

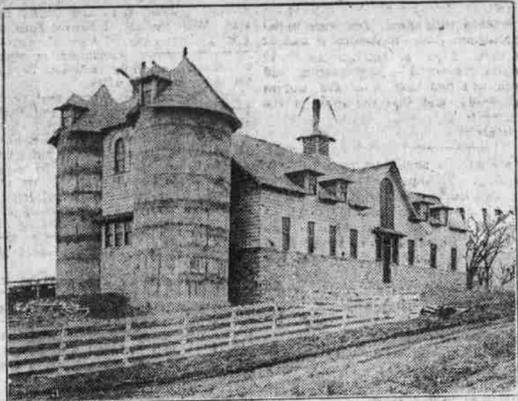
Silage Best Winter Feed

Solves Problem of Supplying Stock With Juicy Food During the Cold Months at Minimum Cost

By C. E. Brazner, Student in the College of Agriculture, University of Missouri

It is at this time of year that the man who has built a silo begins to realize returns for his investment. He is supplying his stock with succulent food during winter at minimum expense. He is justified in assuming that his stock will be in better condition in the spring, for a variety, as well as an abundance in food, is necessary for stock to do their best. He will probably be prepared to let the bluegrass pasture get a good start be-

ing more and more to use silage in fattening stock. The silo may be looked upon as a large can. It preserves the silage by excluding air. The walls must be air tight, and a layer of silage, a foot or so in depth, serves as a top. The best type of silo is the round one. The rectangular silo has neither the capacity nor the keeping qualities of the round. What material to use in building a silo depends upon



Concrete Silos at the Dairy Barn, University of Missouri.

fore turning stock on it. Close grazing in the early spring, while the pasture is making its first growth, is more detrimental to the stand of bluegrass than close grazing at any other time of year, for at that time the plants have used practically all their reserve food.

A man undecided about building a silo might well spend a day visiting his neighbors who are now feeding silage to their stock. While silage is not the equal of bluegrass pasture, it takes the place of bluegrass in the winter wonderfully well. It supplies the craving of the stock for juicy food. Young stock thrive and grows throughout the winter on it, and the dairyman produces milk and butter cheaper with silage than he can without it.

Silage has another advantage in being a cheap feed. The silo saves what would otherwise be wasted. The stalks that are left standing in the field are valued at not over \$1 an acre. The same put in the silo will make ten tons of good feed.

Missouri has taken the lead in silo building. She built more in 1911 than any other state. Being located as she is, between the producing West and the consuming East, she is the natural ground for fitting the stock of the ranges for market. Feeders are com-

conditions. More are built of concrete than anything else. Concrete lasts well, holds its shape and keeps the silage in good condition.

Other silos have their advantages. Stave silos are more easily and quickly built, cheaper, and are the only kind that can be moved. Gerles silos are cheaper and more quickly built than those made of concrete.

A small silo is usually better than a large one. It has less exposed surface as the silage is being fed. Two or three inches must be fed off every day during warm weather. Otherwise it will spoil. If one silo doesn't furnish enough feed, build two small ones rather than one large one. For the same reason, a tall silo is better than a wide one.

The cost of building differs with localities. The average is \$2 to \$2.50 per ton capacity. A silo 30 feet high and 16 feet across will hold 100 tons and should cost from \$200 to \$250. A concrete silo may be built 20 feet high and then added on to as needed.

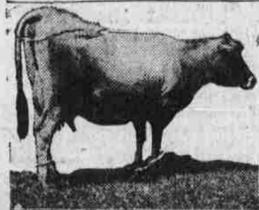
As land increases in value the tendency is to produce more feed per acre and raise better stock. The silo will help in both of these. It will furnish feed to take the place of other more expensive roughage and it will furnish feed that will keep the young stock healthier and make gains on the fattening stock cheaper.

DAIRYING IN THE OZARKS

BETTER ADAPTED TO PRODUCING MILK THAN IS SWITZERLAND.

By C. H. Eckles, Professor of Dairy Husbandry, College of Agriculture, University of Missouri.

