Picking a Good Dairy Cow

Outward Appearances Important

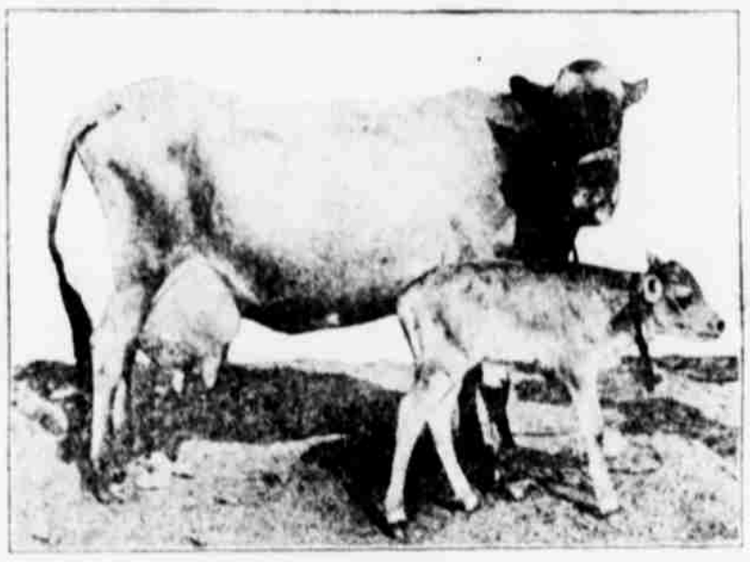
By E. G. Woodward, Assistant in Dairying, University of Missouri.

The function of a dairy cow is to produce milk. The more and richer the milk she will give, the more desirable she is for the dairy.

In judging a dairy cow we must rate her power to produce milk by her outward appearance. If this can be done, as it undoubtedly can, there must be some definite relation between the form or outward appearance of the cow and her main function—that of producing milk.

There are a few main points which do more to indicate the milk producing powers of a cow than all the others.

It is commonly observed and universally conceded that to be a heavy milker a cow must have a well developed milk secreting system. Such a system is indicated by well developed "milk veins"—so called—and large "wells" where these veins enter the abdomen. A pliable, well formed udder of large or medium size which is held up close to the body and attached far forward along the belly and high up behind, is a very important indication.



This cow, owned by the Missouri College of Agriculture, has recently brought her tenth calf. She has produced, in her lifetime, 44 tons of milk and 1682 pounds of butter. She is a Jersey and was born in the college herd.

A digestive system of great capacity is essential to handle the great amount of food from which the milk is made. Such a digestive system is indicated by the size and shape of the barrel. As illustrated, it should be long, wide, and deep, yet not unduly low and heavy.

A further indication is the natural lean, angular appearance of the dairy cow, which indicates that she will put fat into the milk instead of on her body. She has a clean cut appearance all over, accompanied by a mellowness and pliability of skin not presented by a beef animal in the same condition of flesh.

One of the best cows in the herd at the University of Missouri, showing the great depth of barrel necessary to handle the large amount of feed required.

Long attachment of the udder is very important in a good dairy cow. It should extend far forward and high up behind.

WHEN TO CUT SILO CORN

EXPERIENCE HAS SHOWN WHEN CROP SHOULD BE CUT.

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

Missouri farmers are learning by experience that corn for silage should be cut later in its stage of development than has been the practice heretofore. Corn cut and put into the silo when the ears are just beginning to form usually results in sour silage. Moreover at this stage of growth the ear contains a comparatively small amount of food and is mostly water. Some of the feeding value of the silage is lost if the corn is cut too early.

The proper stage to cut corn for silage is when it shows the first sign of ripening. In a year of normal rainfall, this is when the husks first begin to turn yellow at the end of the ear, while the leaves of the plant are still green. At this time the kernels are entirely past the milk stage and are glazed and dented. Silage made from such corn does not develop much acid, as when cut in a less mature stage, although it still develops a sufficient amount to preserve it.

