

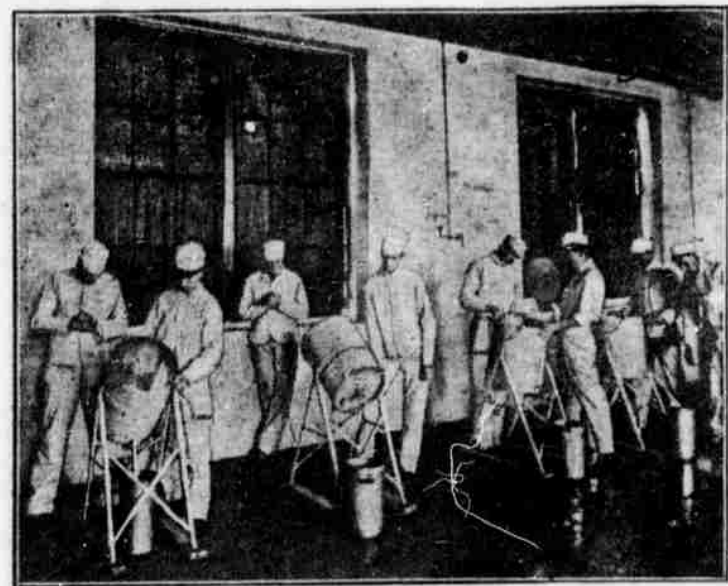
## University Dairy Herd

Some of Our Cattle Produce Over Five Times  
As Much Butter Fat As the Average Cow Yields

By C. H. Eckles, Professor of Dairy Husbandry, College of Agriculture, U. of Mo.

The dairy herd of the university now consists of about 85 head, representing the Jersey, Holstein, Ayrshire and dairy Shorthorn breeds. So far the Guernsey breed has not been represented, not because this breed is not desirable for this state, but on account of lack of facilities. We hope some time in the future to have representatives of this breed.

The beginning of our dairy herd was in 1885, when the College of Agriculture purchased four Jersey cows.



Students in the College of Agriculture making butter.

All the Jerseys that have been on the farm since are descendants from these foundation cows. At the present time there are something over 40 animals of this breed. A large number are disposed of each year for breeding purposes to farmers of this and other states.

The policy that has been pursued in developing this herd is to keep only those animals that show they are capable of producing a sufficient amount of milk and butter fat to make them profitable. Beauty, while desirable, ranks second to utility. The best animals are never offered for sale at any price and the poorer ones are constantly culled out.

Among our Jerseys several have attracted considerable attention on account of their milk and butter records. Six years ago Pedro's Estrella completed a year's record of 712

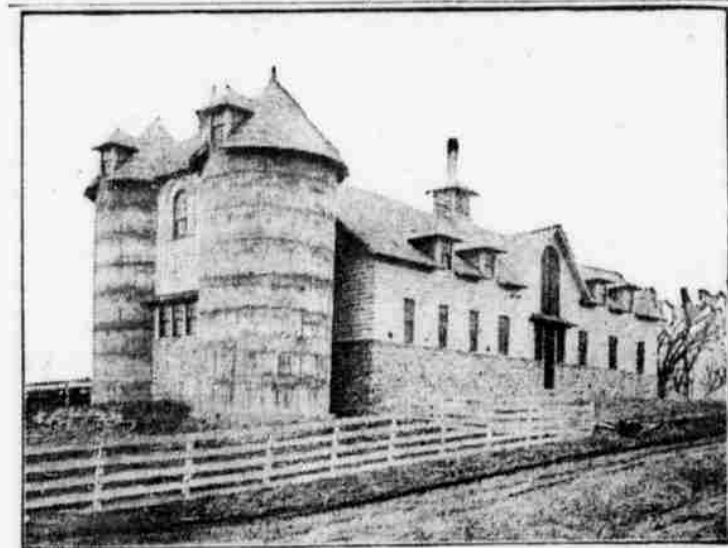
Jerseys, Holsteins and Ayrshires are held in our herd.

### Ayrshire Herd.

In 1906 three Ayrshire cows were purchased from New York State, and these have increased until we now have 12 head. This breed is receiving some attention at our hands, because we consider it especially well adapted for the southern part of the state and hope to see it introduced there in the future. While none of these cows of this breed have made phenomenal records, several of them have qualified for what is known as the Advanced Registry, which shows special merit as dairy cows.

