

BEEF BREEDS.

Meat Making Qualities of Different Breeds of Cattle.

We present this week to our readers who are interested in cattle breeding an assortment of the various types of beef steers. Some of them are portraits of steers that took prizes at fat cattle shows.



FIG. 1-DEVON PRIZE WINNER. No. 1 is a beautiful Devon steer that took first prize at the Smithfield (Eng.) Fat Stock show. Compare his points now with those of No. 2.



FIG. II-PRIZE SHORTHORN STEER. No. 2 is a splendid Shorthorn that took the sweepstakes prize for the model beef animal at the Chicago Fat Stock show.



PIG. III—PRIZE HOLSTEIN-FRIESIAN STEER. No. 8 also took a prize as a beef steer of the Holstein-Friesian breed at the Chicago Fat Stock show. The Holsteins are of two strains, beef and dairy, the difference being distinctly marked to connoisseurs. The animal in the picture represents the beef breed.

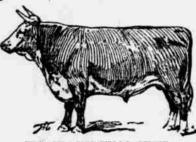


FIG. IV-HEREFORD STEER. No. 4 is not a prize winner, but just a plain, good conditioned steer in private He belongs to the massive and picturesque Hereford family.

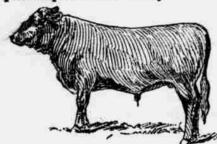


FIG. V-GALLOWAY STEER. No. 5 is not a prize winner either, but like the Hereford a plain, honest beef in private life, by breed a Galloway. In the northwest the Galloways and that other hornless breed, the Aberdeen Angus, are growing more popular among the beef raisers. The Galloways stand a severe climate especially well.

Now look at these fine beeves, examine their points, and decide for yourself which breed will bring you in the most money for the expense and trouble of raising it.

Wool for the World's Fair. The following circular has been sent out from Washington as supplemental to the agricultural department's earlier request for wool samples:

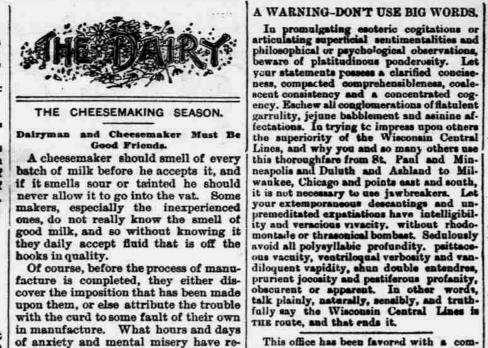
The agricultural department will exhibit at the Columbian exposition between 3,000 and 4,000 wool samples from all parts of the world. They will cover all classes of wool, from the highest to the lowest. Especial attention has been given to the selection of samples of wools that compete with our home grown wools. These were procured through a special agent of the treasury department sent abroad for the purpose of procuring samples for custom house standards. The department is desirous of obtaining the American samples direct from the growers, so that comparison can be made with wools of the same character grown in different parts of the country. The samples will be placed in glass jars labeled with the grower's name and address, also with description of the sheep and wool.

Assistant Secretary Willits is giving wool and sheep especial attention, as he is desirous of furthering the interests of this great industry. With this view he has requested Hon. John T. Rich to make a report to accompany this exhibition. Mr. Rich will, when the collection is completed, examine the samples comparatively, and being a practical sheep breeder of long experience his report will be of great value. Each sample should be about one pound in weight and taken from the body of the fleece. Bags for the same and blank invoices are furnished by the department. Samples can be mailed without the payment of postage. Should you desire to have your clip represented please address for particulars, Edward A. Greene, Philadelphia, or John T. Rich, Elba, Lapeer county, Mich.

Beeves intended to be shipped abroad hould weigh before the fattening commences from 800 to 900 pounds.

Harvard Examinations. Harvard university is spreading her net over a very wide extent of territory this year. It is announced that examina-tions for admission to that institution are to be held simultaneously in no less than twenty-five places, including England, Germany and Japan. It looks as if Harvard wanted the earth and was in a fair way to get a large section of it .-

Boston Herald. It has been shown that electricity as e means of imbedding wires into honey



THE CHEESEMAKING SEASON. and Cheesemaker

Good Friends. A cheesemaker should smell of every batch of milk before he accepts it, and if it smells sour or tainted he should never allow it to go into the vat. Some makers, especially the inexperienced ones, do not really know the smell of good milk, and so without knowing it they daily accept fluid that is off the hooks in quality.

