

The DAIRY

FEED LIBERALLY
FOR BIG PROFITS

Farmers Make Mistake by Cutting Down on Supply.

Some farmers when they find the price of dairy feeds going up seem to think that the only and most profitable thing for them to do is to cut down on the amount of feed which they are giving their cows, and some feeders have been known to cut down to such an extent that they reduce the body maintenance requirement, says a writer in the Michigan Farmer.

It is known that a cow which is fed the proper amount and quality of feed uses about one-half of it for maintaining her body and the other half for the manufacture of her product, hence, cutting down on the ration by 10 per cent may reduce the milk flow 20 per cent while the amount of feed which is used for the maintenance of her body will remain practically the same. The animal must first keep up its body weight and then whatever feed is left over goes for the production of milk.

It is of first importance that the cows have sufficient food for both body and production maintenance. A dairy cow that is bred for production, with the right kind of handling, will pay for her feed, and in many cases she will return two dollars' worth of dairy products for every dollar's worth she consumes.

Many dairy farmers make the mistake of reducing the grain ration in the spring, when the supply of grain begins to get low and the grass is beginning to start. It is well to keep in mind that green grass can in no way compare with concentrated grain feed, until the grass crop is well established. After the stock has been fed liberally during the winter, do not reduce the ration too early in the spring, and thereby lose much that already has been gained, and in making the change do so gradually.

Prevent Tuberculosis by Thorough Cleaning

After diseased animals are found and removed from the premises, a very thorough cleaning and washing of the inside of the barn and other buildings where the animals have been should be made. This must be followed by the proper application of some approved disinfectant. The use of disinfectants without first doing the necessary and proper cleaning is ineffective for the reason that the germs of the disease must be exposed. All utensils or anything else that may have become contaminated by use around the diseased animals should likewise be cleaned and disinfected. The manure and refuse must be hauled from barnyards or lots to plowed fields, spread thin, and exposed to the sunlight. The yards and lots, including feed troughs, water troughs, and fences, can then be sprayed properly with the disinfectant.

All this means much work, but it must be done to prevent infection from spreading to the healthy animals.

Individual Feeding of Dairy Cows Is Favored

Different cows have different capacities for converting feed into milk. No man who has not a full appreciation of the wide variation in individual cows will be fully successful as a feeder. Some cows may have natural capacity for producing large quantities of milk, and may not receive feed enough for maximum production. By increasing the feed of the highest-producing cows and carefully consulting the milk sheets on which each cow's daily production is recorded, the skillful feeder will soon find that some cows in the herd will respond to the increased allowance and return a good profit on the additional feed given. On the other hand, there are cows that have a limited capacity for milk production and are very liable to be overfed. By carefully studying each individual cow the feeder will soon ascertain the point beyond which any addition to the grain ration becomes unprofitable.

Salt Overlooked

Feeding salt is seldom overlooked during the summer months as most men have flock salt before the animals at all times. During winter months dairy cows are housed in barns where they are entirely dependent upon their owner for all the feed they eat and some men overlook salt, except at irregular intervals. Large quantities of salt given at irregular intervals do not accomplish the same purpose as a regular supply.

Wintering Herd Bull

Best breeders winter the bull away from the herd, but too often he is kept in a dark, dirty stall, without exercise. Exercise, protection from weather, and a moderate ration will keep him in good condition.

Build a strong stall in a corner of the cow barn, with a strong paddock or corral adjoining, or a cable can be run from stall to some point about 50 feet from the barn; a short, strong chain run from the ring in the bull's nose to a ring on the cable.

FARM POULTRY

CHICKEN THIEVES
ARE REAL PIKERS

"Chicken thieves, which long have been the target for rather drastic action in Illinois, have been shown up as pikers by disease, a henhouse 'bandit' that too often plunders without even being noticed, much less caught, says H. H. Alp, poultry extension specialist of the college of agriculture, University of Illinois. Farmers in this state last year lost 3,000 chickens from disease for every 90 that they lost by chicken thieves," he said.

"The lesson in this for the farm flock owner is to see that the colony or brooder house and the young chickens are on clean ground that is kept clean," Alp says. "Last year a number of poultry men lost chickens from disease and parasites even after moving the house and chicks to clean ground. In most cases these losses were due to the ground within a radius of 10 to 15 feet of the house getting badly contaminated with droppings and filth. Good clean range will be of little value in preventing disease trouble as long as the ground adjoining the house is dirty.

"To prevent this, move the house a few feet every month, plow or spade the ground around the house, or what may be the simplest and best way, sweep the ground weekly with a good stiff broom and do away with the sweepings. Such a cleaning will help prevent both round worm and coccidiosis organisms from completing their life cycles.

"Like that around the colony house, the ground around the mash hopper and the drinking dish soon become contaminated with droppings. To overcome this, hoppers and drinking dishes may be placed on platforms with a one-quarter or one-half inch mesh wire top.

"House flies should be guarded against for they are an intermediate host for tapeworms. All filth and rubbish which breeds flies should be destroyed. Using rock phosphate and gypsum on chicken manure will check fly breeding."

