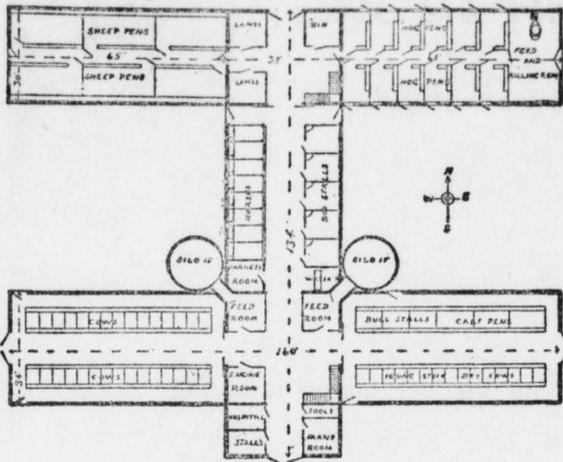


# ELABORATE STOCK BARN FOR MISSOURI STOCKMAN

Rather Odd-Shaped Structure so Built to Have All Animals Under Same Roof and Keep Each Department Separate.



Floor Plan of Stock Barn.

The stock barn herewith illustrated was planned for a Missouri stockman, writes J. E. Bridgman in the Orange Judd Farmer. The rather odd shape was adopted for several reasons: First, to have all the stock under one roof; second, to keep each department separate from the other departments; third, to reduce to the minimum the amount of labor required for feeding the stock; fourth, to save and economically use every pound of manure.

The floor plan of the structure is 34x160 feet from east to west, and 34x134 feet from north to south, and the two cells for hogs and sheep are each 30x65 feet. The walls are 10 feet to the eaves, and the roof is self-supporting, which leaves a clear space through the entire loft for storing hay, etc. All partitions are eight feet, except over the south front, where they are 10 feet from the feed rooms to the south front. This is done to allow for driving in a load of hay in stormy weather. There are 45 cow stalls, three bull stalls, two hospital stalls and three calf pens. The horse barn has eight single stalls and five large box stalls; the sheep barn has six sheep pens 11x21 feet each, and two lamb pens; the hog house has 12 pens 8x11 feet each, also a feed and killing room 15x29 feet.

The south front has a tool room, engine room and a watchman's room. Stairways are located in both north and south ends of the barn. The feed rooms for horses and cows are so arranged that the silage may be dropped down the small chute in front of the silos. The door of this chute is always closed, so that no odors may enter the cow barn. A small gas engine is used for elevating the ground feed to six hopper-shaped bins, located over the feed rooms. The feed is drawn from the bins through small spouts as wanted.

Bins for storing feed for hogs and sheep are located over the sheep and hog barns. All feed is handled with feed carriers, and the tracks run through all parts of the barn. All manure and litter is also handled with carriers, and when not spread at once, is stored in a cement manure house.

All gutters are drained to this manure pit.

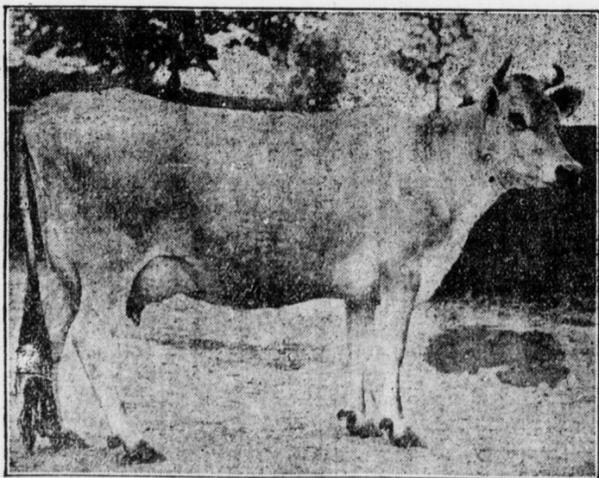
The exterior and interior are covered with matched sheathing, which is stripped with 1x2-inch strips. The strips are in turn covered with metal lath, and the lath covered with two coats of portland cement. All ceilings are treated in the same manner, except the sheathing is not used. The roof is covered with the best grade of asbestos felt roofing, which makes it practically a fireproof barn. The foundation is of native limestone, for the reason that stone can be secured on the farm at a very slight cost.