Of course, before the process of manufacture is completed, they either dis-cover the imposition that has been made upon them, or else attribute the trouble with the curd to some fault of their own in manufacture. What hours and days of anxiety and mental misery have resulted to makers when the latter view has been taken by them, and it was the wrong one! At last in despair a state expert from the dairy commission would be called in, and he, aided by long experience, would soon find the cause of

This office has been favored with a complete catalogue and price list of the Evergreen Nurseries, of Evergreen, Wis. This nursery is well known throughout the west, having been many years established. The proprietor, Mr. Geo. Pinney, has probably distributed more evergreens and forest trees through this state than any other man in the country. Although he raises and sells millions of forest trees annually, his specialty is evergreens. He plants hundreds of pounds of the seeds every year, and now has nearly three hundred varieties on his lists, fully equalling the largest nurseries I have known a number of instance like this, and with the result mentioned. A cheesemaker should first train himself to know the odor and taste of pure normal milk, and then he is capable of detecting the slightest changes from such a standard.

A word about the relations existing between maker and patron. A dairyman bites his own nose off who exhibits temper because a cheesemaker finds fault with his milk. Every dairyman should know good milk from poor just as well as the makers, and if such a patron considers that his maker is finding fault with his product without cause it is certainly justifiable for him to resent it. The average maker is not such a kind of a fellow, however. He is only too thankful to have a large percentage of patrons who furnish perfect milk, and reserves all of his faultfinding for those who de-

It is all important, however, that every dairyman should be perfectly familiar with the variations of milk quality. If he is not he will not know how to feed a dairy to produce good milk and to understand the system of preserving its quality while it remains in his care. No reasonable dairyman will be indig-nant at a maker if told by him that his milk is not just right. He will rather consider him his friend and benefactor for so making the case plain. It is as much for his own benefit as for that of the maker that the milk should be all right, and he knows it. In nine cases out of ten where dairymen become angry when spoken to about poor milk quality, they know that they are furnishing bad milk and have no disposition to stop it. At least this has been

my observation. In other cases I have known intelligent farmers to show the poorest judgment about caring for their milk over night of all of their agricultural work. In these instances such farmers will exercise no more caution in preserving their milk through a close, muggy night than when the weather is very cool. It has been my experience to always find a few of such dairymen in every cheesemaking community, and with such mer for patrons there can be but one result in bad weather, bad milk for the maker.

Some manufacturers find itso difficult "to keep on the right side" of their careless patrons and criticise their milk quality that they daily accept damaged milk from them, say nothing and do their best by their own diligence to make it into marketable cheese. Mr. Dairyman, do you think that a maker is your friend who will do that? Do not deceive yourself, for he is working against his own interests, and yours, too, by any such unwise magnatimity. A maker who will flatly refuse to take from you spoiled or impure milk is your friend every time so far as your own financial

interests go. The field governing the facts which I have here mentioned is a very large one, and calls for continued labor by every person interested in better dairy work The enlistment of the dairymen themselves in this righteous cause I consider to be the main thing to assure success. and I must appeal to them all to be conscientious in this regard for the season of 1892.—George E. Newell in American Cultivator.

Buttermilk as a Horse Medicine. I see in your last issue a short notice of the use of sour buttermilk for scratches on horses. I don't doubt it in the least, for I have used it for several things and found it good in every case. I will give you a simple and cheap remedy for colic or grub or botts in horses. When you first see your horse sick you give him a quart of buttermilk the first thing you do, and let him loose; in fifteen or twenty minutes give him one more dose, just as the first, and put him to work. I have been using it for four or five years, and don't use anything else. It is a sure cure, and don't be afraid to try it. Every farmer should have a little buttermilk at his house most any time. I give it to my colts and horses every day, and don't know what a case of colic or botts is. It keeps your stock sleek and fat all the time.-

Journal.

J. H. Cockrell in Southern Live Stock

Don't Overpress. A frequent mistake is to apply too strong pressure at first to the newly hooped curd. The pressure should be gradual and the snug squeeze only given after several hours. The white whey that starts from a severely pressed curd is rich in butter fats, which will not appear if the curd is allowed to settle firmly in the hoop before strong pressure is applied. The facts go to show that the average full cream cheese has parted with far too much of its fats in press, vats, drainers and hoops, and is often found to be half skim when it reaches the consumer.-Exchange.

Bed Demolished, Occupants Unharmed.

A strange freak of a bolt of lightning occurred at Jeannette during the heavy storm last evening. Mr. and Mrs. Harry Krisman reside in a small tenement house close to the Catholic church. They were in bed and asleep when the storm began to rage. Suddenly their bed was torn from beneath them and reduced to splinters. A bolt of lightning had struck the house and passed through the wall into the room occupied by them. The couple were not hurt .-

Pittsburg Post.

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