Walberg & Herman ‡

PURE MILK BREAD

A New Specialty

Fresh Rolls, Bread and Fried Cakes every morning

Cream Slices, Cream Rolls and Cream Puffs fresh every noon

Phone Your Orders No 234

29 South Main Street

MERTZ & MOCHEL

Harararararakatarakatarakatarakatarakatarakatarakatarakataraka

Scranton and Plymouth HARD COAL

ALL KINDS OF SOFT COAL AND COKE

We are as yet in position to make prompt deliveries. Look up your supply and send in your orders early before the rush

Telephone 233

36 South Main St.

Government Irrigated Farms than dry roughage.

Big Horn Basin of Wyoming

Open to Settlement - 40 to 160 Acres Each A deep, rich and fertile soil. Abundant crops, of finest quality, of wheat,

oats, alfaifa, suga beets, potatoes, fruit and other crops native to temperate tone. A pleasant, healthful climate no severe extremes of temperature no floods, cyclones, droughts or blizzards -sunshine almost every day. Plenty of coal and timber near at hand. Good transportation tacilities—the C., B. & Q. R. R. runs right through these lands. Growing towns, excellent educational and religious advantages. Abundant water supply. Perfectly constructed irrigation system. Payments in ten annual installments without interest. One of the last chances to secure good farms direct from the government at low prices.

Reduced railroad rates on the first and third Tuesdays of each month. On these days I will personally conduct Landscekers' Excursions to the Big Horn Basin to show these lands. Come with me on the next excursion and see for yourself-my services are free



neved by the Reclamation Service of the United States Government giving all information about these I nds, terms, etc. Free for the saking address

D. CLEM DEAVER, General Agent LANDSPEKERS' INFORMATION BUREAU. 15 0 Building, Omaha, Neb.



Up-to-Date Sanitary Plumbing. Gas Fitting, Hearing and Sewer. age Work. Estima es Farnished on New and Old Work, 22 22 22

Shop: 33 S. Main Street

Shop Phone 611 Res. Phone 8s4

The SCHOOL STORE

E. M. DIENER, Proprietor

109 So. Main St. Phone 433

School Books, Tablets, Pencils, Composition Books and all kinds of SCHOOL SUPPLIES AND STATIONERY

WE CAN SAVE YOU POSTAGE AND MONEY ON SUBSCRIPTIONS

DAILY AND SUNDAY PAPERS, MAGAZINES FARM AND TRADE JOURNALS The Best Stock of Post Cards in Town CIGARS, TOBACCO, STATIONERY

GROVE NEWS AGENCY **TELEPHONE 483**



FEEDING SILAGE.

The average garryman needs thirty to forty-five pounds of silage a day to each cow. This means that an acre of land, yielding twelve tons to three animals. The amount of green corn raised per acre was from eight to twenty-two tons.

after milking on account of the odor that it imparts. If fed before, it

tion. Years of experience have shown goat is remarkably resistant producing foods that cows can be fed.

on the floor to decay and to load the cheesy curd." air with odor, there will be no objections to the feeding of silage. It is the careless and indifferent dairymen who have led many people en- not over 50 cents worth of fertility. gaged in the milk business to con- No other crop is worth so much per

There are still extravagant claims sold. made for the silo. A few enthusiastic advocates claim that putting corn into a receptacle of this kind doubles arator reduces the bulk about twenty its feeding value. There are facts to prove assertions of this kind, for experiments from various stations have proved that the loss incurred by putting corn into the silo is nearly equal to the loss when it is put into shocks or racks, and, moreover, the digestibility of fodder for laying hens, too. corn and silage are nearly the same, ble than green corn.

better results when fed on sliage than from a practical standpoint just as when fed on equal amounts of corn any other stock on the farm. A her fodder. A considerable portion of is not a large creature, but the poulthe dry corn fodder is not consumed try industry is. by the stock, but all the silage can

the silage better than the corn fod both der and will consume more of i'. thereby leaving more nutriment to form milk after the wants of the body have been supplied. The real merits of the silo may be summed up

1. Silage is more palatable the year through than dry corn fodder.

2. It is succulent, which makes it a satisfactory substitute for grass. 2. Stock will consume more silage

4. It greatly increases the number of animals that can be kept on given acreage.-A. J. Glover, Illinois

THE DUST BATH

While things are so dusty and dry it is a fine time to gather up the bathing material for the hers irring the coming winter; don't stint yourself in the amount, get plenty, remember the winter is long enough for the hens to require lots of dust

end of the house and fill in with sev. off in nature's footsteps the better | best methods known. It means simply eral barrels of dust