Proper Feed for Flock During Winter Season

On the feeding of the flock depends to a large extent not only the general health of the birds, but also the economy which promotes success. It is a subject, however, which should be studied with a large amount of common sense, for there are no hard and fast rules which can be laid down as applying to every case. The price of feeds and the general environment should be considered in determining the right rations.

For the largest profit a good proportion of the eggs should be secured during the winter. If two extra eggs a week can be obtained from each hen a good profit will be made, while if the product is increased by only one egg a week in winter, this one egg will pay for all the feed the hen eats. To obtain this greater production not only should the fowls be young and of a good laying breed, but the feeder should have full knowledge of the proper feed and its preparation.

The nutriment in the feed of laying hens serves a two-fold purpose—to repair waste and furnish heat to the fowl.

Geese Thrive Best if They Are Given Range

Unlike other fowls, geese are by nature more like sheep or cattle, as they are grazing fowls and should have access to good pasture, and will thrive best on free range which they should have both winter and summer. Even when the ground is covered with snow, geese will find plenty of grass along a stream of water. Clover hay and corn stover are fine for them to pick at during the winter months, and if they have a good supply they will need but a very small amount of grain. In the summer, when they can get plenty of grass, they do not need a single kernel of grain and will thrive and keep in fine condition without it.

Poultry Business

Poultry is now the sixth agricultural commodity in value in the United States, amounting to \$1,181,000,000 in poultry and eggs during the past year. Harry R. Lewis, of Rhode Island, president of the National Poultry council, called on General Lord, director of the budget bureau recently, in company with several members of the organization to ask for larger appropriations for the fiscal year 1930, to solve new problems arising in the poultry industry.

Storing Poultry

During some periods of the year large quantities of dressed birds of different kinds are put into storage. The heavy packing season is during the fall and winter months. The broiler season comes on during the late spring and summer months. The rapid changes which are taking place in the production of poultry makes the marketing more of a year-round business than was the case five or ten years ago. This reduces the number put into storage.

Carverton

Mrs. Shay Lewis entertained at a dinner in honor of her sister and brother-in-law, Mr. and Mrs. Harry Naugle, of Harlem, Montana, who have not been here for twelve years. The following were guests: Mr. and Mrs. Harry Naugle, of Montana; Mr. and Mrs. Charles Callander, of Sweet Valley; Mr. and Mrs. Ralph Lewis and Mr. Oliver Williams, of Shavertown; Mrs. Bertha Anderson, Mr. and Mrs. John Parris, of Lehman; Mr. and Mrs. Shay Lewis and son Harold.

Mrs. Isaac Coursen called on Miss Ida Anderson recently.

Mrs. Bertha Anderson called on Miss Carrie Coursen recently.

Mr. M. J. Hefft and Mrs. Elizabeth Spade motored to Binghamton recently.

Sunday School will be held at 9:30 followed by church at 10:30. Sunday School officers will be elected, also communion served.

The active and honorary members of the Queen Esthers held a Christmas party in the church basement on Saturday night. A nice time was had by all.

Miss Mary and Edna Hefft called on Mrs. Jacob Hefft recently.

Mrs. Harry Brown, of Old Forge, spent a few days with her sister, Mrs. George Knorr.

Mr. and Mrs. George Knorr and children, Margaret, Etta, Sarah and Charles called on Mrs. Mary Knorr recently.

Miss Edna and Mary Hefft called on Mrs. Bertha Anderson recently.

Mrs. Isaac Coursen attended the Ladies' Aid dinner that was held at Mt. Zion.

Mrs. Bertha Anderson and daughter, called on Mrs. Isaac Coursen recently.

Mrs. Charles Gensel called on Mrs. Bertha Anderson recently.

Sunday School will be held at 10 o'clock, church services at 7:30.

Mr. and Mrs. Clarence Frantz and children, Sheldon, Sarah, Nelson, Valda, Roland and Eleanor, of DeMuns; Mr. and Mrs. Theodore Knorr and children, Diantha, Priscilla, Donald, Emily and Marian, of Kingston, and Mr. M. J. Hefft and Mrs. Elizabeth Spade called at the home of Mrs. Mary Knorr on Sunday.

Miss Marian Young and Miss Mildred Jones who attend Bloomsburg College are spending their vacation at their parents.

Miss Iva Conklin spent a few days at her brothers, Mr. Bruce Conklin, of Philadelphia.

The Queen Esthers will hold a party at the church December 29th at 8 o'clock. Everybody is requested to bring a small gift.

Mrs. Charles Knorr and son, Herbert; Mrs. Bertha Anderson and her daughter, Ida, called on Mr. and Mrs. George Schooley, of Harris Hill recently.

Miss Edna Hefft, of New Jersey, is spending her vacation with her father, Mr. J. L. Hefft.

Mr. Norman Long and Mr. Elliot, from Ohio, were Carverton callers recently.

