

All Steel - a Work Saver



THIS all-steel churn is just what you have been waiting for. Make good butter without the hard work. Drawn steel barrel, heavily tinned inside—easy to clean—sanitary—cannot soak up moisture. Beautifully trimmed in red and blue. Ask your dealer or write us for Circular No. 1.

Sturges & Barr Mfg. Co., Chicago, Ill.
Established in 1866

Sturges Steel Churns

this will relieve the cow of some inconvenience and decrease the number of pests next season. Begin to dip the cattle in all the tick-infested sections at once. More can be done to exterminate the ticks by regular dipping early in the season than at any other time. It is nothing short of a disgrace and a crime for any man to breed ticks when we know how to get rid of them so easily.

Mature Bulls vs. Immature Bulls

THIS is the season that most breeders are selecting their herd bulls. Before taking this step, one should study the characteristics of the various beef breeds and determine which of these comes nearest fitting his specific conditions and whatever breed is decided on look for the bull that carries himself with pride, that has a large bold eye, with high head, broad chest, short legs, broad, well covered back, heavy hind quarters, with plenty size and well boned. The same general appearance should be looked for in either mature or immature bulls.

Before buying a calf consider whether or not he will be well fed and not over-worked and thus he stunted so that he will never be at his best. Remember that although the calf can usually be purchased for less money, at the same time it takes some grain feeding both summer and winter and at the same time he can do only one-third or one-half the service the first year that the aged bull is capable of doing. If the mature bull is selected, even though his environments are bad, he will always have size, which is an important item when you are ready to resell. Do not be afraid of the bull with some age, provided he is a sure breeder and a proved sire; because it is not always that a good individual is a good sire. Generally the inexperienced do not appreciate the care necessary for the development of a husky beef calf.

Do not expect to get an almost perfect bull for a fair price, because even the best of them have their faults. Above all, do not let \$25 to \$50 stand between a good bull and one not so good, because it will more than be made up in the first crop of calves.

IRA W. CARPENTER.

\$50,000 for Shorthorn Prizes

THE American Shorthorn Breeders' Association appeals in a substantial way to Shorthorn breeders everywhere to participate in the prize contests at fairs and shows throughout the country. It is a large amount of money that has been set apart by the Association for prizes and it is so widely distributed and applied to so many classes that Shorthorn breeders everywhere are encouraged to respond. Certainly no year in the history of the Shorthorn breed witnessed such a broad expansion as the year just closed and all indications point to a still greater achievement in the matter of furthering the popularity of the Shorthorn during the present year. The inclination in all sections to replenish the cattle stock and obtain a better class of seed for the purpose, insures a growing demand for a good while to come. Apparently the day of the cheap sire has gone by.

I have found out that you can make a great deal more stable manure than you may think, by looking after it closely. Cleaning out your stalls at least every thirty to forty-five days, you will get not only more but a better grade of manure, but it does not pay to leave this out in the open barnyard where it leaches out mostly. I go about my stables daily and litter the wet places and clean them out regularly and find that by so doing I get two to three times the manure I did when cleaning only once a year. I have found in this connection that you can keep the flies down to a minimum by using sawdust in your stables during fly time and cleaning out often and letting the old hens and roosters as well as biddies in the stables while your stock is out at work; they will keep the flies down by eating them.—A Coming Young Farmer.

The men who read are the men who lead.

Get All the Cream

YOU cannot expect to get all the profit from your cows unless you have a separator that skims clean. Why don't you make up your mind here and now to buy a **Primrose** or **Lily cream separator**? Then if your checks are not big enough, you will know that the trouble is with the cows, not with the separator.

The president of the Iowa Federation of Cow Testing Associations says that of the machines in use in his association, and they are many, the **Primrose** skims closest. It leaves less than one-hundredth of one per cent of the cream in the milk. The **Lily** skims just as close. Neither one wastes any cream. With prices of everything as high as they are now, to waste cream is little short of a crime.

Yes, you can buy separators for less money. You can also pay more. But you cannot buy a closer skimming machine, one that runs easier, or one that will skim clean for a longer time. Do not delay. The longer you put off buying a **Primrose** or **Lily** cream separator, the more you lose. Get one of these machines, and your separator troubles will disappear as if by magic. Drop us a card for catalogues and full information.



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