### Dairy Shorthorns.

The Dairy Shorthorns represent that class of animals that have come to be known as "dual purpose," meaning that they are bred for both milk and beef. Those which we have come from New York State and have been



Two re-inforced concrete silos in connection with new dairy barn, University of Missouri.

pounds of butter, which was the highest record for the breed at that age and remained so for over two years. Four years ago our herd contained five animals with yearly butter records of over 700 pounds. At that time there were 17 in the herd holding such records. Up to the present time nine cows in our herd have produced over 700 pounds of butter each in one year and three have exceeded the 800-pound mark.

As a basis for comparison, in order that it may be understood what these records mean, it might be said that the average cow in the state used to supply cream to the creameries produces a little less than 140 pounds of butter in a year. We have had six Jersey cows, and several of other breeds, each of which has produced as much butter in one year as five average cows of the state.

At the present time eight bulls bred by this department are at the head of agricultural college herds.

### Holstein Breed.

The present herd of Holsteins are descended from three cows of this breed which the writer purchased for the university in 1902. The rapidity with which a valuable herd may be developed is shown by this Holstein herd. From an investment of less than \$500 11 years ago we have sold

pure-bred stock to the amount of over \$3,420 in cash and have 26 head of females on hand that are worth not less than \$6,000.

We have been especially fortunate in developing a number of excellent animals of this breed. We recently photographed five Holstein cows in the herd whose average milk record is 20,239 pounds per year. Both the highest and the second highest milk and butter records for the state for

### One Superstition Exploded.

Contrary to general belief, a man does not look for a white horse when he sees a red-headed girl. Instead, he continues to look at the girl until she disappears from view.

## WOMAN A GREAT SUFFERER

Tells How She Was Restored  
To Health by Lydia E.  
Pinkham's Vegeta-  
ble Compound.

Grayville, Ill.—"I was a great sufferer of female complaints for a year and I got nothing that helped me until I began taking Lydia E. Pinkham's Vegetable Compound. I was irregular and had cramps so bad that I had to go to bed. Now I have better health than I have had for years and I cannot speak too highly of your medicine."—Mrs. JESSIE SCHAAER, 418 Main St., Grayville, Ill.



### Case of Mrs. Tully.

Chicago, Ill.—"I take pleasure in writing to thank you for what Lydia E. Pinkham's Vegetable Compound has done for me. I suffered with such awful periodic pains, and had a displacement, and received no benefit from the doctors. I was advised to take Lydia E. Pinkham's Vegetable Compound, and am now as well as ever."—Mrs. WILLIAM TULLY, 2052 Ogden Avenue, Chicago, Ill.

If you have the slightest doubt that Lydia E. Pinkham's Vegetable Compound will help you, write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass., for advice. Your letter will be opened, read and answered by a woman, and held in strict confidence.

## The Wretchedness of Constipation

Can quickly be overcome by  
CARTER'S LITTLE  
LIVER PILLS.

Purely vegetable—act surely and gently on the liver. Cure Biliousness, Head-ache, Dizziness, and Indigestion. They do their duty. SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature.

Worms Know Her Song.

Mrs. B. A. Hitchcock of Canaan, an officer of the Litchfield County Equal Franchise league, has made the following statement in a letter to a local newspaper:

"I tamed half a dozen angle dogs or worms, and got them so that they would come up out of the earth and eat out of my hand. I fed them pumpkins and bran mash, but they thrive best on sauerkraut. It took me some time to tame them so that they know my knock on the earth above them from the tap of an old hen's bill. I rap softly three times and whistle 'Oh, Promise Me,' and up come the angleworms. One day I discovered that the biggest, fattest angleworm was cross-eyed."—Wineated (Conn.) Dispatch to the New York World.

## RASH ITCHED AND BURNED

400 South Hermitage Ave., Chicago, Ill.—"I was attacked with a breaking out on the inside of my arms. It was a small rash or pimple and it itched and burned, especially at night, so that before I knew it I had made myself sore. I had to wear the finest kind of cotton underwear, no woolen at all, because the least thing irritated it and made it much worse. The rash itched and smarted until at times I got no sleep at all. I had this trouble and took treatments for about one year, but they only gave me relief while taking them. Then I began using Cuticura Soap and Ointment and I got relief right away. In three months I was a well man again." (Signed) H. W. Foley, Nov. 5, 1912.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address postcard "Cuticura, Dept. L, Boston."—Adv.

Unanswerable. Simeon Ford, New York's well-known humorist, said whimsically the other day, apropos of the death of J. Pierpont Morgan: "We learn from Mr. Morgan's life that wealth does not bring happiness. We know already that poverty doesn't bring it, either. What on earth then is a man to do?"—Argonaut.