If the corn crop gets past this point before it is possible to put in the silo, and the leaves and husks are dried, it is always advisable to add some water. The cut corn as found in the silo at filling time should feel moist to the touch. Corn can be put into the silo with reasonable success even up to the time when the leaves are nearly dry, provided a sufficient amount of water is used to wet it up. No bad results follow the use of too much water. It means that there will be more water to carry out when the silage is fed.

On the other hand, if too little water is used, the silage may spoil by the formation of mould. For this reason it is advisable to be on the safe side and use too much rather than too little water. The water may be added to the silage at the time of filling by running it into the blower with a hose from a barrel, or inconvenient, it may be added to the silage in the silo as the filling progresses.

In putting kaffir corn or sorghum into the silo, the seed should be past the milk stage and the stalks beginning to show the first signs of ripening. If a crop of corn, sorghum, or kaffir corn becomes frosted it is well to go ahead with the work, using an abundance of water so as to moisten the entire mass properly.

DELICACY MADE FROM SOUR MILK.

Healthful Summer Dessert Better Than Ice Cream.

A new frozen delicacy has been tried and is being advocated by the University of Missouri Dairy Department. It is neither ice cream nor sherbet, but is half way between and is said to be better than either. It is made with sour milk as a basis, and is flavored with lemons, sugar, and some fruit syrup, with eggs to give it body and a more pleasing favor.

The claim is made for Lacto—the name of the new dessert—that it has a distinct medicinal value, especially during hot weather. The lactic acid which is found in the sour milk is the same that has long been mentioned as a cure and a preventive of intestinal troubles. Furthermore, the sour milk contains much real food material, which can not be said of sherbets and ices.

Only milk that has been clean and has soured with a pleasant flavor is suitable for Lacto. In commercial making, a "starter" is used similar to the one used for ripening cream in creamery butter making. A recipe used at the University creamery calls for three gallons of clean soured milk, nine pounds of sugar, twelve eggs, twelve lemons, and a quart of red raspberry juice.

When smutted heads are found in the oats it should be remembered that the simple formaldehyde treatment advocated by the University of Missouri will prevent it next year.

No careful farmer is in the least danger of burning a strawpile in the year 1912. Only those men who have no thought for either the future or the present are likely to do such a trick as that. The soil is good enough to grow fairly good crops yet, but it could be better. It will grow better only by careful methods.

It is not altogether the fault of the cattle business if one finds that he cannot make money raising a scrub steer to three years of age.

A bull 10 months of age is scarcely old enough for service, but if used carefully it will not injure him.

SPLENDID OUTLOOK FOR CROPS IN WESTERN CANADA

RELIABLE INFORMATION FROM THE GRAIN FIELDS SHOW THAT THE PROSPECTS ARE GOOD.

This is the time of year when considerable anxiety is felt in all the northern agricultural districts as to the probable outcome of the growing crops. Central Canada, comprising the Provinces of Manitoba, Saskatchewan and Alberta, with their 16,000,000 acres of wheat, oats, barley and flax, of which 6,000,000 acres may be said to be sown to wheat alone, has become a great factor in the grain markets of the world. Besides this, government returns show that every state in the Union has representatives in these provinces, and naturally the friends of these representatives are anxious to hear of their success. It has never been said of that country that it is absolutely faultless. There are, and have been, districts that have experienced the vagaries of the weather, the same as in districts south of the boundary line between the two countries, but these are only such as are to be expected in any agricultural country. The past has proven that the agricultural possibilities of this portion of Canada are probably more attractive in every way than most countries where grain raising is the chief industry. The present year promises to be even better than past years, and in a month or six weeks it is felt there will be produced the evidence that warrants the enthusiasm of the present. Then these great broad acres will have the ripened wheat, oats, barley and flax, and the farmer, who has been looking forward to making his last payment on his big farm will be satisfied. At the time of writing, all crops give the promise of reaching the most sanguine expectations.

