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V. 5 #28
1883



AND ORGAN OF THE ONTARIO BEE-KEEPERS' ASSOCIATION

VOL. V. } WHOLE No. }
No. 28 } 330

WELLAND, ONT., WEDNESDAY, MARCH 14, 1883.

TERMS: } ONE DOLLAR
Per Annum,
IN ADVANCE

STOCK.

THE CLEAR GRITS.

The Clear Grit family have been founded even more recently than the Royal George tribe. The venerable originator still lives, the property of Mr. Geo. Whitely, of Seaforth, and the art of the photographer furnishes a picture of the old horse, as well as his worthy owner.

Clear Grit is the offspring of a thoroughbred horse, Lapidist (whose sire was Touchstone), and a pacing mare sired by a horse known as Cock of the Rock, a fact that leads to some learned speculation, and on which Dr. McMonagle founds an elaborate argument tending to show the tenacity of the transmitting element in the pacer tribe. Clear Grit, according to Dr. McMonagle, clearly inherited the pacing faculty. He says:—

"That Clear Grit himself paced is a matter of notoriety, as he frequently exercised in that gait on the Brantford track when owned by Mr. Mitchell, and had to be weighted on his four feet to square away his gait to a trot. The groom of St. Patrick is my informant as to the mode of weighting both Clear Grit and his son St. Patrick."

"It is useless to deny—nobody denies—every Canadian rejoices—that this son of Lapidist conveys (he still lives) to his progeny a valuable inheritance of speed that can be utilized in the production of roadsters, gentlemen's drivers and turf performers. When we find two strains of blood combined in a trotting horse, in about equal proportions, we must consider these two strains singly, and determine what each has done of itself in producing trotters. If each strain has, in its own strength and without the assistance of the other, produced trotters, we are then at the end of the investigation, and conclude that both were positive forces in the production of

that trotter. But if we find that one of the strains never produced a trotter except in combination with the other, then we may justly conclude that strain is only a negative element and may as well be displaced for something else."

"The pacer has an inheritance that has come down from a gacater antiquity than the running horse, and it cannot be logically maintained to the contrary, but that the old pacing mare overshadowed Lapidist, and physically, independently, transmitted her Narrangansett inheritance to her son

cellence to the thoroughbred blood in their veins.

"The Clear Grit family traces to Lapidist and the Royal George horse Erin Chief, to the imported thoroughbred horse Charon; while both the Clear Grit and Erin Chief families are descendants of an imported horse called Blacklock, a thoroughbred brought into this neighborhood, and originally known as Fidget.

"Both these families are pre-eminently trotting families, and when you take into account the thoroughbred blood in the veins of Rysdyk,

while Lady Palmer, and others, were clean thoroughbreds themselves."