The possibility of developing dairying in the Ozark region may be realized by knowing what has been done in similar regions elsewhere. If Switzerland should be placed over South Missouri, it would scarcely cover that area which we term the "Ozarks." In square miles, Switzerland has a little less than one-fourth the area of Mis-



The type of cow that will make dairying a success in the Ozarks.

souri, or is equal to 25 average Missouri counties. Of this area one-fourth is rocks and glaciers. The remainder, equal to 18 Missouri counties, supports a population of 3,300,000. The number of cows kept is 785,000, which is about the same number as are kept for dairying in the entire state of Missouri. These cows produce, on an average, \$31,000,000 worth

of milk a year. After supplying a population almost equal to that of Missouri, dairy products equal to \$14,620,000 are exported. Yet the Ozark region is naturally more productive than Switzerland and it has all the natural advantages possessed by that country, with less waste land. If dairying was developed in the Ozark region as it is in Switzerland, it would mean nearly \$2,000,000 distributed each year in each county of that section. Such an addition to the income of these farmers would soon make the Ozark region one of the richest parts of the state.

It is conceded by all competent to judge that not only is the Ozark region especially adapted for dairying, but that it is certain to be known far and wide in the future for that industry. The things which adapt it to dairying are:

- (1) Plenty of good pasture lands.
- (2) An unlimited amount of good water, easily procured.
- (3) An ideal climate for stock.
- (4) The possibility of growing all the feed needed on the farm.

There are as good markets within reach as can be found anywhere. Any farmer within reach of a railroad can sell any quantity of milk and cream at the highest market price. The reasons why the Ozark farmer should keep cows are, first, because there is money in it. The dairy cows give returns every day in the year. The cream from ten good-grade cows well cared for, will bring \$50 or more per month for every month in the year. Some farmers in the Ozarks are getting as much as \$8 per month for the milk of each cow.

The Ozark region produces good pasture for two months longer than the dairy states of Wisconsin and Minnesota. Cows may be well fed with feed grown entirely on the farm.

Professor Recited Badly. One day a college professor, going to his class, came across one of his students who had just fallen down. Asking him how he fell, the student replied, "Notwithstanding." Telling the anecdote a short time later the professor said: "I met Mr. Junior the other day, and he made a very bright remark. He had just fallen down, you know; and when I asked him how it happened, he said, 'Nevertheless.'" Budget.

Examine Strange Personality. A Frenchman, named Marguy, said to possess the hide of an elephant, instead of the ordinary human skin, and therefore believed to be an abnormally constituted person, not accountable for his actions, is to be medically examined at the request of the French attorney general to determine his responsibility for a theft for which he has been imprisoned some months.

She Was So Timid. She (to maid)—"Pull down the shades, Ninette. Even the hooks have eyes."—Yale Record.

GAYEST OF CITIES

Joy of Paris, London and Vienna Combined in Budapest.

Capital of Austria-Hungary in the Center of Nation's Activities—Every Other Building Here Houses a Cafe.

Budapest.—The greatest city of the Danube—Vienna being in strict justice excluded from consideration—is Budapest, which is fairly cut in two by the broad expanse of the river, according to D. N. and A. S. Iddings in the National Geographic Magazine. Formerly two cities, Buda on the right hand straggles up a picturesque mountain, and here on a high terrace is the magnificent palace of the king of Hungary, with a wonderful outlook over the river. Pest, on the opposite side of the river, is the modern city and commercially important. Its location is upon a flat, so characteristic of the rich Danubian plains.

The population of the combined cities is about 750,000, and here is the center of all Hungarian activities. Hungary as a nation having little real culture, no manufacturing or real city, no manufacturing of its capital city. The rich fertility of the Danubian plains has always made agriculture the natural exertion of the people, just as the plains themselves constitute the principal area of the kingdom. But the life of Budapest is compensatory for the dullness that pervades the rest of Hungary. Budapest is Paris, Vienna and London in one, a combination of the gayeties of the capitals of the world with a little distinctive Hungarian paprika thrown in.

The "Corso" along the Danube in Pest is the promenade and whose group of open air cafes and restaurants form the hub of the gay Magyar life. Throughout the city almost every other building houses a cafe, so important a part do these establishments play in the national life.

There the business man partakes of his early breakfast of coffee and rolls, there he adjourns from his office on numerous occasions in the day for im-



Typical Budapest Hotel and Cafe.

portant business conferences, which are best had, according to the semi-oriental idea of the Hungarians, over a cup of coffee. And after the family dinner, which is almost invariably partaken of in one of the restaurants which are scattered through the city and among the parks which surround it, the cafe is again resorted to by the whole family as a last thing before retiring, which is often postponed till early morning, so entrancing is the gypsy music always to be heard in these public places and the other attractions of cafe life.

