

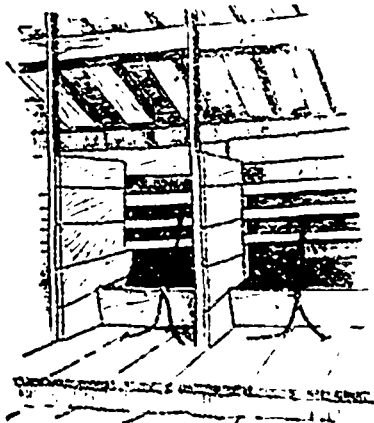
A Peaceful Summer Scene.

A picture of Ohio's famous Holstein-Friesian herd at the state insane asylum, Columbus, O.

## Live Stock Interests.

## POINTS IN STABLE BUILDING.

While there are several important things connected with the proper care and handling of dairy cows, none of them can be of more significance than good, first-class stabling. This stabling should be perfected in such a manner as to secure comfort in every particular. First against cold. Second, to provide ventilation and third to construct stalls that will insure cleanliness and give to the animal her rightful share of comfort every hour that she may be confined within her habitation. Fourthly, a bountiful supply of light is more than essential, especially so that when the sun shines it will fall on the cows during some portion of the day. Fifth and lastly comes good sanitation, with floors, walks, mangers and ditch so constructed as to allow no accumulation of filth and so that every corner and nook can



SCOTT'S PERFECT COW STALL.

be readily deodorized by the use of land plaster or road dust.

To shield cows from an excess of zero weather or damp, chilly air, can be done in several ways. The cheapest is a good quality of felting that is impervious to wind and dampness, placed on the inside of the weather boarding. Next cheapest is cheap boards nailed to upright 2 by 4 studding and well packed with straw. The best or that which will look well and give perfect satisfaction is good matched 2 in floor ing or ceiling boards put on horizontally and made practically air proof. To insure more warmth when considerable glass is used for light, double glazed sash is very desirable, and will add a greater degree of comfort if used. Ventilation may be secured by the opening of hay flumes and closing when

too cold, or stables too close. Likely the proper way would be to have a flume or two extending from upper floor to the bottom of the lower one, with opening at base. This would obviate cold air from falling on the cattle, which under all circumstances should be avoided. Where cattle are arranged to stand head to head with feeding alley between, their tails should point east and west so that the sun will fall on them during each day the sun shines, with the glass on the south end of the building very liberally distributed, as well as east and west.

Sanitation has become a positive necessity in every dairy barn where a good, first-class article of milk, butter or cheese is to be produced and top the market. The science of bacterial influence has laid down laws that when violated leave a certain positive loss in the wake. Every stable should at least be cleaned and dusted with some absorbent once each day, and twice would not hurt. Dusting whenever liquids have accumulated and stand. The stalls should be kept free from a collection of dust and fine straw by being placed in the ditch as an absorbent, thereby readily finding its way into the compost heap, away from the stable. Mangers should also be kept free from any accumulation of uneaten food either roughage or grains.

The matter of providing stalls is so important that we have given this feature of dairy work many years of study, and practical demonstration in our own barn. After using many devices and reconstructing them to do away with imperfections, our plan for "the perfect cow stall" resolved itself into the plan illustrated. I have seen a large number of stalls, but none that has so many good points as this one. Thousands of them are in use all over the country, and wherever put in after the plan herein described, have proven to be more than satisfactory. The floor may be made of wood or cement. Mine is laid with oak with joints broken as laid, allowing a drop of 2 inches in the 6½ ft. On the platform two 3 by 3 scantling are laid running the full length of the stable. Upon this a board or floor 18 in wide is put down with flange board facing cow 7 in wide. A 2 by 4 post 5 ft high is toe-nailed in one corner of the manger, to which both partition boards and the fence in front of the cow are nailed. The partition is 4 ft high and 3½ wide from outer edge of the two posts, but it is only 1 ft high in the mangers past the 5 ft post, so that any large roughage can be distributed. The opening for both feed and roughage is 18 in. The grain, ensilage or any cut feed escapes readily into the 18 in manger, but cannot, but rests against the fence and is eaten through it.

Many find the annex of a feed bin in

front an easy means of distributing feed to cows. The ditch is made water-proof and 16 in wide, 9 in deep next to platform and 7 in by walk. The latter may be made any width or depth to suit the builder. The distance from the ditch to the fence facing cow depends upon the size of the cow to occupy. The 6½ ft is the right length for a 1000 lb cow, with less or more accordingly. The fencing can be placed as far toward the cow as her size demands, so that she may be fenced back to her ditch, insuring perfect cleanliness and at the same time have perfect and absolute freedom with her head, not having to move backward or forward to lie down or rise. Arrangements for watering with pans bolted on sides of partitions can be readily attached.—[G. E. Scott to O. Dairyman's Ass'n.]

## BIG DEMAND FOR REMOUNTS.

The world's largest horse trade, reported to have recently occurred in New York, is said to have contained a contract for from 30,000 to 35,000 horses for South Africa to cost over \$7,000,000 or about 165 each. The lively interest in the horse trade is evidenced by the fact that Great Britain shipped to Africa 42,000 horses and 23,000 mules from Jan 1 to June 1. As the number of horses shipped from the U. S. and Canada to Great Britain has averaged about 27,000 animals annually, the enormity of the increased demand is evident. There is little doubt but what the wars in South Africa and the Philippines as well as the increase in the army establishment of the United States will make a greatly increased demand for horses from 14.1 to 15.3 hands and 6 to 9 yrs old. Severe weather in the tropical countries causes much loss and all the valuable stock of the states and Canada will be in lively demand to fill wants.

Scotch Plunketts is a local name for Blue Grays, ordinarily a cross between a white Shorthorn bull and a Galloway cow. They are much bred in Cumberland and the adjoining border counties. They are great favorites with English feeders of beef cattle, mature early and give a fine carcass of rich, juicy beef. Being cross-bred stock, they are rarely bred, but usually both heifer and steers are fed for beef.—[Col D. McCrae, Ont.]

Allow the sheep a hilly pasture and give the lambs their tobacco dip early. Smear all their noses with tar and keep tar in their salt boxes where they cannot avoid it. Seaweed or rock weed is additional food, and all the grain they need with their hay during their feeding months is a handful of fish pomace per head a day.

## THE FARMER'S WEALTH.

You may talk of gold and jewels,  
And prate of acres, too;  
But life is dull indeed for all  
If it has no end in view.  
Work yields a precious pleasure,  
And hearts are glad to know  
How near in life they live to Him  
Whose endless blessings glow  
With fervid loving ever,  
And all may understand  
We own the undisputed right  
To God and native land.

...blesses every harvest,  
Sowing and reaping, too.  
The farmer is the king of all,  
Proving forever true;  
His nearness to the Father  
And the blessing of the kine,  
With the blossoms of the springtime,  
Distill life's purest wine.

MARTHA EWELE LEWIS.

Co-operative Fire Insurance is very successful in Minn., where 126 township mutual companies, each restricted to state lines, did a business of \$111,000,000 last year at a cost, including losses, of \$204,000 or about 1.80 per 1000. Five cents paid operating expenses and 13c the losses. It was nearly all farm property. It is claimed Minn. farmers thus saved \$352,000 last year by doing their own insurance business.

When a hog weighs 200 lbs he should be killed; it costs as much to put on another hundred as to make the 200.

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