

## THE CANADIAN NATIONAL BUREAU OF BREEDING, LTD.

It is the intention of the Canadian National Bureau of Breeding to inaugurate a campaign of education for the farmer, so that he will prepare his young stock for the market himself. He will be taught how to care for his mares prior to foaling, how to rear the colt so that it will reach its development at the earliest possible time, and then will follow instructions for the biting, breaking and shoeing of the youngsters, so that they may be turned into money as soon as possible.

Another advantage of the thoroughbred cross is its early maturity. While the cold blooded product is scarcely available before he is four years old, the half bred is ready for market at three.

George S. Rommel, Chief of the Bureau of Animal Industry with the Department of Agriculture at Washington, has this to say on the value of thoroughbred blood :

"Every European Government, to a greater or less extent, spends money annually in the purchase and breeding of thoroughbred stallions. The two most extensive plans are carried on in France and Germany. The product of the cross with these stallions is used for cavalry remounts. As an illustration of the value placed on thoroughbred blood by the Government I will refer you to the purchase of the stallion Ard Patrick, for the sum of 428,000 marks or more than \$100,000, and to the purchase of Galtee More for 280,000 marks or \$70,000.

"In France, thoroughbred blood has been used more extensively than in any other country. We are familiar in this country with what are called French coach horses, known in France as 'demi-sang.' This type has been developed by the use of the thoroughbred sire."

In the thirteenth volume of the French Thoroughbred Stud Book, which covers from 1898 to 1901, you can find 772 stallions registered. Of this number 351 or 45.46 per cent. were stallions used in the Government breeding establishments.

Now to come to the use made by private breeders, the foundation sire of the hackney breed is a horse known as Blaze, a thoroughbred horse. His son Shales ranks next. In the United States, the Morgan horse as already noted, is a product of the thoroughbred. General Gates, one of the greatest of the Morgan type, was out of a thoroughbred dam.

The trotter, as nearly every one knows, started on this continent with a horse known as Messenger. He came to this side of the Atlantic in 1788, and sired Mambrino, and he sired Abdallah, and he sired Hambletonian. As time goes on the concentration of the blood of Hambletonian is being made more and more intense every year. The great majority of trotters and pacers in America trace back to this horse.