For the treatment of colds, sore throat, etc., Dean's Mentholated Cough Drops give sure relief—at all good druggists.

Dry. Miss Gush—I simply bathe in talcum powder—I do love it.

Miss Sar-Castle—Sort of a dry cleaning, eh?—Judge.

A miser is one of the things that will keep in any climate.

Most Any Time. The scene is set. A country road, trees, sky, summer homes, a lake in the distance. A steam railway line crosses the road at right angles. Enter, up the road, an automobile, well loaded and running at high speed. Both automobile and train are rushing toward the crossing. Owner of automobile to chauffeur: "Can you make it?" The chauffeur, speeding up: "Sure I can make it." He doesn't.—Cleveland Plain Dealer.

Thinking of the Mexican Mess. "Let's see, the English motto is 'Dieu et mon droit,' isn't it?" "I believe so." "Well, what is the motto of America?" "Dieu et Monroe."

Easily Seen. "Have the Jinxes a family skeleton?" "Yes, and she's wearing one of these silhouette gowns, too."—Liverpool Mercury.

Its Nature. "I wonder what the intoxication of flying is like." "It must be an airtight feeling."

The self-made man doesn't have to carry a union card.

## LOSING APPETITE FOR NUTS

Writer Bemoans the Passing of the Ancient Fondness That Made Winter Evenings a Joy.

The old butternut, a very rich and fragrant nut of the olden time, has almost disappeared. Very few people of the present generation have ever tasted a butternut. The black walnut is becoming fewer, and in a generation hence it will hardly be known. And yet it is a precious nut, full of goodness and rare taste. Those old pans of cracked walnuts, in the long winter evenings, made up a family joy that has never been surpassed. The hickory nuts, especially the good old shellbarks, figured prominently in those nutty days, and the chestnuts, too, including the hazel nuts and beech nuts; but they are all growing scarcer, and have sadly strayed away from the human heart.

The pecan is becoming the great American nut. There are thousands of trees cultivated in the south, and the nut has become commercially important. Trees are reported bearing \$200 to \$500 worth of nuts per acre. It is a rich nut, but quite too hard for the novice to pick out the kernels. There are, however, machines that do the work perfectly. But, after all, for rich, well-flavored and grand mouthfuls of nuts, give us the English walnut.—Ohio State Journal.

## KEEP THEIR HEADS STEADY

Australian Statesman Asserts Women Prevent Conditions of Political Turbulence.

The prime minister of Australia, where the women have suffrage on equal terms with men, was interviewed while on a visit to London on the results of woman suffrage in his country. He is quoted as saying:

"Women's suffrage steadies political feeling. In democratic countries turbulence is always a danger. Well, in a time of political excitement men will let themselves loose. Women won't. They don't want hysterics. They don't want earthquakes. They are the domestic economists, and they have to calculate the needs of their households pretty closely every week. This is why economic questions are more carefully studied now and why you get steadier, more sober, more wholesome opinion on all questions connected with the home."

Possibly no stronger conclusion can be deduced from the eleven years' experience of woman suffrage in Australia than the fact that its national parliament, by unanimous vote, adopted a resolution declaring its entire success and calling upon the parliament of Great Britain to enfranchise women.—New York Evening Post.

## JUDGE CURED, HEART TROUBLE.

I took about 6 boxes of Dodds Kidney Pills for Heart Trouble from which I had suffered for 5 years. I had dizzy spells, my eyes puffed, my breath was short and I had chills and back-ache. I took the pills about a year ago and have had no return of the palpitations. Am now 63 years old, able to do lots of manual labor, am well and hearty and weigh about 200 pounds. I feel very grateful that I found Dodds Kidney Pills and you may publish this letter if you wish. I am serving my third term as Probate Judge of Gray Co. Yours truly, PHILIP MILLER, Cimarron, Kan.



Correspond with Judge Miller about this wonderful remedy. Dodds Kidney Pills, 50c. per box at your dealer or Dodds Medicine Co., Buffalo, N. Y. Write for Household Hints, also music of National Anthem (English and German words) and recipes for dainty dishes. All 3 sent free. Adv.

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The self-made man doesn't have to carry a union card.

## WHENEVER YOU NEED A GENERAL TONIC - TAKE GROVE'S

The Old Standard Grove's Tasteless chill Tonic is Equally Valuable as a General Tonic because it Acts on the Liver, Drives Out Malaria, Enriches the Blood and Builds up the Whole System. For Grown People and Children.