The silos, set on cement pits four feet deep, are built with 2x4-inch studs, set 12 inches on centers; 5/8x6-inch wooden hoops are bent around the outside, and are doubled, one between each door and one in the center of each door. The doors are 24x30 inches square, with 12-inch spaces between. The hoops are covered with 1/2-inch strips, and treated in the same manner as the walls of the barn. The inside walls of the silos are lined with hard-burned paving brick laid in a thin cement.

All floors of the barn are of cement, with wood slats for the horses. The horses have cast-iron gutters, but the cows have both the gutters and the mangers made of cement, and the mangers so arranged that they may be flooded with water. The floors are all trapped with drain traps, and the entire barn may be washed with a hose in a short time. The horses are watered at the cement trough located north of the east feed room, and the hogs and sheep are watered with a hose. The barn loft is supported on three-inch gas pipe, and all cow stalls are of wood, with wire guards on top. This barn is doubtless too large for many of us, but there are many things to be learned from it.

**Ensilage.**  
Ensilage is one of the cheapest succulent feeds that can be supplied to farm animals during the winter. It is good feed, handy to deal out and very much relished by all classes of stock.

## CHAMPION JERSEY FOR MILK



Another world's record has been broken. The new queen of the dairy is a beautiful Jersey cow named Sophie Nineteenth of Hood Farm, owned and tested at Hood farm, Lowell, Mass. She is the champion Jersey for milk and butter fat production of cows between four and five years of age.

During the 12 months ending December 31, 1910, on a test authenticated by the Massachusetts Agricultural college, under the rules of the American Jersey Cattle club, Sophie Nineteenth of Hood farm gave 14,272 pounds 3 ounces milk, testing 1.011 pounds 5 ounces butter or over half a ton. An accurate account was kept of her feed, and her milk sold at ten cents per quart made a profit of \$565.22.

The United States department of agriculture's estimate in round numbers of the wealth produced each year by the 22,000,000 cows in the United

States is \$800,000,000, or an average profit of \$36.36 per cow. If more attention was paid to feeding and breeding it should be easy to increase the average profit per cow to at least one tenth of the profit made by Sophie Nineteenth of Hood farm, which would raise the total to \$1,240,000,000, an increase of \$440,000,000.

### Customers for Farmers.

It pays to go down to the city and work up a trade for the farm produce. Hunt up customers for the butter, eggs, apples, potatoes, cabbage and all such stuff. Have a regular market day when you can always be found there. Folks will expect you and depend on you. They will pay you cash and at good prices as they would have to pay at the store, because they get better weight and measure and fresher produce.

### ONE OF THE EARLY BIRDS.



Mrs. Joskins—That last leg of mutton was beastly tough.

Mr. Trimmins—You surprise me, mum. Why, it was quite a young lamb.

Mrs. Joskins—Um. Must have kept late hours, then!

### DISFIGURED WITH ECZEMA

"Our little boy Gilbert was troubled with eczema when but a few weeks old. His little face was covered with sores even to back of his ears. The poor little fellow suffered very much. The sores began as pimples, his little face was disfigured very much. We hardly knew what he looked like. The face looked like raw meat. We tied little bags of cloth over his hands to prevent him from scratching. He was very restless at night, his little face itched.

"We consulted two doctors at Chicago, where we resided at that time. After trying all the medicine of the two doctors without any result, we read of the Cuticura Remedies, and at once bought the Cuticura Soap and Ointment. Following the directions carefully and promptly we saw the result, and after four weeks the dear child's face was as fine and clean as any little baby's face. Every one who saw Gilbert after using the Cuticura Remedies was surprised. He has a head of hair which is a pride for any boy of his age, three years. We can only recommend the Cuticura Remedies to everybody." (Signed) Mrs. H. Albrecht, Box 883, West Point, Neb., Oct. 26, 1910.

Send to Potter Drug & Chem. Corp., sole props., Boston, Mass., for free 32-page book, a guide to skin and hair health.

**Before a Shop Window.**  
Billy—Buy me that little rocking horse, papa.

Dad—If you are a good boy, you shall have it next Christmas.

Billy—No! Buy it now. I may have a new papa before next Christmas.