15-YEAR-OLD TIRES OF WORLD

Writes That His Life Has Been Failure Then Takes Poison.

Atlanta, Ga.—Leaving a note in which he declared that his life had been a failure and that there was nothing left to live for, LeRoy Thomas, a fifteen-year-old country boy, attempted suicide here by swallowing poison. His attempt was unsuccessful.

Four weeks ago LeRoy came to the city to make his fortune. On the trip to Atlanta he began in a little diary the story of his conquest of the world. His attempt was after three weeks of failure. He now says that he will always be satisfied with his happy home on the farm.

When he fell after swallowing the acid, he clutched in his hand a note to his father. It read: "I am a complete failure. There's no need of me causing my folks any more trouble. I want to go where mamma went a year ago. I'll be better off there. I am in the way here. They don't want folks in this world who are failures. Goodby."

In his pockets were pawn tickets for most of his possessions he had brought to the city with him, telling of a struggle against odds that were too much for the untrained country lad. Doctors say he will be able to go back to his home within a week.

MAN KISSES KIND JUDGE

Justice Gives Prisoner \$1 and Free Dom, Then Receives Salute From Deedler.

Chicago.—Another blow at the dignity of the bench was dealt recently. It was struck when an Aurora justice, with mercy, was kissed in open court by a man he had dismissed. The resounding smack upon the justice's cheek was delivered before anyone could interfere and after everyone was too startled to do so.

Frank de Cook, arrested for peddling without a license, was the man who introduced the European method of expressing gratitude into an American court. He had told Police Magistrate Thomas Barlow such an affecting hard luck story that the justice not only dismissed the charges against him but called him to the bench and gave him one dollar.

Then came the kiss. The justice refused to say whether he considered it in the light of a bribe.

TWO WOMEN SAVED FROM OPERATIONS

By Lydia E. Pinkham's Vegetable Compound—Their Own Stories Here Told.

Beatrice, Neb.—"Just after my marriage my left side began to pain me and the pain got so severe at times that I suffered terribly with it. I visited three doctors and each one wanted to operate on me but I would not consent to an operation. I heard of the good Lydia E. Pinkham's Vegetable Compound and was doing for others and I used several bottles of it with the result that I haven't been bothered with my side since then. I am in good health and I have two little girls."—Mrs. R. B. CHILD, Beatrice, Neb.

The Other Case.

Cary, Maine.—"I feel it a duty I owe to all suffering women to tell what Lydia E. Pinkham's Vegetable Compound did for me. One year ago I found myself a terrible sufferer. I had pains in both sides and such a soreness I could scarcely straighten up at times. My back ached, I had no appetite and was so nervous I could not sleep, then I would be so tired mornings that I could scarcely get around. It seemed almost impossible to move or do a bit of work and I thought I never would be any better until I submitted to an operation, but my husband thought I had better write to you and I did so, stating my symptoms. I commenced taking Lydia E. Pinkham's Vegetable Compound and soon felt like a new woman. I had no pains, slept well, had good appetite and could do almost all my own work for a family of four. I shall always feel that I owe my good health to your Vegetable Compound."—Mrs. HAYWARD SOWERS, Cary, Maine.

CANADA'S OFFERING TO THE SETTLER

THE AMERICAN RUSH TO WESTERN CANADA IS INCREASING

Free Homesteads in the new Districts of Manitoba, Saskatchewan and Alberta. There are thousands of Free Homesteads left, which the man making entry in 3 years time will be worth from \$10 to \$25 per acre. These lands are well adapted to grain growing and cattle raising.

Excellent railway facilities. In many cases the railways in Canada have been built in advance of the country, and in a short time there will not be a settler who need be more than ten or twelve miles from a line of railway. Railway rates are regulated by Government Commission.

Social Conditions. The American Settler at home in Western Canada. He is not a stranger in a strange land. He finds nearly a million of his own people already settled there. If you desire to know why the condition of the Canadian Settler is progressive write and send for literature, rates, etc., to G. A. COOK, Excelsior, 412 N. E. 7th St., Chicago, Ill. or to the Canadian Government Agents, or to the Superintendent of Immigration, Ottawa, Canada.

VERY ALIKE.



"Did you ever get a kiss by telephone?" "No; what's it like?" "It's like dreaming about something to eat when you go to bed hungry."

