HOME AND FARM MAGAZINE SECTION

Livestock and Dairy

Facts About Care of Farmers' Feeders and Aids to Greater Milk Production.

SILAGE is the main reliance of dairy farmers is dairy farmers in many sections for cow feed, since it has been found to be particularly well adapted as feed in this connection.

While silage is an excellent feed for dairy stock, it should be combined with some other leguminous feed, such as clover, cow peas, or alfalfa, owing to its insufficient productive quality. The leguminous material will tend

to correct the deficiencies of the silage in dry matter, protein, and mineral constituents. A ration of silage and, say, alfalfa hay alone is satisfactory, however, only for cows which are dry or giving only a small amount of milk agement and control and for heifers and bulls. Cows in full ning of his calfhood, milk require some concentrated feed in addition to hay and silage, as they can not consume enough of these feeds his ancestry in order to possess a to keep up a large flow of milk and knowledge of the traits of character maintain body weight.

Experience Is Guide.

The amount of silage to feed a cow will depend upon the capacity of the animal to consume feed. She should be fed as much as she will clean up withher hay and grain. Raise or lower the guarded against. One special require, above the top of the women wire fence, amount until the proper quantity is ascertained. Generally speaking, a good cow should be fed just short of the limit of her appetite. If she refuses Feed and Car any of her feed it should be reduced at once. The small breeds will eat 25 or 30 pounds per day; the large breeds 40 or more; and the medium-sized ones amounts varying between.

Ironclad directions for feeding cows can not be given. In general, however, the start gently, yet firmly, but never trol a vigorous pure-bred Jersey bull they should be supplied with all the in a teasing or bantering way. He of about 1,700 pounds' weight. they should be supplied with all the roughage they will clean up with grain in proportion to butterfat produced. The hay will ordinarily range be-

tween 5 and 12 pounds per cow per day when fed in connection with silage. For Holsteins 1 pound of concen-

trates for each 4 pounds of milk produced will prove about right.

For Jerseys 1 pound for each 3 pounds of milk or less will come nearer meeting the requirements. The grain for other breeds will vary between these two according to the quality of milk produced.

A good rule is to feed seven times as A good rule is to feed seven times as times. Yearling calves will consume much grain as there is butterfat pro- about one-half as much as mature duced.

good:

pounds of milk testing 3.5 per cent: Pounds.

Silage . Glover, cowpea, or alfalfa hay ... Grain mixture of 3.5 per cont milk:

Pounds. Silago . Clover, cowpea, or alfalfa hay_ Grain mixture . pounds of 5 per cent milk: Silage . Clover, cowpea, or alfalfa hay 10 ply some feed to take the place of the Grain mixture . 5 per cent milk: Silage . ..

Handling Dairy Sire Needs Care John Underwood Gives His Ideas on Methods Necessary to Keep Bull in Order.

BY JOHN UNDERWOOD.

HEN the raising of good dairy cattle is to be taken into consideration the bull is the better half of the herd. In a majority of cases this animal seems to possess and is disposed to exercise a head of his own and, consequently, needs careful management and control from the begin-

I am not sure but that even beyond this period thought should be given to and disposition likely to be developed in the calf.

A vicious ancestry either on the part posts extending eight or ten inches of the sire or dam will likely sooner or about the top wire of the woven fence, the herd this should be carefully ment in handling the bull is with reference to his early, thrifty growth and the same.

Feed and Care Essential.

and one that will likely leave a herd good impress on his posterity.

the other hand, if feeding is done subsequent to milking, the volatile sllage odors will have been thrown off before the next milking hour. Silage is usually fed twice a day.

Feed Calves Silage.

Calves may be fed silage as soon as they are old enough to eat it. It is perhaps of greater importance that the silage be free from mold or decay when given to calves than when given to mature stock. They may be given all the silage they will eat up clean at all stock; that is, from 15 to 20 or more Rations Found Good. pounds a day. When supplemented with some good leguminous hay, little,

if any, grain will be required to keep For a 1,300-pound cow yielding 40 the calves in a thrifty, growing condition. One of the most trying seasons of 40 the year for the dairy cow is the lat-10 ter part of the summer and early fall. rain mixture 10 For the safe cow yielding 20 pounds is a common mistake of dairymen to let their cows drop off in flow of milk ... 40 through lack of feed. Later they find 5 it impossible to restore the milk flow, no matter how the cows are fed. Good For a 900 pound cow yielding 30 dairy practice demands that the milk flow be maintained at a high level all Pounds. the time from parturition to drying off. 30 It becomes necessary, therefore, to sup-

Pounds, soiling crops. 30 The amount

The amounts to feed will depend pon the condition of the pastures.

should be taught to be handled quietly, to be easily haltered and led by the time he is a yearling, and a good ring should be put in his nose to aid in his complete control. When old enough for service 1

should not be allowed to run with the other cattle, but he kept in a substan tially fenced field or lot. The latter is the best, and can be provided in a rea-sonably cheap and effective manner.

Own Method Told.

My own method is to have a lot consisting of about two acres inclosed with a four-foot wire fence substantially put up on good, well-set posts, the later manifest itself in the young ani-mal and in selecting the one to head posts. On the inside of the posts a barbed wire is placed about six inches and one also about eight inches below

In nearly every case this will be sufficient safeguard against fence throwing or breaking out. The lot is Good feed and good care are quite well provided with water and shelter essential in order that a decent and and a strong plank fencing gate prowell proportioned animal may head the tected with barbed wire on the inside, which completes the arrangement. find in my own case this kind of in-The calf should be dealt with from closure sufficient to keep under con-



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Conditions.

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Silage 30 The amounts to feed will depend point the condition of the pastures Stain mixture 8 spon the condition of the pastures Good Mixture. 5 varying all the way from 10 pounds to a full winter feed of 40 pounds. It	INVESTMENT BROKERS	Rooms \$1.00 per day up Booms with private bath \$2.00 up
A good grain mixture to be used in a ration which includes silage and some sort of leguminous hay is composed of: Parts Corn chop Wheat bran2 Linseed-oil meal or cottonseed meal. 1 In case the hay used is not of this sind some of the corn chop may be re- placed by linseed or cottonseed meal. The mean process in this connect parts The case the hay used is not of this sind some of the corn chop may be re- placed by linseed or cottonseed meal. The mean process in this connect parts the amount of silage fed the greater must be the amount of protein in the supplementary feeds to properly bal ance the ration. A pronounced feature of the woo market at present is the growing	If you want- FHED DAIRYMEN GRAIN FLOUE SHINGLES I Can Save You Money Write Me. S. E. GILBERT	"Getting the Last Drop" Blatchford's Calf Meal As good as New Milk at half the Cost
the tendency to breed mutton types a shortage in fine wool has resulted and the transfer of the bran, and shortage in fine wool has resulted and the price is going upward accordingly. It is said there are no large blocks of fine wool available at present The London auctions indicate higher preces for mulking the silage odors may pass through the cow's body into the milk. Besides, the milk may receive some	BLACK LOSSES SURELY PREVENTED by Cutter's Elastic Print, Low- priced, fresh, reliable protected to the where siter statementals LEEG With for bookiet and testimulat 10-fose pipe. Maching Pills 4.00 To superiority of fulfer mediate is the Cutter's head	100 pounds makes 100 gallons of Perfect Milk Substitute. Send for pamphlet, "How to Raise Calv Cheeply and Successfully Without Mill." A year Dealers or PACIFIC COAST CONDENSED MILLS