In very cold weather it is well to teaching the calf to drink later. sift in the warm ashes.

will dust at once to make a thick change gradually from whole for that is hard on the lice.

the ones culled out, is a good time to clean up the premises at any rate the houses, for the winter. Give a borough cleaning, removing all accumulation from the roost room, fill in whitewash the walls well, not being nice about dropping the wash: then and crevice is full of oil.

of the nests offed inside and white washed outside

When tobacco stems and scraps are obtainable, use them among the nesting. The benefit will be very great. Where there is room to use one end or corner of the house for a bath room, and it will really take no more room than will the dusting box, the nest boxes fixed firmly above

the dust place is a good thing. The more dust the hens raise the better for the boxes, as lice and mites cannot live in a fog of dust; then too, space is economized.-E. C. in the indiana Farmer.

MILCH GOATS.

In this country the goat is considered the buzzard among quadrupeds, the scavenger of refuse heaps, tolerated only in Mrs. Wiggs' cabbage patch and such slummy sections of towns. In Europe goats are kept as indispensable domestic animals. The prejudice here is against the mongrel specimens we see, the Eng-"h anarrow, "yellow dog" representative of a noble, useful breed

An amateur who undertook the end of a year or two with the beau-Housekeeping he gives this opinion.

based on his own experience:-

Hook as 'the most intelligent, the most engaging and most picturesque of domestic cattle, opens an inviting and useful recreation or occupation, not only to men, but to women and even children, commending itself pecially to those whose health re-

economic point of view, is that !! requires but at small outlay to es tablish or to maintain a small goat dairy. In fact, there are few undertakings which can be compensed green corn, will supply the average on so small a scale that can be made ration of silage for seven months to pay so well both in pleasure and

"The importance of much goat keeping cannot fall to appeal to physi-The silage should always be fed clans or to parents of young children for it has been proved beyond refutation that infants deprived of their is Hable to taint the milk or at mothers' milk thrive upon goat's milk least cause it to have an objection- better than on that of any othe; aniable odor. It is important that no | mai. The Lancet of May 25, 1997, in silage be left lying around in the reporting an analysis of goat's milk barn or scattered in the feeding al- made by the Lancet laboratory says that 'there are points about goat's The mangers, alleys, and every part | milk in connection with infant feedof the barn should be entirely free ing which deserve more attention from silage as soon as the cows have than they have hitherto received. It finished eating that part of their ra- is well known, for example, that the that allage is one of the best milk- tuberculosis; moreover, the milk appears to be more digestible than If the barn is properly ventilated cow's milk, because its casein forms and no silage is left strewn aroun! a flocculent rather than a hard,

FARM NOTES

A ton of butter takes off the farm pound and takes so little away when

How to handle the milk is not a question any longer. The hand septimes and leaves the skimmilk available for feed while yet warm. This also reduces labor to a minimum, and without it dairying is out of the

Boiled potatoes mixed with milk are splendid for growing chicks. Good

Drop off the meat rations in grass both being somewhat less digesti- hopper time. Save that for cold weather, when the hens are shut in. Dairy cows, as a rule, have given : Poultry for profit must be studied

Clean quarters and fresh water ev-

ery day will add to the comfort of On the other hand, the stock likes the hens. See to it that they have Increase the exercise and change

the bill-of-fare when the chickens loss their appetite or do not cat with ap-A pint of crude carbolic acid mixed

with a gallon of kerosene makes an excellent apray for poultry houses, and it is the cheapest.

The smaller the flock the greater the individual yield. Fifty hens are the largest number that should be allowed to run in one flock.

If hens are kept for their eggs, the poultrymen should know which are the good producers, and quickly dispose of those which are not

REGARDING THE CARE

CALVES The care of dairy calves is probably the most influential factor in the development of a good dairy herd. Keep the calves in light, airy quarthe calves have two or three meals No difficulty will be experienced in one is careful to let it get quite hun-When the bath is large enough hens gry before attempting to feed it, and skim milk. After well started to When the old hens are sold, or drink it is advisable to give some grain in conjunction with the milk ration. - Weekly Witness.

THE COW'S INCOME.