In the central portion of Alberta, it is said that crop conditions are more favorable than in any previous year. Heavy rains recently visited this part, and the whole of this grain growing section has been covered. Reports like the following come from all parts:

"Splendid heavy rain yesterday. Crops forging ahead. Great prospects. All grains more than a week ahead of last year. Weather warm last week. Good rains last night."

From southern Alberta the reports to hand indicate sufficient rain. Crops in excellent condition. Labor scarce.

Throughout Saskatchewan all grains are looking well, and there has been sufficient rain to carry them through to harvest.

From all portions of Manitoba there comes an assurance of an abundant yield of all grains. Throughout southern Manitoba, where rain was needed a few weeks ago, there has lately been abundant precipitation, and that portion of the province will in all probability have a crop to equal the best anticipations. A large quantity of grain was sown on the stubble in the newer west, which is never a satisfactory method of farming, and may reduce the general average.

Taken altogether, the country is now fully two weeks in advance of last year, and in all grains the acreages sown are much larger than in 1911. This means that with auspicious weather the west will have the grandest harvest in its history. Two hundred and fifty million bushels of wheat has been mentioned as an estimate of the present growing crop, and it looks now as if that guess will be none too large.

Fit Punishment.

The Wicked Soul was sitting on a hot stove, drinking molten lava and fanning himself with a chunk of red hot sheet iron.

"And who is the poor wretch?" asked Dante.

"That," replied Satan, "is the first man who said, 'Is it hot enough for you?'"—Milwaukee Sentinel.

A Lottery.

"Is that picture one of the old masters you were telling me about?" asked Mr. Cumrox.

"Yes," replied the art dealer. "It is a genuine treasure; absolutely authentic."

"I'll buy it. I already have three just like it, and somewhere in the bunch I'm liable to hit the original."

Many a girl strives to make a name for herself rather than attempt to make a loaf of bread.

Stop the Pain.

The hurt of a burn or a cut stops when Cole's Carbolisalve is applied. It heals quickly and prevents scars. 25c and 50c by druggists. For free sample write to J. W. Cole & Co., Black River Falls, Wis.

Obviously Unnecessary.

"Look here, Snip," said Slowpay, indignantly, to his tailor, "you haven't put any pockets in these trousers."

"No, Mr. Slowpay," said the tailor, with a sigh; "I judged from your account that you never had anything to put in them."

Old griends are best, but many a woman deludes herself with the idea that she is too young to have any old friends.

HAD TERRIBLE ITCHING, BURNING HUMOR ON FACE

Covered With Scabs. Very Embarrassing. Resinol Cured.

Here is proof indeed of what Resinol will do for sufferers from tormenting, unsightly skin humors. Mr. Will D. Hays, Russellville, Tenn., says:

"I caught sycosis or barber's itch. My face would get to smarting and burning, and great red welts would come on it, and in a few hours my face would be covered with scales or scabs the size of wheat bran. It would itch a great deal and the more I rubbed it, the worse it became. It even got up in the edge of my hair. It certainly was very embarrassing as well as annoying, too, as everyone wanted to know what was the matter with my face. I tried several different local remedies, but they did not do any good. Then I sent for a small jar of Resinol Ointment and that one jar cured me inside of ten days. I had had the barber's itch for thirty or forty days. I believe Resinol will do the same for others." (Dated April 11, 1912.)

Resinol Ointment stops itching instantly, and with the aid of Resinol Soap is the ideal household remedy for eczema and other skin and scalp eruptions, pimples, blackheads, dandruff, tetter, scalds, sores, boils, ulcers and piles. Your druggist sells Resinol Soap (25c) and Resinol Ointment (50c), or sent postpaid on receipt of price, by Dept. 2-R Resinol Chemical Co., Baltimore, Md.

Pittsburg Chivalry.

"What's going on here?" demanded a man as he came upon two little boys battling in a vacant lot on the South side. The lad who was on top was rubbing weeds over the face of the under one.

