

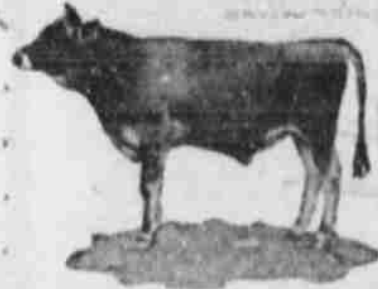
FEEDING DAIRY COWS FOR PROFIT

Many good cows that might make brilliant records are never heard from because they are not properly cared for. They get ordinary care; consequently their production is ordinary. Feed and care, says O. E. Reed, professor of dairy husbandry at the Kansas Agricultural college, are two of the three most important factors determining the profits from dairy cows. Even in a small herd, says Professor Reed, it will pay the owner to keep an individual record of every cow. One giving less than 4,000 pounds of milk a year should be sold.

To obtain the best results from feeding cows they must be fed as individuals and not as a herd. When fed as a herd some cows are overfed, while others are underfed. A desirable system is to feed according to the amount of milk produced.

The main object in feeding is to supply sufficient quantity of feed at all times to satisfy the appetite and feeding capacity of the animal and to furnish the amount of nutrients needed for the work the cow is doing.

Underfeeding is more common than overfeeding. The effect of underfeeding may not be noticed at once, as the cow will produce the milk at the expense of the fat stored within the body. If the cow declines in weight while producing milk it shows that she is not receiving enough feed. Over-



Senatorial Noble, herewith shown, was first senior calf and grand champion Jersey bull at the Texas state fair of 1912. He is owned by Fairfarms Jersey Dairy Company, Fairfarms, Tex. In the fall of 1908 Mr. E. C. Leaster, head of the dairy company, began to build up a dairy herd, with the result that the herd now consists of about 60 registered Jerseys and 1,800 high graded Jersey cows and heifers. Before going into Jersey raising Mr. Leaster was a beef cattle and horse grower.

feeding may be detected in a short time by the increase in weight or the cow being off feed.

During the winter succulent feeds are very important. By the term succulent feed is meant feed having the property possessed by green grass. This is desirable not only from its food value, but it also serves to keep the digestive organs in good condition. In the corn belt the succulent feed usually is silage. Rooks may be used, but they are more expensive than corn silage.

The ration should contain a certain amount of grain in proportion to the amount of roughage. Roughage, such as hay and silage, should form the foundation for the ration. A cow should have all this she will clean up. The grain ration is regulated by the amount of milk produced. Feeding one pound of grain for each three pounds of milk produced gives very satisfactory results. A cow producing very rich milk, however, should have a little more than this amount.

In winter the cows should be kept in dry quarters and protected from the cold. The barn need not be expensive, but should be clean, warm and well ventilated. Cold water should not be given to the cows in winter. Warm it to about 65 or 70 degrees. Cows often give one pound less of milk a day when forced to drink cold water.

Hogs Like Cleanliness.

When a farmer gets so he understands that practically all questions concerning the handling of live stock successfully so as to make money for him are included in the meaning of the word comfort he has learned a whole lot, says Kansas Farmer. Keeping the animals comfortable means to keep them well fed, but not overfed. It means to give them clean and dry sleeping quarters, with plenty of clean water to drink and a good clean place on which to eat. A hog is not naturally a dirty animal. He likes a clean bath, and he likes to eat in a clean place. If his owner deprives him of these things he retaliates by developing some disorder or disease. A hog that must eat in a dusty lot, in which filth has accumulated for years and where the only cleansing agencies have been the wind and rain, should not be blamed for coughing when the dust gets into his lungs or for picking up any stray germ that might be lying around. Of all the uses to which cement has been put on the farm there is perhaps none more important or more valuable than that of building a feeding floor for the hog.

Sheep Wisdom.

Good sheep are a good property at any time.

For fitting sheep for winter no better feed can be found than just plain oats.

It takes more to make a yearling lamb gain than it does one four months younger. Think always of the cost and act accordingly.

Don't send any of the lambs to market in this condition. The buyers discriminate against them, and they go for less than their real worth.

BEND AND LA GRANDE TIE

Local Gunners Make High Marks in State Shoot—Sunday's Scores.

When the officials of the Rod and Gun Club received the La Grande score for the 13th, it appeared that it had tied with Bend, both having 115. Sunday, therefore, in addition to the regular shoot, the tie was shot off. The result at La Grande is not yet known. The locals made a total

of 116, as follows: Kurrie 25, Weston 23, Hallberg 23, Rhodes 23, Myers 23.

The regular shoot of the day was scheduled with Pendleton. In this the local guns made a better score, getting a total of 117. The individual results were Hallberg 25, Wilkey 24, Weston 23, Howell 23 and Myers 22.