### WHEN IT REALLY WAS WARM

Incident Related by Mr. Blings Put an End to the Hot Weather Stories.

"Hot in Brazil!" said the young man who had just returned from a trip to South America, according to the Chicago Daily News. "Well, I should say so. Do you know, for days at a time we couldn't take our after dinner siesta on account of the peculiar noises." "What noises?" asked the blonde stenographer, innocently. "Why, the coffee popping on the trees. You see, the sun was so hot the grains just roasted before they were picked." The old traveler yawned. "Rather warm down there, bub," he rejoined, laconically, "but when I was down there you couldn't sleep at night. Every once in a while there would sound the most extraordinary crackling noise that ever fell upon the human ear." "What were the sounds, Mr. Blings?" And Mr. Blings yawned again and replied: "The rubber trees stretching themselves."

### A Fair Return.

Minister (arousing himself in barber's chair)—All through yet.

Barber—Aye, lang syne.

Minister—Then I must have been indulging in a quiet nap?

Barber—Ye wis that, sir.

Minister—It was very good of you not to waken me. I am very thankful for what has been a most refreshing sleep.

Barber—Hoots, man, haud yer tongue; it's only a fair return. I slept all through your sermon last Sabbath.—London Tit-Bits.

### Doubts.

The Stranger—Are you quite sure that that was a marriage license you gave me last month?

The Official—Of course! What's the matter?

The Stranger—Well, I've lived a dog's life ever since.—Sketch.

### True to Her Nature.

Maud—Did you hear the news? Madge has eloped.

Jack—Madge always was a flighty sort of a girl.

Hamlin's Wizard Oil is recommended by many physicians. It is used in many public and private hospitals. Why not keep a bottle on hand in your own home?

How easy it is for the people who are down on excitement in religion to fire all their gasoline at a baseball game.

Dr. Pierce's Pleasant Pellets regulate and invigorate stomach, liver and bowels. Sugar-coated, tiny granules, easy to take as candy.

No woman can be happy who has too much time to think of things that are none of her business.

## Women's Secrets

There is one man in the United States who has perhaps heard more women's secrets than any other man or woman in the country. These secrets are not secrets of guilt or shame, but the secrets of suffering, and they have been confided to Dr. R. V. Pierce in the hope and expectation of advice and help. That few of these women have been disappointed in their expectations is proved by the fact that ninety-eight per cent. of all women treated by Dr. Pierce have been absolutely and altogether cured. Such a record would be remarkable if the cases treated were numbered by hundreds only. But when that record applies to the treatment of more than half-a-million women, in a practice of over 40 years, it is phenomenal, and entitles Dr. Pierce to the gratitude accorded him by women, as the first of specialists in the treatment of women's diseases.

Every sick woman may consult Dr. Pierce by letter, absolutely without charge. All replies are mailed, sealed in perfectly plain envelopes, without any printing or advertising whatever, upon them. Write without fear as without fee, to World's Dispensary Medical Association, Dr. R. V. Pierce, Pres., Buffalo, N. Y.

### DR. PIERCE'S FAVORITE PRESCRIPTION

Makes Weak Women Strong, Sick Women Well.

**Facing the Future.**  
"Even when Henrietta gets the vote," said Mr. Meekton, "I don't believe she will be quite satisfied."  
"Why not?"  
"We'll have to reorganize the ballot so that when there's an election she can stay at home and let me attend to that along with the rest of the errands."

**Up to Him.**  
Tom—I'm dead sore. I lost \$5 today. I feel like somebody ought to kick me.  
Tess (absently)—Why don't you ask father for my hand tonight—he's right in the library.

**ONLY ONE "BROMO QUININE."**  
That is LAXATIVE BROMO QUININE, food for the signature of R. W. GROVE. Used the World over to Cure a Cold in One Day. 2c.

Actions, looks, words—steps from the alphabet by which you spell character.—Lavater.

For a disordered liver, take Garfield Tea, the Herb laxative. All druggists.

The busiest thing in the world is idle curiosity.

## FREE SAMPLE OF LAXATIVE CURED THEIR CONSTIPATION

When a person has become discouraged through years of failure to find a cure, and finally, perhaps, gives up trying, it is small wonder that he becomes skeptical. And yet, to all who have constipation, we would say, "Try just one thing more."

