

MONDAY

A teacher in a boarding school was giving his pupils a lesson on the circulation of the blood. "If I stand on my head, by way of illustration, the blood rushes to my head, doesn't it?" Nobody contradicted him. "Now," he continued, "when I stand on my feet why doesn't the blood rush into my feet?" "Because," answered a daring youth, "your feet ain't empty."

It was at a fashionable wedding in Savannah. The bridegroom had no visible means of support save his father, who was rich; but when that part of the service was reached he repeated boldly:—

"With all my worldly goods I thee endow!"

Whereupon the father said in a stage whisper that could be heard all over the church:—

"Heavens! There goes his bicycle!"

SOME DOG TALES.

"I have an unusually intelligent dog," said the man who likes to spin yarns when with a party of friends. "He was taught to say his prayers, and if you'll believe me, that dog now wags his tail whenever he sees a minister anywhere near him."

"I have a dog with even more intelligence than that," quietly returned a member of the party. "One day when he got out in the street some mischievous boys tied a tin can to his tail, and if you'll believe me, that dog headed for the nearest saloon and backed right up to the bar."

On another page of this issue appears an engraving of the splendid two-year-old Clydesdale stallion, Drumburle Chief [5318] (Vol. 28 S.), imported by Smith & Richardson, Columbus, Ont., who exhibited him at Toronto and Ottawa, getting scant justice with third at the former, and no more than their due with first at the latter show. Drumburle Chief is a roan, by Primate (10099), and is considered the best two-year-old brought to Canada this year. He has been sold, we understand, to J. W. King, Bluevale, Ont., for the princely sum of \$2,000. Some may consider this a pretty long price to invest in one animal, but as he is of the kind calculated to raise the quality of our horse stock he should prove good value to his purchaser, who we trust may meet with the patronage that his enterprise deserves.

THE LIMIT OF INBREEDING.

Intensive milk or butter production, says the Agricultural Gazette, cannot be built up in a cow and maintained indefinitely unless along with it are built up powers to endure the work. Milk fever among the best of cows, weakened offspring, and consequent disease in the great performing herds, are Nature's protest against the one-sided work of performance alone being carried further. All along the way, among the great masters of the art of breeding, wrecks have finally set the limit to what can be reached by continued in-and-in-breeding. The most disastrous example of this kind known in the business, probably, was the going to pieces of the cattle from the New York Mill's herd of Bates Shorthorns, sold at auction at fabulous prices, yet proving of little value as breeders afterwards. Many less noted examples are to be found among those dairymen and breeders intent on building up a herd with the one point of great performance in view.

In-and-in-breeding has been practiced with advantage up to a certain undefined limit, but has proved a failure in every attempt to pursue it indefinitely.

Judicious inbreeding undoubtedly tends to intensify in the offspring the characteristics or qualities that were most marked in the ancestors of sire and dam. It requires sound judgment and a thorough knowledge both of the desirable and undesirable qualities of the ancestors, in order to make a success by inbreeding, but the same is true of success in out-crossing. Sound, vigorous constitution in both sire and dam is imperative or any unsoundness in either is intensified in the offspring just as surely as the good points, and healthy, vigorous constitution is reproduced by inbreeding.

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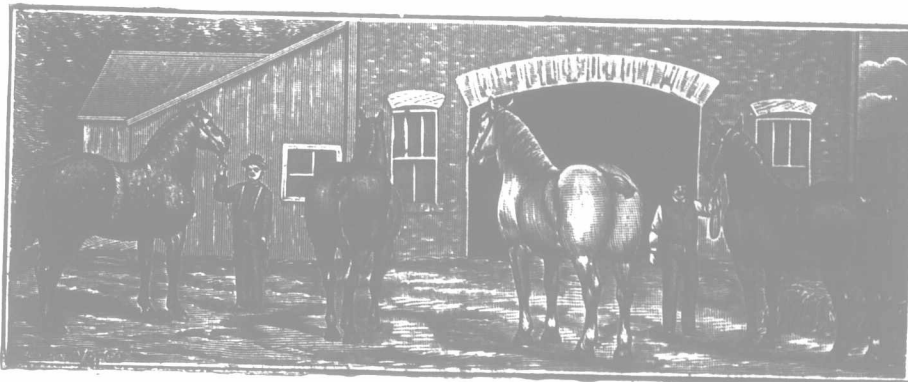
We guarantee every horse, and insure them against death, from any cause, if desired. Large importations arrived April 9th, July 8th and Sept. 4th, and another due Nov. 3rd. If a first-class stallion is needed in your vicinity, please write us. Write for new catalogue R.

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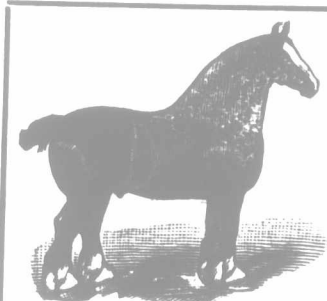
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Mr. E. C. Attrill, whose herd of pure-bred Shorthorn cattle is to be sold at auction on the Western Fair grounds, London, Ont., November 2nd, advises us that besides the cattle he may also offer the imported Shire stallion, Desford Marquis, an engraving of which appears on another page; also the three-year-old Hackney, Ridgewood Danegelt —166—; sire Langton's Danegelt, —91— [336]; dam Godiva —123— [989], by Barthorpe Performer —52— [237] (5097). This young horse took first as a yearling at London, first and sweepstakes as a two-year-old, and first again this fall in his three-year-old form. The horses will be offered at the sale in case they are not previously disposed of by private contract, and the probability of their being offered is an additional inducement of an already most attractive sale.

REWARD OF SERVICE.

The sweetest lives are those to duty wed,
Whose deeds, both great and small,
Are close-knit strands of an unbroken thread,
Where love ennobleth all.
The world may sound no trumpets, ring no bells;
The Book of Life the shining record tells.
Thy love shall chant its own beatitudes
After its own life working. A child's kiss
Set on thy singing lips shall make thee glad,
A poor man served by thee shall make thee rich;
A sick man helped by thee shall make thee strong;
Thou shalt be served thyself by every sense
Of service which thou renderest.
—Elizabeth Barrett Browning.

WATER AND SUCCULENCE.

"The importance of having water before the cows at all times will be better understood," said Henry Glendinning in an address before the Eastern Ontario Dairymen's Association, "when we consider that 80 per cent. of the blood is water, 80 per cent. of the milk, and about 50 per cent. of the whole animal is water, and that a cow giving milk in the winter time will drink from 75 to 125 pounds, and in the summer time will often drink more than 200 pounds of water. It is, therefore, necessary that cows should have access to water at all times if the best results are to be obtained. If water is before them all the time in the stable, there is no danger of them drinking too much any time to cause a chill, as is often the case when turned out of the stable once or twice a day. Salt should be given every day in the winter and in the summer. It should be within reach whenever desired. The winter ration should be as near June grass as possible; it should be palatable, bulky and succulent, as corn silage or roots such as sugar beets or mangels fed with well-cured lucerne or clover hay to supply milk. To this we should add some feed that contains a large amount of protein, such as wheat, bran, peas, meal, ground oats or oil cake to balance up the ration. The following will make a good ration:

Corn silage	40 pounds.
Lucerne or clover hay.....	10 pounds.
Pea meal	2 pounds.
Oil meal	2 pounds.
Ground oats	2 pounds.
Wheat bran	2 pounds.

Much skill is required to feed successfully and economically. It is only that amount of food that is consumed and assimilated above the maintenance point from which we get any profit. Therefore, it is necessary that we should feed high, but at the same time not overfeed so as to cause the animal to break down.