Mrs. Bertha Anderson, daughter Ida; Mrs. Mary Knorr, son Herbert, attended the Christmas exercises held at Wyoming Chapel on Tuesday evening.

Sheldon, Robert, Richard and Glenn Pryn called on their aunt, Mrs. Geo. Schooley, of Harris Hill recently.

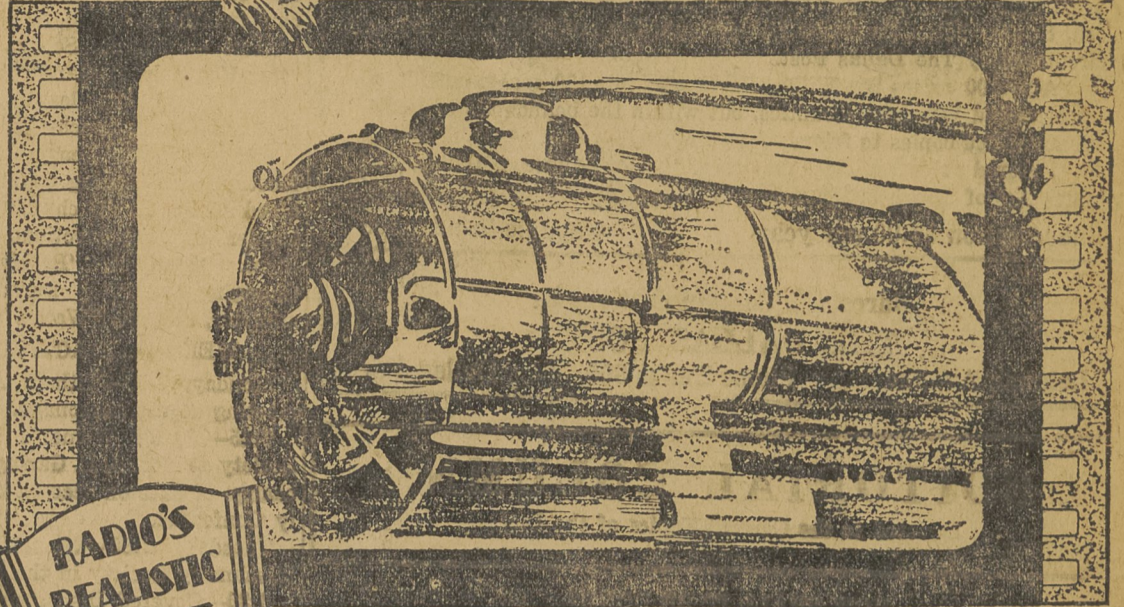
Mr. Wayne Conklin, daughter Iva, spent Christmas at the home of his son, Kenneth, of Sutton Creek.

Mr. and Mrs. George Knorr and daughters, Margaret, Etta and Sarah and son Charles, spent Christmas at the home of his brother, Mr. Theodore Knorr, of Kingston.

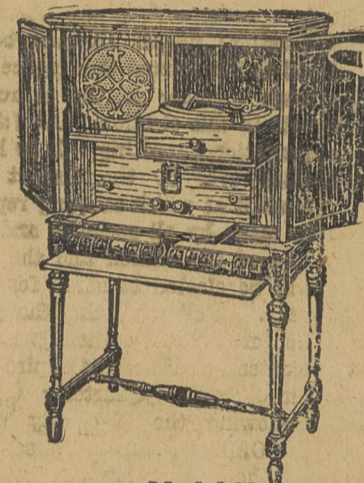
Mr. and Mrs. Raymond King, sons James and Milton, daughters Betty and Alberta, Miss Edna and Mary Hefft and Mr. Leigh Hefft, spent Christmas at the home of J. L. Hefft.

Mr. Floyd Knorr and son Stanley spent the day recently with the former's mother.

Miss Edna and Mary Hefft spent



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the day recently with their sister, Mrs. Herbert Small.

Mr. and Mrs. Isaac Coursen spent Christmas with the latter's mother, Mrs. Kate Rozelle, of Mt. Zion.

Miss Edna and Mary Hefft called on Miss Carrie Coursen who is recovering from an operation.

Mrs. Wayne Conklin who is visiting her son in Philadelphia, is ill with the flu.

Four Now Under Arrest on Charge of Impersonation

Jesse McMurtrie, of John Street, Kingston, former member of Kingston police department, and Richard Drake, of Horton Street, city, were held in \$1,000 bail for a further hearing next Monday morning at 11 when arraigned before United States Commissioner Roscoe B. Smith Thursday afternoon in connection with the alleged theft of a large sum of money from the home of a Kingston man arrested on a charge of making liquor. Gordon Hoar of Wilkes-Barre, and Kenneth Mathews, of Plymouth, who were arrested earlier in the week by United States Marshal Green in connection with the same case, will be given a further hearing with McMurtrie and Drake on Monday.

Charges preferred against McMurtrie and Drake at Thursday afternoon's hearing were conspiracy and impersonating federal officers. The same charges were preferred against Hoar and Mathews when they were arrested.

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