mod. over the beef animal. However, with a low ify milk for her children and understands butter market and high priced grain and The silo by the barn represents one of not only dairy sanitation, but the percent- forage, the cream producer will be forced

the modern features of practical dairying, ages of sugar, fat, protein and every other to adopt better methods if he wishes a fair At the Great Northern Booth In it there are conserved about seven acres constituent of milk that a child needs profit from his business. of succulent, palatable corn stalks which during each month of its development has "In simple words we have now come to if left in the field would be dry, weather- solved one of the most important problems the time when it is necessary to produce animals and animal products more cheaply or quit the business. As this is a stoci are made to improve dairy conditions. Foley's Kidney Hemedy-An Appro-

country it would be absurd to think of leasening our stock production. So we must turn to the wiser course of cheapening production, and then maintaining our T., writes. "I wish to express my apwealth and prosperity. water, and then spoil it all by rinsing with from Foley's Kidney Remedy, which I

Silo Important Subject. "As times are ripe for economic feeding

the silo as a means of cheapening animal production is one of the paramount subjests before our farmers. At a meeting of When cream or milic is immediately cooled have ever taken." Sold by all druggists various agricultural societies held recently

In Lincoin a special sile day was put un ensilage will not cost the farmer more Tobacco Importers the importance of this subject and also to gument, sive an opportunity for discussing the "The

"The Mississippi station found corn er methods of using corn sligge to the best slinge in the south the inset economi means of producing both milk and butter "Pennsylvania station found good results ing and it was pronounced by all to be in freding steers allage and realized a

ne of the best meetings of the convention. value of 35.20 a ton when used in this way. C iban "Wrapper" Brought Into United Not only has Nebrasha foreseen this silo. Thuy also found sllage superior to hay necessity, but also the neighboring states, and much more economic in the raising of Iowa, South Dakota, Kansas and Missiani young stock. Massachusetts found in a are all taking up the silo in an earnest steer-feeding test corn slage to produce

meat cheaper than where hay was used. Ontario Saves Much.

ment has started, it is said on good au Cutario experiment station found the thority, has disclosed discriminations in ould save \$41 on every \$200 invested in the wrapper and filler statistics of tobacco stations, all demonstrating beyond the feed if they used corn enabling in proferimports from Cuba, which have deprived unce to hay in feeding cattle. Kansas exthe government of between \$3,000,000 and periment station not only produced beef \$5,000,000 annually for the last five years. cheaper with silage in the ration, but also Tobacco trade statistics snow that cigar

the silage fed steers sold at a higher price makers who turn out pure Havana cigars on the market than did the dry fodder must have 6 per cent of their stock in "The following is the ment of several steers. wrapper," while the statistics of the Treasury department show a fraction under

by our various states: Missouri found in the silo would keep for five and six years one-fifth of 1 per cent of the Cuban im as "wrapper."

"Michigan experiment station has been every 100 pounds of beef was saved by the using silos since 1881 and has found in sevuse of silage. Ultinois station in bulletin eral experiments ensilage to be the most to found corn ensuage worth ill per cent economic form of feeding the corn plant

"Silage when fed in conjunction with al-"Ohlo station found they could produce faits or clover produced mutton more butter fat 9 cents cheaper per pound by cheaply than when hay was used. using enslinge than they could when using "Many other stations have tested out hay. A like difference was found in milk the fronomic use of the silo and one and all have endorsed It as a practical eco-The Indiana station found the silo the nomic equipment for the stock farmer. economic means of producing both "Thousands of farmers and stockmen all

beef and mutton in three well conducted over the country have been demonstrating experiments. They also found corn ensitage for the last quarter of a century the eco o be worth from \$5.50 to \$6.50 per ton when nomic use of the silo, and practically all who now have such equipment are firm in "This in the light of the fact that corn their praise and endorsement."

FREE

at the

Omaha Land Show

TODAY

A box of Apples will be given FREE to each of the first

five persons making the nearest correct estimate of the

Two boxes of apples will be given on Thursday, Friday

and Saturday-one to each of the two fortunate persons

number of apples in their Booth.

making nearest correct estimate.



sum had been lost to the government an nually for at least five years past. From the investigation thus far it was the be States Under Classification of lief this loss was more in the matter of long established trade custom than fraud "Filler" for Years. The probable result of the inquiry, M:

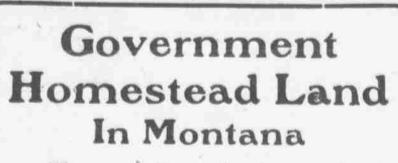
NEW YORK, Jan. 24 .- A country-wide nvestigation which the Treasury depart-

to the customs regulations, by which the ustom house could arrive more exactly it the amount of each class of tobacco leaf imported from Cuba than was possible inder the present regulations, and at this stage of the investigation neither criminal prosecutions nor civil suits for back duties were contemplated.

Loeb continued, would be an amendment

when her child is in danger a woman will risk her life to protect it. No great act of heroism or risk of life is necessary to protect a child from eroup, thve Chamserlain's Cough Romedy and all danger portations classified as and paying duty is avoided. For sule by all dealers.

Advance reports on this investigation The Key to the Situation-Bee Want Ads

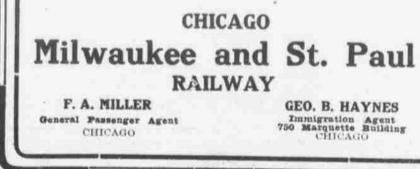


There are thousands of acres of government homestead land in Montana adjacent to the Chicago. Milwaukee & Puget Sound Railway. These homesteads are 160 acres and in some counties 320 acres each.

The available homestead lands are fertile, Wheat, oats, barley, alfalfa, potatoes, and vegetables, corn, fruits and sugar beets have been successfully raised. Markets for the crops raised are assured.

If you want a homestead close to the railway you should investigate the conditions and file soon, before the better lands arc taken.

A descriptive pamplet giving full particulars as to how to secure a government homestead sent free on request.



X

after being held at to degrees Fahrenheit Speaker Points Out Readits Shown by for an hour. The lactic acid bacteria, which

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