"Stop it," said the man, grabbing the victor by the neck and pulling him away. "What in the world are you trying to do to his face with those weeds?"

"Do? Why, he swore in front of some girls, and I rubbed some smart weed in his eyes to become a great man like Abraham Lincoln."—Pittsburg Sun.

Let's Be Thankful for That.

At any rate a woman's shoes haven't yet reached the point where they button up the back.

Many a fellow is a goner before he has had a chance to be a comer.

NOT ALWAYS SO.

Gladys—So you've broken with him.

Virginia—Yes. He was entirely too hard to please.

Gladys—Gracious, how he must have changed since he proposed to you!

A girl may not marry the best man at her own wedding, but she should try to make the best of the man she marries.

Mrs. Winslow's Soothing Syrup for children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

Goodness does not more certainly make men happy than happiness makes them good.—Lavater.

Smokers like LEWIS' Single Binder cigar for its rich mellow quality.

Only a married man can fully appreciate heaven if there are no wash days or house cleaning seasons there.

Dickey's Old Reliable Eye-water cures sore or weak eyes. Don't hurt. Feels good.

Job was a patient man, but he never found the cat asleep on the piano just after he had varnished it.

SAVED FROM AN OPERATION

How Mrs. Reed of Peoria, Ill., Escaped The Surgeon's Knife.

Peoria, Ill.—"I wish to let every one know what Lydia E. Pinkham's Vegetable Compound has done for me. For two years I suffered. The doctor said I had a tumor and the only remedy was the surgeon's knife. My mother bought me Lydia E. Pinkham's Vegetable Compound, and today I am a well and healthy woman. For months I suffered from inflammation, and your Sanative Wash relieved me. I am glad to tell anyone what your medicines have done for me. You can use my testimonial in any way you wish, and I will be glad to answer letters."—Mrs. CHRISTINA REED, 105 Mound St., Peoria, Ill.

Mrs. Lynch Also Avoided Operation.

Jessup, Pa.—"After the birth of my fourth child, I had severe organic inflammation. I would have such terrible pains that it did not seem as though I could stand it. This kept up for three long months, until two doctors decided that an operation was needed.

"Then one of my friends recommended Lydia E. Pinkham's Vegetable Compound and after taking it for two months I was a well woman."—Mrs. JOSEPH A. LYNCH, Jessup, Pa.

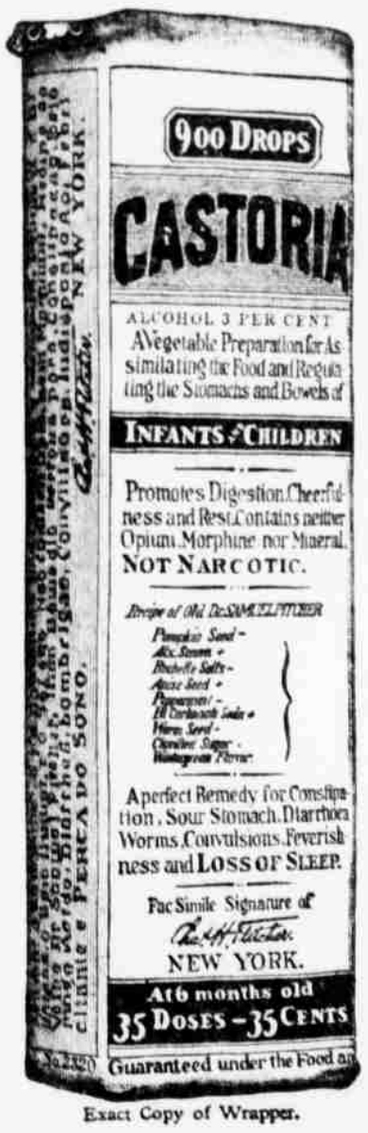
Women who suffer from female ills should try Lydia E. Pinkham's Vegetable Compound, one of the most successful remedies the world has ever known, before submitting to a surgical operation.