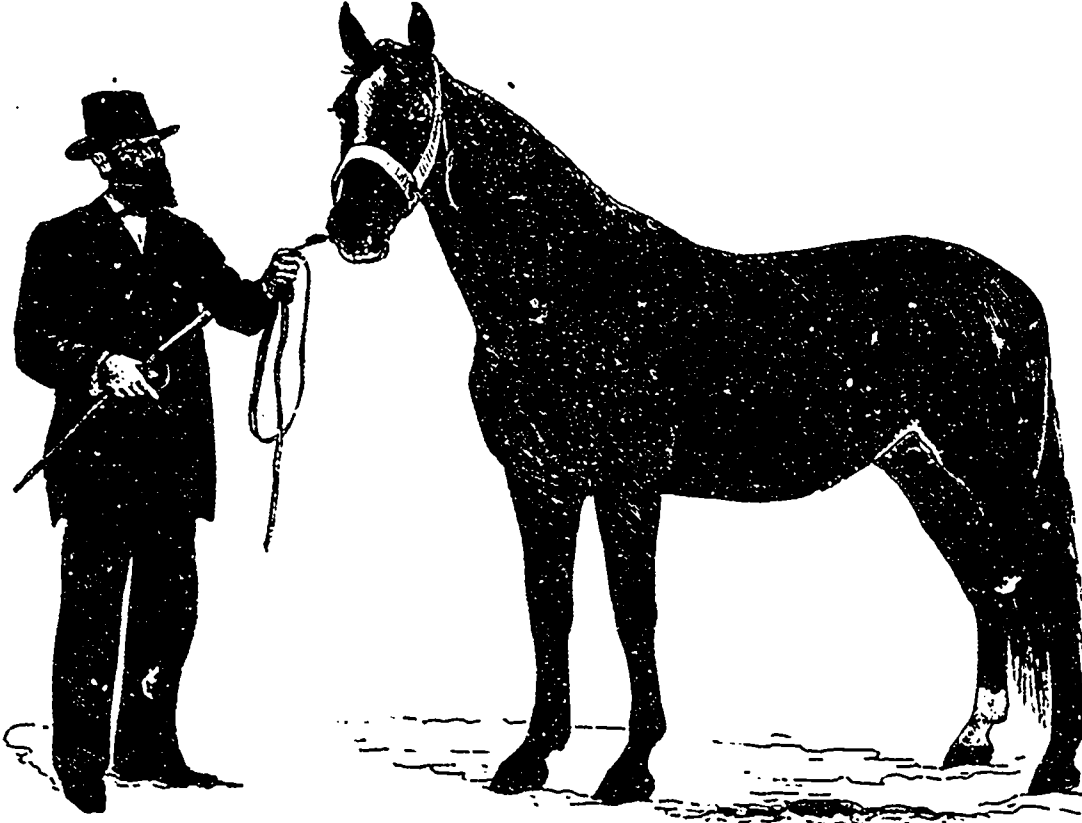
SYMPTOMS OF SCAB.

It is [seldom the case that the first attack of the acari is observed, even by the careful superintendent, for the mites are barely visible to the naked eye, and their presence cause no particular irritation to the sheep, until they have been located in the skin for several days. The earliest evidence that sheep are infected with this plague, is a certain restlessness and uneasiness, and unless the shepherd is

on the alert, this symptom is passed by unnoticed; consequently the disease is rarely discovered until it is fully established. As it progresses, about twelve days after the sheep are attacked, they are seen rubbing themselves against trees, fences and other hard objects manifestly to gain relief from an irritating itching sensation. An examination at this time will show the following result: Pimples have formed and are filled with pus, which by rubbing becomes broken and in the course of a few days acrid matter escaping from the pustules dries and forms a scab, hence the name of this disease so much dreaded by sheep breeders.

The parts chiefly affected are the neck, back and flank; the belly and legs being comparatively free from these parasites during the early stages of the disease.

With the formation of the scabs, the sheep obtains no deliverance from its misery, but the itching continues with redoubled force, and in the vain endeavor to find some relief the animal is noticed scratching itself with its feet biting at the parts affected, tearing off the wool both in this way and by rubbing, until it becomes a most woe-be-gone creature, denuded of its natural covering—a mass of nauseating, festering sores.



THE CLEAR GRITS.

Clear Grit, Lapidist arousing her previous ancestral inheritance and securing a fixity and firmness of type."

Mr. Patterson, however, puts in a plea for the thoroughbred as follows:

"In speaking of thoroughbred stallions in Canada, I would wish to point out that the Royal George stallions, and Clear Grit and his sons, of whom I have seen much mention made during the course of the Commission's inquiries, must, in my opinion, be allowed to trace a great deal of their ex-

you may assume that there is no trotting blood of any value in this country, that is not so mixed with that of the thoroughbred, as to bear out what I say, viz. that thoroughbred blood is essential to its excellence. Consequently we ought, even for trotting purposes, to encourage the importation of thoroughbred stallions. All the great American trotting families, the Stars (Dexter), the Clays (Patchen), Hambletonians (Goldsmith Maid), boast of thoroughbred blood;