The average dairy cow costs \$36 per year to feed. It is easy to figure out that if the income from the sale of her milk does not exceed this coal oil the roost until every crack ing her way. The only satisfactors method of determining this question If the nest boxes are removable is by weighing the milk and testing they should have been removed at the per cent, of butter fat it contains the beginning of the clean up. If not by the Babcock test. A cow that removable, then all the nesting should | does not pay takes up just as much be removed, and burned, the sides room as a profitable one. Sell her for beef.-Farmers Home Journal.

LET THE HENS SCRATCH. Keep the laying hens busy in scratching a good part of the day. and they will eat more and lay more Feed them plenty of ground green bone, pulverized shells, grit and green things. All of these, including scraps of meat, contain the elements needed by the laying hens.

Concrete Construction.

The modern development of con crete construction has done much to improve the esthetic quality of railway engineering. Substantial appearance and architectural character tend to take the place of much ugliness of wood and steel along the right of way. Colossal examples of reinforced concrete construction are the several miles of viaduct built across the sal water between many of the islands to carry the railway from the Flor ida mainland to Key West. As impressive as a Roman viaduct is the rhythmic order of these great mono lithic arches-about six miles of them altogether. In one stretch alone are keeping of a few milch goats has nearly three miles, in another two treatles in contrast with this gigantiful white, hornless breed. In Good tic work, which declares that modera engineering. like that of antique dars, can be not only strong, but "The care of these 'little giant | beautiful!-Sylvester baxter's "The milk producers,' aptly described by Railway Beautiful," in the Century.

Quite the Thing. "That's a queer design you have

in the corner of your bilihead," re marked Slopay "It's merely a little flower," replied

"Think it's appropriate, ch?"
"Yes, it's a forget-me-not."—Phile by Bush & Simonson, Druggists.

BRAINS IN FARM WORK.

Mr. Grout Says Physical Toil Can Never Make a Farmer-Many Are Only Miners.

Mr. A. P. Grout, of Winchester, Ill. owner of several farms, Farmers' Institute Director of the Twentieth Congressional District, and originator of the Farm School Encampment, gives young men of the farm some very plain reasons for getting an agricultural education if they expect to succeed in the business of farming under the conditions of the future, in substance as When a boy on a Vermont farm Mr.

Grout learned to do every kind of farm work and no boy ever worked harder or more faithfully, but he did not see the lessons in what be did; he saw only the hard work. He made maple sugar, became an expert in cradling grain and binding grain by hand, was handy with an ax, experienced in breaking steers, etc. He had the physical force to do anything required. The same is true of boys to-day. But he says this physical ability never did and never will make a farmer. FARMING BLINDLY AND BLUNDS

ERING. It is farmers of this kind, who have worked early and late and untiringly but unintelligently—that have ruined and made desolate many fertile sec tions of this and other countries. It is farmers of physical force, but without knowledge, who are responsible for the abandoned farms of the eastern and older parts of this country -tarmers who are working blindly and ignor-

MINING AND FARMING. Along Fraser River in British Columbia. Mr. Grout saw the ground which had been dug over for gold; the soil has been washed away, leaving only rock and rubbish. It struck him that this mining is much like the kind of farming done by men who use only physical strength in their work. We have a rich soit fifted with gold, not in the form of metal but in the nitrogen, potassium, phosphorus and other elements of fertility that are absolutely essential to the growth of crops,

which are readily convertible into gold, Many farmers take these plant foods out of the soil every year in the form of grain and other products without returning anything to the soil to enable it to feed more crops in the coming seasons. Mr. Grout called such farmers merely miners, plundering and ruining the soil. Many are working blindly and ignorantly. The almost universal practice has been to ruin the land and then say, "Westward Ho," REAL FARMING.

He said the real farmer is the man who grows blg crops and returns all the golden elements of fertility to the soft so it can go on producing such big crops indefinitely without getting past er. The "mining" method of farming is simply robbing the next generation of its rightful inheritance in the riches of the soil. I'nder real farming the land descends to the children better and more productive than when the fathers began it.

MUST GET SPECIAL EDUCATION. What would you think of the sur geon whose only qualification for ampulating a leg or arm was his ability to wield a carving knife and a saw? Strength is only one requirement, the mest important one is to know why how, when and what to do. The farmer must be educated for his calling last as the doctor, the lawyer, the preacher, the business man and the skilled me following the accumulated experiences of observing, thoughtful and studious men. It means the bending of recorded results of experiments, tests, and trials that have been made by educated and scientific nen, with the view of establishing the truth and ascertaining the best ways and methods. I is with these results that the form boy should become familiar. The purpose of the Farm Encampment is to provide some of this knowledge, arouse the boy's ambition, enable him to see something in farming besides hard work-start him to reading, thinking and studying, until he acquires the habit that will continue as long as he lives. -Illinois Farmers' Institute, per

ARTHUR J. BILL.

