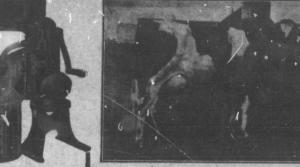
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## Feeding for the Test

EEDING cows when under official test is a subject of perennial in-terest to breeders of dairy cattle who value performance ahead of all other things. The methods followed by Fred Blower, a New York State dairyman, who has made many credit-sible records, will therefore be of in-terest. They are described by H. E. Babcock in the Breeders' Journal. He

"Unlike many breeders, who lay special stress on the preparation of the cow before calving, Mr. Biewer believes that one of the most essential things for a successful official test is the ration. This he states must be something that the cows like and do not tire of. Of course, he does not neglect the preparation. He likes to have his cow dry at least two months before she freshens, although he has some very good records when this has not been the case. When once the cow is thoroughly dry he gradually works her up until he gives her all that she will eat of the following ration: Equal parts of oil meal wheat, bran, and hominy. This is fed to her three times a day with ensilage twice and hay at noon. With this ration Mr. Blewer has never experienced any trouble with his cows at freshening time, and although they make up large udders, has never milked them

#### The Test Ration.

"After the cow has freshened, Mr. begins to gradually change Blewer begins to gradually change from the preparatory ration to his regular test ration. This later ration is made up of 200 pounds of ground oats, 200 pounds of graten, 200 pounds allies or other good brewer grain, 100 lbs. of oil meal, 100 lbs. of cotton seed, 100 lbs. of hominy and 100 lbs. of or of the cotton of the c is often fed between milkings. While this is not Mr. Blower's regular dairy ration, he states he helieves it would be a very good one to feed with ensilage and mixed hay, were it not for the difficulty of securing such variety of feeds

Ordinarily by the end of six days the cow is completely on this ration and is ready for the test. During the period between the time of freshening and the completion of the official test, she is milked four times a day and fed just before each milking. and ted just before each mixing. Each day she is given one exercise. Mr. Blewer, however, takes great care. Land.plaster used freely in the matter and is especially care, bles will shorb all odors and increase ful not to let his cow out where and the fertilising value of the master.

will get in drafty places or become suddenly cooled. Unless the day is suddenly cooled. Unless the very favorable indeed, the coeives her exercise in the barn

Change of Milkers Preferred.
"In the matter of milkers, Mr.
Blewer agal, differs from a good many breeders in that he believes a change of milkers is beneficial states that it is his observation made on over fifty cows that where the milkers change occasionally a better milk flow is secured.

'Another point about which Blewer is very careful, is letting the cow down at the completion of the test. He believes that more cows are ruined at this time than at any other period in official test work. gins by gradually reducing the feel, ntinuing the four milkings a day until the cow falls below fifty pounds, when he believes she can safely be left to two milkings."

#### Care of Lighting System

HE farm lighting system must be attended to with great care, says J. L. Mowry in a recent bulleth on "Lighting Farm Buildings." As accelylene gas system in perfect work-ing order is an intricate piece of machinery, he says, and an electric lighting plant is far more delicate. A lighting plant takes more attention than an equivalent number of coal-oil

Good lighting systems for house and barn, however, add to the attractive ness as well as to the convenience of farm life. Trouble is usually due to ignorance or nagilgence. The introduction of modern equipment, such as high-efficiency lamps, has done much to encourage the development of small isolated plants and a few years

"Not many years ago," a adds Mr Mowry, "many men would not think of getting in behind the wheel of as automobile, much leas investing money in such a machine, but now there are few who do not feel that they can care for the power plant

they can care for the power plant which is hung between the forewheels of a motor car.

"The man who puts in the isolatel lighting plant should underteand it thoroughly and should have made 17 his mind to put it on his list aleas with the piga and the caives and the chickens, to receive its share of per-sis, as attention."



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