ERUPTION LIKE PIMPLES

Wathena, Kan.—"My child's scalp trouble became so bad that I was ashamed to have anyone see him. His head had a solid scab on it. He also had a terrible breaking out on his face which was gradually growing worse. The eruption was like pimples which developed into sores when he scratched. He did almost constantly. Baby would almost scratch himself raw."

"I had used several different kinds of salve, none of them helping in the least bit, when I saw the Cuticura advertisement in the paper and it made me think of the good results my sister had when she used it for her children. I had only used Cuticura Soap and Ointment about two weeks before I noticed that the sores were almost entirely gone, and it must have been a month or six weeks he was troubled before I began the treatment. He would get easy when I would put the Cuticura Ointment on him. Cuticura Soap and Ointment completely cured him and he has a clear complexion now." (Signed) Mrs. W. H. Hughes, Dec. 31, 1911.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 22-p. Skin Book. Address post-card "Cuticura, Dept. L, Boston." Adv.

Your neighbors may know that you have money, but what they may not know is how you get it.

WILL BELIEVE NERVOUS DEPRESSION AND LOW SPIRITS. The Old Standard general strengthening tonic, GIBBY'S BARK TONIC, will give you the liver to action, drives out malaria and builds up the system. A sure Appetizer and Aid to Digestion. For adults and children. 50 cents.

While the way of the transgressor may be hard, it is seldom lonesome.

TRAGEDY OF AN AIR DEATH

How the Grandchildren of Colonel Nieuport Concealed His Son's Death.

"Why did not Charles come back yesterday?" querulously demanded Colonel Nieuport, the eighty-two-year-old father of the airman killed near Etampes, Seine-et-Loire, recently. His eldest brother, Edward Nieuport, was killed in the military maneuvers of 1911.

The news of the second son's death had been hidden from the father, and his relatives could only reply: "Charles has gone for a great flight."

"Ah, well! And why, then, has not Edward come to bid me good night?"

They could not make him remember that Edward was long dead. With tears in their eyes, his grandchildren brought him letters and flowers to distract him.

"What has happened?" asked the old colonel.

"Why, nothing, nothing, grandfater."

The old man's memory returned and he was heard muttering: "It is dreadful to lose your boy. I would rather have died before him. And the second—his brother's equal—nothing can have happened to him? Oh, no. The same house could not not smile suffer a blow like that." Smiling, he thought of the honors which his younger son was gaining.

Suddenly the sound of military music came up from the street. It drew nearer, and as the beating drums pressed the old soldier's window he got up with difficulty, leaned out of the window and saluted the passing regiment. Newspaper boys followed the crowd, shouting, "News of the accident." Gentle hands dragged the old man back—"Go in, grandpa! You are getting cold."—Paris Journal.

The Reign of Woman.

Women will serve as public porters and dining car waiters on the special train which is to carry the Illinois suffragists to the Washington parade, and except for the train crew and solitary man to shine shoes it will be an example of feminized railway transportation. The male shoeblack prompts masculine reflections on the new dispensation. But mere man may take heart. The time is still remote when there will be women at locomotive throttles or in the more responsible posts in railroad operation. —New York World.

Alfonso Enjoys Reminders of Danger.

King Alfonso of Spain is said to be a fatalist, and being of this temper he is able to derive enjoyment from occurrences that would frighten most people. A knife that he knocked out of the hands of an assassin is hung up in his den. The hides of two horses killed in bomb explosions have been made into rugs for his cozy corner. On his wedding day an attempt was made on his life, and the next day he visited the spot and pointed out to his young wife the spot where the assassin stood.

Trying to Place Him.

"What is your idea of a radical?" asked the young man who is studying politics.

"My observation," replied Senator Sorghum, "is that a radical is usually a man who wants to muck things up in the hopes of establishing himself in circumstances sufficiently comfortable to warrant his becoming a conservative."—Washington Star.

Crime Note.

First Small Town Police Official—A crook was just in to get permission for a little criminal work tonight.

Second Ditto—Yegg work?

First Small Town Police Official—Not much. First-class hold-up by the original New York company.—Puck.

Her Habit.

"It did Jack no good to marry his stenographer, for she continued the habit of office in their home."

"How so?"

"When he starts to dictate she takes him down."—Tit-Bits.

Literal.