You know what you are taking when you take Grove's Tasteless chill Tonic as the formula is printed on every label showing that it contains the well known tonic properties of QUININE and IRON. It is as strong as the strongest bitter tonic and is in Tasteless Form. It has no equal for Malaria, Chills and Fever, Weakness, general debility and loss of appetite. Gives life and vigor to Nursing Mothers and Pale, Sickly Children. Removes Bileousness without purging. Relieves nervous depression and low spirits. Arouses the liver to action and purifies the blood. A True Tonic and sure appetizer. A Complete Strengthening. No family should be without it. Guaranteed by your Druggist. We mean it. 50c.



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Can be handled very easily. The sick are cured, and all others in the stable no matter how long they have been in the distemper. Give 20 drops of the medicine in feed. Acts on the blood and expels germs of all forms of distemper. Best remedy ever known for mares in foal. One bottle guaranteed to cure one case. 50c and a bottle by mail. Full directions of druggists and harness dealers, or send express paid by manufacturer. Cut shows how to position bottle. One free booklet given every thing. Local agents wanted. Largest selling house remedy in existence—twenty years.

SPCHN MEDICAL CO., Chemists and Bacteriologists, Coshen, Ind., U. S. A.

## WINCHESTER

Pistol and Rifle Cartridges Winchester cartridges adapted to Winchester rifles are made to get the best possible results out of them. As the same equipment, organization and system are employed in making all Winchester cartridges, it naturally follows that Winchester cartridges produce the best results in all firearms. Winchester cartridges are made for all calibers and makes of rifles, revolvers and pistols. Sold everywhere. Ask For The Red W Brand.

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FOR MEN AND WOMEN  
BEST BOYS SHOES IN THE WORLD  
\$2.00, \$2.50 and \$3.00  
The largest makers of Men's \$3.50 and \$4.00 shoes in the world.  
Ask your dealer to show you W. L. Douglas shoes \$2.50, \$3.00 and \$3.50. Just as good in style, fit and wear as other makes costing \$5.00 to \$7.00—the only difference is the price. Shoes in all leather, styles and shapes to suit everybody. If you could visit W. L. Douglas large factories at Brockton, Mass., and see for yourself how carefully W. L. Douglas shoes are made, you would then understand why they are worn so much better, look better, hold their shape and wear longer than any other make for the price.  
If W. L. Douglas shoes are not for sale in your vicinity, order direct from the factory and save the middleman's profit. Write for every member of the family, at all prices, by parcel post, postage free. Write for illustrated catalog. It will show you how to order by mail, and why you can save money on your footwear. W. L. DOUGLAS — Brockton, Mass.

Boys Prefer the Farm. The farm boy has a tremendous advantage in the world. Early he is trained to self-reliance, to performance of duties, to regular labor. He has a sound body. He is eminently fitted to do the greatest things done in the world. He recognizes that the farm is the best place in the world in which to live. Ten chances to one he would prefer to stay on his father's farm. If the father can learn to make the farm pay well, if he can make it progressive, with hope of fine achievement at the end of the struggle, then most boys will stay. It is when the farm is stagnant, unprogressive, dead, almost hopeless, that the young man sets his face resolutely away from the farm.—Breeder's Gazette.

Turn About is Fair Play. "A famous tenor," said Giulio Gatti-Casazza, "was invited one night to dinner by a Chicago trust magnate. The dinner was superb, but at its end the trust magnate asked the tenor to sing. This, of course, was as bad as inviting a doctor to dinner and then asking for a free prescription. So the tenor politely declined. The trust magnate, however, insisted. After five or ten minutes of this, the tenor said, with a laugh: 'Oh, well, every one to his trade. Let me see you pick a pocket. Then I'll sing.'"

Against a Stone Wall. "My poor man, you are the picture of dejection," sympathetically declared the prison visitor.

"And a framed picture, at that," added the convict.—Buffalo Express.

Not This Time. "Did you take in boarders this summer, Sam?" "No, sir; they was on to us."

Courageous. He—I've half a mind to kiss you. She—is the other half out of commission?—Boston Evening Transcript.

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PARKER'S HAIR BALM. A toilet preparation of merit. Stops the hair from falling out. Restores Color and Beauty to Gray or Faded Hair. 50c and \$1.00 at Druggists.

JOHN L. THOMPSON'S EYE WATER. Quickly relieves eye irritation, caused by dust, wind, or cold. Restores vision. Write for free booklet. JOHN L. THOMPSON AND SONS CO., Troy, N.Y.

## Death Lurks In A Weak Heart

If Yours is fluttering or weak, use RENOVINE. Made by Van Vleet-Manfield Drug Co., Memphis, Tenn. Price \$1.00