

Intelligent Feeding of the Dairy Calf Will Later Pay Big Dividends

RIGHT FEEDING IS NECESSARY IF CALF MAKES GOOD COW

By R. C. Stewart

The importance of properly feeding the dairy calf is too often overlooked. A good cow is not made in a day. It takes two years of judicious handling and careful feeding to develop her to her best as a two year old, and then three more years to develop her into her best as a mature cow.

No matter how good her breeding, she must be developed largely through feeding. Feeding for production should start at birth instead of at first giving birth.

Stunted animals will never overcome their handicap. About twice as much feed is required to raise a calf to normal maturity than has once been stunted. It is required for an animal that has always been kept in good growing condition.

LIMIT FOR DAIRY STOCK

There are certain limits, of course, and a heifer being developed for dairy purposes should not be kept as fat as one that is being kept for beef stock, as it is likely to develop her along the wrong lines, making her turn more of her feed into flesh and less into milk. She should be kept growing and her feed gradually increased. When first freshening, she should be getting very near the same ration as the individuals in the milking herd.

Which pays the most—one cow that produces 450 pounds of butter fat in a year, or three cows that produce 150 pounds each (the estimated average for the United States)?

When one stops to realize that the lowest producer is often times the heaviest eater, and that at three scrubs eat as much as three heavy producers, it is hard to see why the scrub should be kept.

In this case, speaking of the scrub means not only the scrub from the point of breeding, but also one that is a scrub through underdevelopment from lack of feeding as a calf.

GO ON THEIR MERITS

True enough, three scrubs will bring more calves in a year, but calves sell entirely on the merits of their parents until they (the heifers) are themselves giving milk, and even then the price is to a great extent controlled by the value of the mother.

In many cases careful feeding of calves is overlooked because the quick returns are in view, but it must be realized that the calf herd today will be the producing herd in a few years and that the foundation for this producing herd must be laid day by day by carefully building this calf herd up with proper care and intelligent breeding.

As to the best time to feed for the calf, there is no doubt but what the mother's milk is the only feed to use for at least the first six weeks.

Duroc Breeders Plan Big Picnic at Salem

The breeders of Duroc swine in the Northwest are planning on a big picnic to be held at Salem on some date in June. A committee consisting of George DeRok, Oregon City, and A. N. Hoover, Silverton, representing the Duroc breeders, and E. A. Rhoten, Salem, has been appointed to arrange the details and the exact date will be announced later.

Better Outlook for Water

Medical Springs, Feb. 28.—The 22 farmers comprising the Big Creek Ditch company are anticipating a better year for water than in 1919. The water is taken out of Big creek, six miles east of here. There are 108 shares and the cost is \$5 per acre per share, and water rights are \$175 per share. It supplies 2000 inches of water. Hower Hargis, Medical Springs, is the secretary.

Orphan Lamb Shown on Cover Page

Ashland, Feb. 28.—The February number of the Orchard and Farm has for its cover page a photograph of little Patsey Herrin and one of the orphan lambs from the Fred Herrin Corriedale flock.

Poultrymen Attention

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Write for Bulletin No. 1 on Chick Feeding.

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Production of Dairy Cows Has High Rank in Jackson County

Medford, Or., Feb. 28.—Jackson county stands well up to the top of the list when it comes to dairy cows, as is shown by the December report, just out, of the county cow-testing and dairy association, as follows:

Average pounds of milk per cow, 514.5; average pounds of butterfat, 27.2; average cost of feed per cow, 39 cents. Number of cows tested during month, 202; number of cows producing over 40 pounds fat, 25. The high-grade cow of the association for the month was Omega, a high-grade Jersey owned by R. L. Ray of Medford, age 3 1/2 months since fresh. Two months' record: Milk, 702 pounds; fat, 64.5 pounds.

Three high-grade herds, as shown by the tests, are as follows: J. R. McCracken, owner—Number cows, 9; average pounds milk each, 722.6; average pounds fat each, 41.18. R. L. Ray—Number cows, 6; average pounds milk each, 717.3; average pounds fat each, 44.66. I. A. Merriman—Number cows, 15; average pounds milk each, 685.1; average pounds fat each, 35.03.

Dairymen of Alsea Valley to Buy High Grade Jersey Bull

The best Jersey bull that \$1000 will buy is to be purchased by a group of dairymen in the Alsea valley in western Benton county.

This action was taken at the close of a three-day extension school held in Alsea, January 29, 30 and 31.

The men who will participate in the purchase of the bull are W. C. Waid, L. G. Headrick, D. D. Longbottom, Sam Bowen, C. C. Burch, C. O. Rycroft, Fred Lowry and W. O. Shough.

The school arrangements which were made by the county agent, O. W. Kahle, were very largely attended. Instruction in dairying was given by E. B. Fitts of the Oregon Agricultural college.

