

## BODILY VIGOR OF DAIRY BRED COWS

It is not unusual to hear slighting remarks with reference to the constitution of dairy bred cows. Not long since we discussed this subject with a reader, says the Kansas Farmer, who said that he believed that the everyday farmer was not justified in keeping pure bred stock; that three-fourths or seven-eighths grades were about as highly bred as a farmer should own. Further inquiry developed the fact that this man believed that as dairy animals approached pure breeding their constitution became weakened and so required the very best care and even then were short lived. He gave it as his opinion that the large, husky, fat beef animal possessed the most rugged and vigorous constitution. We asked the question as to whether or not this applied to the human family. The gentleman immediately saw the point and began to sidestep.

Beef animals belong to what is known as the lymphatic temperament. This temperament is exemplified in the case of fleshy humans. Some of such persons as well as some of such animals



Photo by Delaware Agricultural college.

The Jersey is a pretty good cow to pin your faith to if you wish to produce butter economically. Many Jersey breeders think that if a cow isn't a Jersey it isn't a dairy cow, but impartial observers know that there is good in any really excellent dairy cow. Rose of Greenway, the Jersey cow here shown, is owned by the Delaware Agricultural college. In five months she has made over 5,000 pounds of milk and 230 pounds of butter. She weighs about 800 pounds and promises to produce 900 pounds of butter during the year.

imals do have vigorous constitutions, showing that the constitution does not follow or depend upon the size or the amount of flesh carried. The dairy cow belongs to what is known as the nervous temperament and which corresponds with the same temperament in humans. Such temperament does not indicate nervousness, but is the temperament applied to humans as well as to animals, spare in physical makeup. Humans built on this plan are often extremely vigorous. The size or the amount of flesh carried is not at all an indication of constitution.

There is only one test of constitution, and that is the amount of work the animal is able to do and stand up under the strain. In the case of the beef animal this is the amount of flesh it is able to put on as a result of the amount of feed it consumes. If the beef cow is a vigorous animal, eats heartily, grows fat and so is not susceptible to disease we may say she has a vigorous constitution. If, on the other hand, she is not anxious for her feed, is finicky in the selection of her feed, she is regarded as lacking in constitution.

The same condition applies exactly to dairy cows, the size of the frame or the quantity of meat on that frame not being a consideration. The fact is that the dairy cow in the production of dairy products has a strain on her animal body which is in no manner equaled by the beef animal. If she were weak constitutionally she would not be able to withstand this strain. The life of the dairy animal is as long as that of the beef animal, and there is no evidence whatever to show that dairy animals do not have a constitution in every respect equal to beef animals. It is a fact that in the very makeup of the dairy animal she is not able to resist cold rain and sleet to the same extent that the animal clad with a thick coat of fat and beef is. If in the handling of the dairy herd it is the intent of the farmer to expose his cows to the rigor of the elements, then he will find that his thin and spare dairy animals will not resist the elements as do the beef animals. He will find at the same time, too, that he will not get milk from the dairy animals kept under such conditions.

### Ration For Work Horses.

In government tests of feeds for work horses, made with artillery horses at Fort Riley, Kan., it has been found that the cheapest ration and the one which gave the largest gains consisted of eight pounds of corn, two pounds of oats and ten pounds of alfalfa hay and cost 13 cents per head per day. The tests were made with ten lots of horses, with about seventy-five in each lot, and seven lots containing from seventeen to twenty horses each. The gain made was 25.6 pounds per horse in 140 days.

A ration consisting of oats, corn, wheat bran and timothy hay in the ratio of 4:6:4:12 produced six pounds of gain in 120 days, and the animals showed the best condition of any in the test, but the ration cost 19 cents per day.—Farm and Fireside.

### Colic in Horses.

Horses should not take colic from eating corn if you gradually accustom them to this feed and allow it in the ear form. Where horses have to eat corn off the cob they take it in smaller mouthfuls and chew it more thoroughly than when fed shelled corn. Ground feed is always liable to cause colic.

Often the Case.



"Can you support my daughter in the manner to which she is accustomed?" "I don't know whether I can or not, but she's willing to take a sporting chance."—St. Louis Globe-Democrat.

Explained.



"When my wife wants me to do something for her she fixes up some dish I like—brains, for example." "Oh, she chooses your weak spot!"

All Was Well.



Landlady—The boarder in the next room says he can't sleep. Musician—Ah, it was goot he haf insomnia. I vas afraidt mine music might disturb him.

Different.



Son—Well, I've married her, dad, and that's all there is to it! Father—You mean that is the beginning of all there is to it.—Boston Globe.

Why He Laughed.



"My son, I'm surprised. You ought not to laugh because that old gentleman fell down." "I didn't, pop. I was laughing because he couldn't get up."—New York World.

Some Picture.



Artist—That is a very rare picture. Art Critic—Yes; I notice it is not well done.—St. Louis Globe-Democrat.

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