Although there was no regular class shoot Sunday, a large number of members were out and many good scores made. Out of a total of 75

birds, Kurrie got 87, Weston 64, Myers 65, Wilkey 62 and Howell 63. Out of a total of 50 birds Rhodes and J. N. Hunter got 42 each, Deyarmond 39 and Knutsen 37.

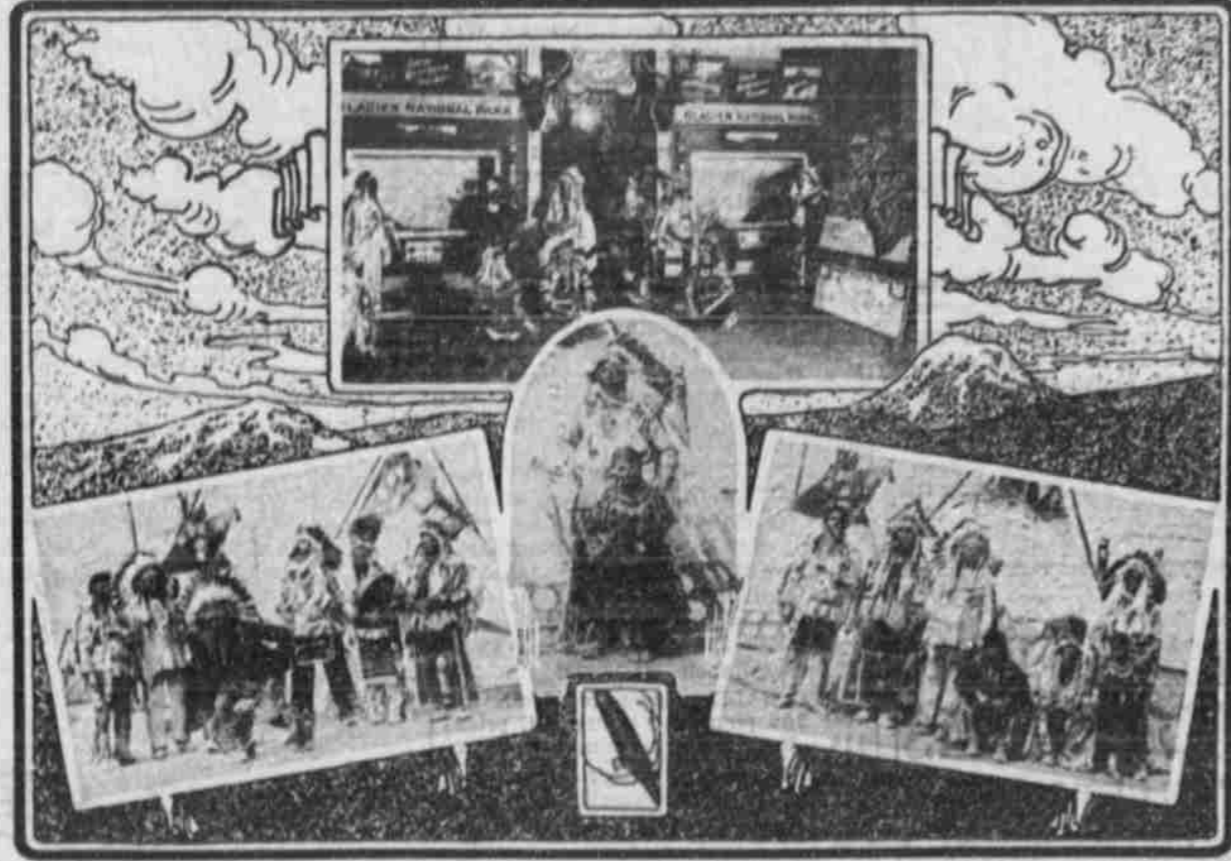
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Newcomers should get the habit of going to Innes & Davidson's barber shop.—Adv.

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BLACKFEET INDIANS FROM GLACIER NATIONAL PARK INVADE NEW YORK.



Glacier National Park over-shadowed everything in the New York Travel and Vacation Show, which was held in the Grand Central Palace March 20th to 29th. The uniqueness of the Great Northern Railway's exhibit of Uncle Sam's new playground was a marvel to New York decorative artists. The ten Blackfoot

Indians, of course lent, much color to the Glacier National Park Exhibit. Besides the Indians the marvelous beauty presented by the scenic photographs and paintings made the Glacier Park booth easily the attraction of the Show. The Indians pitched their tepee in the middle of the Exhibit and the visitors to the show

at all times of the day and night while the Show was open, thronged about the Redskins. The attendance to the Show averaged ten thousand daily. Judging from the enthusiasm shown, Glacier National Park, the tourist travel to that place this year will break all records.

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