Nearly all the dairy cattle in the Alsea valley are Jerseys or grades of that breed and it was voted unanimously by those in attendance to unite in developing the valley as a Jersey breeding center.

There are already some excellent Jersey herds there with good bulls in service. It is expected the purchase of this bull will result in the organizing of a Jersey bull association and the purchase of other bulls of like quality.

Twenty or more high class Jersey females will also be purchased by dairymen of the valley during 1920.

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OVER MILLION BUSHELS OF WHEAT ARE SIGNED FOR WASHINGTON ASSN.

Spokane, Feb. 28.—Washington wheat growers in Lincoln, Grant, Douglas and Adams counties are estimated to have signed up more than 1,000,000 bushels of wheat in the new Washington Wheat Growers' Marketing association.

Meetings have been held in these counties attended by Aaron Sapero, the famous California attorney, J. Passonneau of the Washington State college, and a representative of the United States department of agriculture, bureau of markets, and A. A. Elmore, president of the Farmers union. N. B. Atkinson, state representative to Olympia from Walla Walla, is chairman of the organization committee, and Walter J. Robinson of Pomeroy secretary.

The association consists of a group of some of the best known and biggest wheat growers in Washington.

Wheat representing 15,000,000 bushels, based on the 1918 crop, must be signed up in the Northwest before the contract becomes operative. Atkinson says the association expects to sign up this amount in Washington and Northern Idaho alone.

Livestock Questions Answered

By Dr. M. J. McGraw, Veterinarian

No. 1

Question—We have several horses that have gone blind. Their eyes turn white then clear up. This occurs several times, and finally the animal remains totally blind. Can anything be done for this trouble?

Answer—You have what is called recurrent ophthalmia or moon blindness. The animals whose eyes are permanently opaque or white in color are incurable. When they are first taken with this trouble inject equal parts of water and Lugol's solution subconjunctivally just above and below each eye. This treatment will result in a cure in a great many instances.

No. 2

Question—I have a very valuable horse that has sick spells. She will paw and lie down, and quite often rolls.

Answer—Your horse is no doubt troubled with acute indigestion or colic pains due to indigestion. I should advise a dose of mild physic, followed with a tonic as an aid to digestion. If the horse is threatened with indigestion, give

an injection of four or five quarts of warm water.

Question—Is abortion in ewes contagious and will it spread from one ewe to another.

Answer—Yes. There is no one ailment that is due to disease germs that has caused more or heavier losses than that of abortion in ewes. In a great many cases a ewe will retain her afterbirth, or a portion of it, which will cause a catarrhal infection of the genital organs, thus infecting the ram and balance of the flock that are bred after this infection takes place. I would suggest that a mild antiseptic be used and the genital organs washed out with this solution. The sheep sheds and pens should be thoroughly disinfected.

Lewis Farm Bureau Elects Officers

Chehalis, Wash., Feb. 28.—At the annual meeting of the Lewis county farm bureau the following officers were elected: George Twiss, president; V. L. Bevington, vice president; George W. Hayton, secretary; O. O. Phelps, treasurer.

INCREASED STORAGE FACILITIES NEEDED BY APPLE GROWERS

Since 1900 the production of apples in the Northwest has increased enormously, until last year Washington, Oregon and Idaho, with the help of Montana and Colorado, produced over one quarter of the total crop of the United States, and with new acreage coming into bearing it is likely that the Northwest in a few years will be producing a much greater part of the country's total crop.

BETTER FACILITIES NEEDED. Under present conditions it is impossible for the railroads to move the crop to market during the harvest season. And the growers, with existing scarcity

of labor, cannot grade, pack and prepare the crop for market in a period of two or three months. This situation has brought home to growers the necessity of providing better storage facilities in the producing districts.

In response to many inquiries for information on storage houses, the bureau of markets, United States department of agriculture, has sent a specialist to the Northwest to assist growers and shippers in the planning and construction of common storage houses. The bureau points out that it is not enough to build a storage house, but that it

must be built right, or the apples will not keep.

MUCH MONEY WASTED. Investigations have shown that much money has been wasted through improper construction of houses. The special bureau representative now in the Northwest is supplied with working drawings of storage houses that have been tested during the past five years, and is prepared to assist personally growers who expect to build during the spring and summer. His headquarters will be at the branch office of the bureau of markets, Yakima, Wash.

Jersey Cattle Breeders Organize

Chehalis, Wash., Feb. 28.—Jersey cattle breeders of Lewis county have laid plans for a permanent organization. N. C. Sorensen of Alpha was made chairman and Grant Gleason secretary at the first meeting.

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It is easy to feed and enables you to use up all the roughage on the place. We will send you on request a little booklet telling you about it, or send you a sample barrel, 600 pounds, on receipt of \$12.00. Write today to

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