W. N. U., ST. LOUIS, NO. 30-1912.

Save the Babies.

INFANT MORTALITY is something frightful. We can hardly realize that of all the children born in civilized countries, twentytwo per cent., or nearly one-quarter, die before they reach one year; thirtyseven per cent., or more than one-third, before they are five, and one-half before they are fifteen!

We do not hesitate to say that a timely use of Castoria would save a majority of these precious lives. Neither do we hesitate to say that many of these infantile deaths are occasioned by the use of narcotic preparations. Drops, tinctures and soothing syrups sold for children's complaints contain more or less opium, or morphine. They are, in considerable quantities, deadly poisons. In any quantity they stupefy, retard circulation and lead to congestions, sickness, death. Castoria operates exactly the reverse, but you must see that it bears the signature of Chas. H. Fletcher. Castoria causes the blood to circulate properly, opens the pores of the skin and allays fever.



Exact Copy of Wrapper.

Letters from Prominent Physicians addressed to Chas. H. Fletcher.

Dr. A. F. Peeler, of St. Louis, Mo., says: "I have prescribed your Castoria in many cases and have always found it an efficient and speedy remedy."

Dr. Frederick D. Rogers, of Chicago, Ill., says: I have found Fletcher's Castoria very useful in the treatment of children's complaints.

Dr. William C. Bloomer, of Cleveland, Ohio, says: In my practice I am glad to recommend your Castoria, knowing it is perfectly harmless and always satisfactory.

Dr. E. Down, of Philadelphia, Pa., says: "I have prescribed your Castoria in my practice for many years with great satisfaction to myself and benefit to my patients."

Dr. Edward Parrish, of Brooklyn, N. Y., says: "I have used your Castoria in my own household with good results, and have advised several patients to use it for its mild laxative effect and freedom from harm."

Dr. J. B. Elliott, of New York City, says: "Having during the past six years prescribed your Castoria for infantile stomach disorders, I most heartily commend its use. The formula contains nothing deleterious to the most delicate of children."

Dr. C. G. Sprague, of Omaha, Neb., says: "Your Castoria is an ideal medicine for children, and I frequently prescribe it. While I do not advocate the indiscriminate use of proprietary medicines, yet Castoria is an exception for conditions which arise in the care of children."

Dr. J. A. Parker, of Kansas City, Mo., says: "Your Castoria holds the esteem of the medical profession in a manner held by no other proprietary preparation. It is a sure and reliable medicine for infants and children. In fact, it is the universal household remedy for infantile ailments."

Dr. H. F. Merrill, of Augusta, Me., says: "Castoria is one of the very finest and most remarkable remedies for infants and children. In my opinion your Castoria has saved thousands from an early grave. I can furnish hundreds of testimonials from this locality as to its efficiency and merits."

GENUINE **CASTORIA** ALWAYS

Bears the Signature of

Chas. H. Fletcher.

The Kind You Have Always Bought

In Use For Over 30 Years.

THE CENTAUR COMPANY, 77 MURRAY STREET, NEW YORK CITY.

The Writer That Does Most.

That writer does the most who gives his reader the most knowledge and takes from him the least time.—C. C. Colton.

Women waste a lot of powder when the enemy isn't in sight.

SAVE YOUR MONEY.

One box of Tutt's Pills save many dollars in doctor's bills. A remedy for diseases of the liver, sick headache, dyspepsia, constipation and biliousness, a million people endorse

Tutt's Pills

DAISY FLY KILLER

placed anywhere, attracts and kills all flies. Neat, clean, ornamental, convenient, cheap. Lasts all season. Made of metal, can't tip over, will not soil or injure anything. Handsome, effective. Sold by dealers or sent prepaid for $1. HAROLD SOMERS, 150 DeKalb Ave., Brooklyn, N. Y.

You Look Prematurely Old

Because of those ugly, grizzly, gray hairs. Use "LA CREOLE" HAIR DRESSING. PRICE, $1.00, retail.