

Dairy and Creamery.

A BIG OX.

Among the attractions at several N E fairs this fall was the giant ox, Jerry, exhibited by J. D. Avery, Franklin Co., Mass. He measured 15 ft 11 in from



JERRY, THE GIANT OX.

tip to tip, stood 17½ hands high and weighed 4365 lbs. A pure bred Holstein, and well built, he is one of the handsomest oxen ever exhibited.

LEARNING TO MILK.

"Train up a child in the way he should go, and when he is old he will not depart from it" is as true of practical everyday duties as of lessons in morality, etc. A duty often neglected by many farmers is that of properly training the boys to milk. This includes something more than the simple operation of drawing the lactical fluid, although it is an art, and probably not more than one in 10 persons are experts, that is, thoroughly understand the art and practice it in a scientific manner. The child in training should be old enough to understand the responsibility, should be neat as possible as to clothing and especially as regards the hands. A few lessons on this point of personal cleanliness will instill right ideas, especially if demonstrated in the habits of the teacher. Theory and practice ought to go hand in hand here.

Next in importance, he should be taught to properly care for the cow; should see that the udder is free from all dirt and if soiled to remove by bathing in tepid water and wiping dry before beginning the operation of milking. If the udder be clean apparently it should be well brushed to remove loosened hair, scurf, etc. The temper or temperament of the cow submitted to his hands should be understood also. If of a nervous disposition he should be taught to soothe and conciliate, when she is taken with one of her "moods." Instead of trying to coerce with blows, always remembering that it is only the simple justice and mercy which a higher organism should show toward a lower, to do so—besides, being a matter of profit and loss. A cow will not do her best under coercion. She may be made to behave better, but that is as far as your authority can go. Nature will outwit every time, and the proper flow will be withheld until she gets into better humor.

Many cows are yearly ruined through fear caused by improper treatment. Do not send your boy to take his first lessons in milking of the hired man, unless you know him to be well trained in all preliminaries: ten to one he will march direct from the stables of a morning with clothing full of indescribable suggestions, and as a necessary preliminary, fill his mouth with tobacco before beginning operations. If possible, the girls should also receive instructions from one competent to give them. The best milker we ever knew was a woman. It was a positive pleasure to witness her performance. The rhythmic flow as the hands rose and fell was enjoyable as music, while all the movements were graceful. Farmers—for to this class the world looks for its supply of milkmen—see to it that the next generation of milkers understand their business.—[Mrs John Rockwood, Chester Co., Pa.]

Don't starve the calf; you can't afford to let it stop growing a minute.

FRAUD IN EXPORT BUTTER.

A new trick of the oleo outfit is said to be as follows: A tin package has been adopted for the export trade. It had a double cover, the upper one of which is stamped plainly with a word to indicate that the contents are not genuine butter. The side of the package is stamped with some such phrase as "strictly pure." When the filled package has passed the internal revenue inspection the outside lid is removed—perhaps to be shipped back to the factory and used over again—and there appears another cover bearing the stamped word "butter." This package goes abroad and its contents are sold as American butter. When the fraud is disclosed, as it inevitably must be in season, consumers and dealers alike are filled with indignation against the entire American creamery trade and the market for even the purest butter from these shores is destroyed. The problem of fighting the oleo fraud is hard enough to solve on a domestic basis without having the foreign market closed to the products of the dairy through the wiles of the imitation butter makers. The only way to down the oleo outfit is to demand the enactment of the Groat bill, which comes up in congress Dec 6. Write your congressman at once.

A Valuable Cow—I have a brown Jersey cow 8 yrs old that has never been fed heavier than 2 qts bran and middlings mixed. Pasture this season was very poor on account of severe drouth. Cow came in Feb 28, raised calf, which sold for \$20, furnished family with all the milk, cream and butter we wanted (we eat little meat, but lots of cream and butter). Have sold 205 lbs butter at an average of 20c, 441; have on hand, Nov 22, 25 lbs worth 25c, 7, received for calf, 20; after furnishing family have sold 68 for 8 mos and 22 days; is due to come in Jan 8. Nov 5 had milk tested. She gave at morning 10 lbs that tested 9 per cent butter fat. This morning State Inspector Kibble saw her milked and tested same; test gave 5 qts, solids, lactometer 110, butter fat 9.6-10 Babcock test. Now who can beat this record? Ira S. Crandall, Cortland Co., N. Y.

The Big Fat Stock Show at the East Liberty stock yards, Pittsburg, Pa., was one of the best ever held in Pa., over 1000 prize animals being entered from all parts of the country, which included a large number of prime well fattened stock. The banquet was attended by 540 cattlemen, representing nearly every live stock center of the country. Premiums aggregated \$2250 and in some classes competition was hot.

Winter Dairying will do more for the material welfare of farmers than anything of which I have knowledge. [Commissioner J. W. Robertson.]

Frosty Cheese—Frost-bitten grass produces thin, poor milk, which in turn will make salty cheese. Bad feed will make bad milk, bad curd and bad cheese every time.—[G. E. Newell.]

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