We wish you would try Dr. Caldwell's Syrup Pepsin, a laxative tonic that has been used for a generation. Thousands are using it; surely some of your friends among the number. You can buy it of any druggist at fifty cents and one dollar a bottle, but better still, send your name and address to Dr. Caldwell for a free sample bottle. He will send you enough to convince you of its merits, and then if you like it you can buy it of your

**ABSORBINE**  
Will reduce inflamed, strained, swollen Tendons, Ligaments, Muscles or Bruises. Cure the Lameness and stop pain from a Sprain, Side Bone or Bone Spavin. No blister, no hair gone. Horse can be used. \$2 a bottle delivered. Describe your case for special instructions and Book \$2 free.  
ABSORBINE, the liniment for mankind, relieves strained, torn ligaments, enlarged glands, veins or muscles—beats all other liniments. \$1.00 a bottle at dealers or delivered.  
W. F. YOUNG, P. O. F., 210 Temple St., Springfield, Mass.

**DR. J. D. KELLOGG'S ASTHMA**  
Remedy for the prompt relief of Asthma and Hay Fever. Ask your druggist for it. Write for FREE SAMPLE NORTHROP & LYMAN CO. Ltd., BUFFALO, N. Y.

The use of the  
**Gillette**  
KNOWN THE WORLD OVER  
starts habits of energy—initiation

W. N. U., CLEVELAND, NO. 13-1911.



# Colds and Chills Bring Kidney Ills

February, March and April are the backache months, because they are months of colds, chills, grip and pneumonia, with their congesting, weakening influence on the kidneys. Colds, chills, or grip strain the kidneys and start backache, urinary disorders and uric acid troubles. You feel lame, weak and tired and have headache, dizzy feelings, achy muscles and joints; too frequent, painful urinary passages, sediment, etc. Chills hurt the kidneys. Likewise well kidneys often prevent taking cold, by helping to pass off the waste matters of cold congestion. Doan's Kidney Pills are very useful in the raw winter and spring months. They stop backache and urinary disorders, keep the kidneys well and prevent colds from settling on the kidneys. Strong testimony proves it. What better evidence could you ask?

### CONVINCING PROOF FROM GRATEFUL USERS

#### TERRIBLE CASE OF DROPSY.

Lebanon, Ind., Man Gives Vivid Description of His Suffering.

John T. Anderson, 613 W. Main St., Lebanon, Ind., says: "I was taken suddenly with agonizing pains through my kidneys, followed by a stoppage of the urine. I called in a physician, but he gave me only temporary relief, by drawing the urine with a catheter. I was soon in such agony I could not lie in bed, and for four weeks sat in a chair, propped up by pillows. After about a month, it seemed as if something burst and I passed a regular flood of water, mixed with blood and mucus. After that I had not a particle of control over the secretions. The doctor said he could do no more for me, and everyone thought I would die. My friends marvel at my recovery. Nine boxes of Doan's Kidney Pills saved my life and made a permanent cure. I gained 28 pounds and have had no trouble since."



#### TEN YEARS OF SUFFERING.

Restored at Last to Perfect Health by Doan's Kidney Pills.

Mrs. Narcissa Waggoner, Cartersville, Ill., R. F. D. No. 2, says: "For over ten years I suffered terribly with backaches, headaches, nervous and dizzy spells. I was restless at night and in the morning arose so tired as to be almost unable to do my household work. The kidney secretions were unnatural and gave me a great deal of trouble. One day I suddenly fell to the floor where I lay for a long time unconscious. Three doctors who treated me diagnosed my case as paralysis and said they could do nothing for me. As a last resort I began using Doan's Kidney Pills and was permanently cured. I am stronger than before in many years and my kidneys are in perfect condition."



### A TRIAL FREE

Test Doan's Kidney Pills Yourself  
Cut out this coupon, mail it to Foster-Milburn Co., Buffalo, N. Y. A free trial package of Doan's Kidney Pills will be mailed you promptly.  
No. 153



# DOAN'S KIDNEY PILLS

Sold by all dealers. Price 50 cents. FOSTER-MILBURN CO., Buffalo, N. Y., Proprietors.