Valuable Ples.

"You mean to say you ask 20 cents for one of your mince pies?"

"I do. "But you can buy a mince pie any where for 10 cents."

"Not like these." "I don't see why these should be worth any more than any others?" "Well, I do. Why, a fellow found a gold coffar button in one of these

ples vesterday!"--Yonkers Statesman

Don't talk to the hungry man about the stars. Give him ham and eggs

HAD QUIT WORK READY TO GIVE UP IN DESPAIR

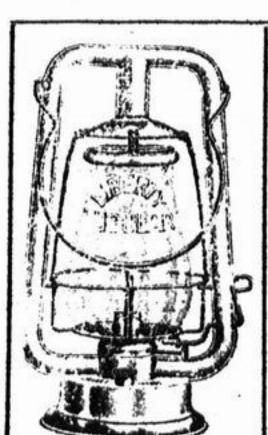
Restored to Health By Vinol "I was sick, run-down and finally had to give up work. After trying a number of remedies and several physicians, I was just about ready to give up in despair. I saw Vinol advertised and decided to try it and it has done more good for me than all other means combined. It has built me up and restored my strength until I now feel twenty years younger, and am able to attend to my

such cases is because it contains tonic la most comfortless day, and he re- dered refreshments and finding him iron and all of the strengthening | tired to an inn for shelter and refresh- | gone pointed to the corner where he blood-making and body-building elements of cod liver oil, but no oil. Vinol is unexcelled as a strength creator for old people, delicate children, weak, run-down persons, and after

sickness-and is the best known rem-

edy for coughs, colds and bronchitis. We return your money if Vinol fails he could not mitigate the acrid sm'le to give satisfaction. of acid incredulity of that glorified VINOL is sold in Downers Grove | potman! In the midst of one of his

Plevka & MacDougall



Cold Blast Lanterns

That Won't

Blow Out

Have a

CORNICE BRAKE NEW

and are now headquarters for all kinds of

Cornice and Sheet Iron Work

Round or Square Galvanized Gutter and Tin **Eve Trough**

All seasonable goods such as STOVES, RANGES, OIL HEATERS, COAL HODS, PIPE, ETC.

HAVE YOUR FURNACE WORK DONE NOW

WYANDOTTE

፟፟፟ቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝቝ

Cleaner and Cleanser

Everything may easily be made clean, sweet and pure like new if you use WYANDOTTE. It is a dry snow white powder with no grease, fat,

ONE TRY

lye, acid or preservative in its composition.

OF OUR 5 POUND SACKS

if not entirely satisfactory, return the sack and get your money back.

15 So. Main J. W. NASH

POLK'S RICE PUDDING

TELMO PEARS, PEACHES AND JUNE PEAS

FRESH VEGETABLES AND CANNED FRUITS

F. GERWIG The North Side Grocer

*********************************** FORTY ACRES TREES AND SHRUBS HOME-GROWN FOR LOCAL USE

B. Austin Nursery Co.

Established 52 Years DOWNERS GROVE, ILL.

VISIT NURSERIES AND MAKE PERSONAL SELECTION

G. J. VERBEEK HOME BAKERY

Home Made Bread, Rolls, Cakes and

Pies fresh every morning at 6 o'clock

Highland Avenue Telephone 971 Or at Store 44 North Foote Avenue

......

LIVERY

Boarding and Feed Stable RIGS FOR PARTIES ALWAYS [READY

C. E. BAKER

Successor to Q. Schmitt and A. Durst

A Memory Test.

Grove Street

Telephone 302

to lecture at or near Canterbury | caught it at the station, and his repu-After the lecture was finished he had tation caught it in the lun parlor, for The reason Vinol is so successful in to wait for his London train. It was the waiter-coming in with some orment. To pass the time be began to had been sitting and exclaimed, "SHvokels in the inn parlor, and one and all were thunderstruck except the waiter. There is always one skeptic every communion, whether of saints or sinners. Do what he would

of the "only train to London to-night!" A professor of mnemonics had gone and he rushed off to catch it. He

> Miles-In Russia the soldiers are not allowed to marry.

Glies-That's where the Russian government makes a great mistake. Miles-Because why?

Giles-Because a married man knows more about fighting than a single one. most difficult feats the whistle sounded