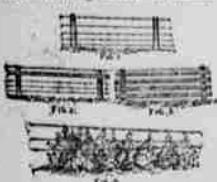


BARD WIRE FENCES.

Most Dangerous Form of Fence—Edition No. 11.
Barbed wire fences have saved millions of dollars in providing selected barriers between grain and cattle fields. But a serious objection has arisen in the woods which the barbed wires inflict on the animals which carelessly dash against them. Their danger arises directly from their value. Wires without barbs would not injure any animals, and they would not retard strong and furious animals.



VARIOUS FORMS OF FENCE.

Barbed fences may be constructed so as to avoid the danger of accidents, and at the same time retain their efficiency.

Fig. 1 represents the most dangerous form of the fence, consisting of several wires stretched from post to post and nothing else visible from the level ground upward.

Fig. 2 is the next safest fence, as the barbed wire which but a few years ago was a most effective and safe fence, is placed along the top, being fastened at each post. As many animals usually pass from the top down in making their tracks, they quickly make themselves acquainted with what appears to be to them a very formidable barrier, and we never see young horses resting their heads or necks on this kind of fence, as we often see them resting on smoother fences. Barbed fences which have become weakened by age have been thus rendered impregnable to the wilded horse.

Fig. 3 shows a safe arrangement, namely, a board below the top wire. The board is to the animals the visible barrier, and they will not attempt to go above or below it.

A neat and handsome form of the barbed fence, in its conspicuous line, is made by inclosing it in an ornamental hedge, as in Fig. 4. Country Gentlemen, from whom we frequently receive a representation of such a fence, are always enthusiastic along the center of the hedge when it is half grown, and again in subsequent years successively till it is completed. See Fig. 4. The hedge may be of some plant not forming a sufficient fence of itself, but rendered ample so to resist any animal through the additional aid of the barbed wires.

An Original Plan for a House.

A correspondent sends to the Farm Journal the following description of his house, the plan of which he thinks is not much like any that he has seen elsewhere: "I take a still 24 feet long, to which I attach two ends 8 feet wide and as long as I wish the width of the building to be, so as to leave an 8-foot space in the middle, with no end in front. I place these ends upon blocks or piers, say, three feet above ground. Upon this foundation I erect my building, board-



A NEAT LOOKING BESHED.

ing from the roof to the ground, except front of middle space, put large windows in front (south) side of ends. One of these ends I fit with parlor, and the other I divide lengthwise by lattice partition with two or more rows of shelves in the middle, one next bottom, so that when a man wants to set I can move the box with which places her in another compartment entirely away from the laying hen.

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Here and There.

Another mill has been started in Hamburg for grinding Indian corn exclusively.

Professor Halsted's experiments dispel any danger of sterilizing the soil by sowing with berberis mixtures.

Experiments in irrigation and with the grasses and forage plants are special features of the work of the Wyoming experiment station at Laramie.

An English engineer writes: "The continual decline in the value of wheat is the greatest topic of the hour, and how much lower prices are likely to go no one can tell."

Experiments with handfuls of carbon show that it will destroy all stages of the insect known as bags weevil bugs, larvae of all sizes, pupae and adults.

All who are interested in the prizes offered for Shorthorn cattle at the World's Columbian exposition by the American Shorthorn Breeders' association should make written application for a copy of the circular giving particulars to the secretary, J. H. Pickrell, Montauk block, Chicago.

An English writer gives an account of his experiments and discoveries that he not only got a very large number of apples and pears every year, but that the fruit was free from all kinds of blights and that it kept longer after it was gathered.

FEEDING FOR BUTTER.

More Increase of Butter Fat Than Milk Product.

The bulletin of the Iowa station puts this matter in clear-cut light and with no argument whatever. It says: "The fat content was increased to a greater extent by the feeding than the milk product." I might have given this information in this respect as regards my cow, which has a remarkable ability to em-

bellish her milk by rich feeding. I give her regular winter feeding by giving four quarts of cornmeal daily and the balance of the day, 10 pounds of hay and 10 pounds of oats. The milk has increased nearly one-third, and as the latter is all original and the former measured, and I think the cow herself, there is no mistake about the results.

I have found that the use of rich food always has a greater effect than might be expected from the greater cost involved. This is due to the fact that the richer food, and this, I think, may be attributed to the known effects of such food on the digestion. More of this food is digested as the result of feeding the richer food. Thus, when I feed oil with either meat or the cornmeal, the cow will eat either more of the hay than before, and thus more fat may be given in the butter than the meal may contain.

I have fed 100 pounds of cut grass and clover when nothing else is given, and with twenty pounds of cut hay will get six pounds of meat. How much more have not learned by trial as yet, but in the case of other cows previously kept I have found that as the richer food was given the butter increased up to the full ability of the cow to eat and digest the hay, and I have fed cows and calves made up to the point where they were fat.

As far as to the statement that the fat from the food is increased by the feeding of the more fatty substances, I might explain that my belief is supported by the analogous case of the larger butter yield, when the various kinds of cream from several cows are mixed than when they are strained separately. It is a property of fat globules to agglomerate, the larger ones attracting and gathering together the smaller. This may occur in the digestion of the food, after which the assimilating operation from the folder, and so gathering them into the whole.

Now we may not be able to get all the fat made. From hay or grass, but when the richer foods are used there may gather the other fats that might otherwise escape. I have long thought that good feeding pays in this way in making the cow's body more amply to go to the market. Henry Stewart, in Rural Note.

Frosted Feed and Butter Batts.

J. H. Ellis says in The Practical Dairyman:

"We can get more trouble from poor butter than from any other form of butter. Butter is prone to become rancid by reason of its natural tendency to turn sour. This trouble easily commences at the advent of freezing weather. Of course there are several causes for the butter flavor, such as a diseased condition of the cow, the action of certain bacteria in the cream, etc. It is a settled conclusion with us, however, that frosted feed produces more bitter butter than all other known causes besides."

This short little paragraph is that of the author of a very good book on the art of keeping butter. He says: "The more you do for your butter the less trouble you will have in getting and saving it."

He means very well done in winter if the farmers will keep it supplied with salt.

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