"Do you like my execution on the piano?" "I must say I would have to describe it as an execution for killing time."

WHEN RUBBERS BECOME NECESSARY. And your shoes pinch, Allen's Foot-Paste, the Antiseptic powder to be shaken into the shoes, is just the thing to use. Try it for Breaking in New Shoes. Sold Everywhere. 25c. Sample FREE. Address, A. C. Ormsted, LeRoy, N. Y. Don't accept any substitute. Adv.

Truth may be stranger than fiction, but the latter commands a higher price in the magazine field.

Only One "BROMO QUININE" That is LAXATIVE BROMO QUININE. Look for the signature of W. W. GIBBY. Cures a Cold in One Day, Cures Grip in Two Days. 50c.

It makes a man feel good when he is pretty certain he is going to miss a train and doesn't.

Cures Old Sores, Other Remedies Won't Cure. The worst cases no matter of how long standing, are cured by the wonderful old reliable Dr. Porter's Antiseptic Healing Oil. Relieves pain and heals at the same time. 50c, 80c, \$1.00.

If a man was offered his choice of fame or fortune, he'd take the fortune and hope to acquire fame later.

Dr. Pierce's Pleasant Pellets cure constipation. Constipation is the cause of many diseases. Cure the cause and you cure the disease. Easy to take. Adv.

It is surely tough luck if you are un-enough to get the kind of touring car you want.

Mrs. Winslow's Soothing Syrup for Children teething, softens the gums, reduces inflammation, always cures wind colic. 25c a bottle. Adv.

It's easy to keep in touch with society if you have money to lend.

There are imitations, don't be fooled. Ask for LEWIS' Single Binder cigar, 5c. Adv.

It's awfully hard for a girl to get used to a stepfather.

CASTORIA

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The Kind You Have Always Bought

Bears the Signature of *Dr. J. C. Hatcher*

In Use For Over Thirty Years

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ALCOHOL—3 PER CENT

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INFANTS & CHILDREN

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Plum Pulp -
Aloe Sarsaparilla -
Sulphur -
Castor Oil -
Glycerin -
Syrup of Marshmallows -

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Fac Simile Signature of *Dr. J. C. Hatcher*

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AT RHEUMATISM AND ALL NOSE AND THROAT DISEASES

Cures the sick and acts as a preventive for others. Liquid given on the tongue. Safe for brood mares and all others. Best kidney remedy; 50c and \$1 a bottle; \$5 and \$10 a dozen. Sold by all druggists and horse goods houses, or sent, express paid, by the manufacturer.

SPORN MEDICAL CO., Chemists, GOSHEN, INDIANA

Make the Horse Glad and Eager for Work

Clip him before you put him at the spring work. Take off his winter coat that holds the wet sweat a dirt. He'll get more good from his feed, look better, rest better and give you better service in every way. Don't buy any but

The Stewart Ball Bearing Clipping Machine

The machine that turns stump clips faster and cleaner and stays longer than any other. It saves all the hard and cut from solid steel. It's easy to use, protected and runs for years. It's the best of its kind. Has six feet of new style, easy running. EASY ACTION. Write for literature and prices. Stewart Ball Bearing Clipping Machine Co., Chicago, Ill.

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Get one from your dealer and you'll see for every machine is fully guaranteed.

Relieves Neuralgia

Sloan's Liniment gives instant relief from neuralgia or sciatica. It goes straight to the painful part—soothes the nerves and stops the pain. Don't rub—it penetrates.

PROOF

Mrs. RUDOLPH NISCKE, Oconto, Wis., writes—"I have used Sloan's Liniment for toothache and neuralgia in the head where nothing else would help me and I would not be without the Liniment in the house."

SLOAN'S LINIMENT

is also good for rheumatism, sore throat, chest pains and sprains.

Pains All Gone

Mrs. C. M. DOWKER, of Johannesburg, Mich., writes—"I wish to say your Liniment is the best medicine in the world. It has cured me of neuralgia; those pains have all gone and I can truly say your Liniment did cure me."

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Mr. J. R. SWINGER, of 547 So. 12th St., Louisville, Ky., writes—"I suffered with quite a severe neuralgic headache for four months without any relief. I used your Liniment for two or three nights and I haven't suffered with my head since. I have found many quick reliefs from pain by the use of Sloan's Liniment and believe it to be the best Liniment on the market to-day. I can recommend it for what it did for me."

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