stallions were sold in England for ox- celebrated prize winners having been back, or hitched to a load that would | Masher 13. "tucker" most trotters. The breeders Our illus of horses in Vermont have of late years photograph taken on the occasion of devoted themselves to the trotter, and, the Essenham sale. while some have bred heavy draught. horses, until recently no attempt has been made to raise the Hackneys, a breed that alway s commands the highest price in market. The town of Randolph and the state at large are to be congratulated that men like Dr. Webband Colonel Kimball, who have a description sire to use their wealth in furthering. There is no other part of farm the best interest of the farmers and management that is so often made un-

Our illustration is sketched from a

The Grazier and Breeder.

PASTURING ANIMALS

tentive of its water as to greatly overstallions were sold in England for excelebrated prize winners having been tentive of its water as to greatly overportation to the United-States, the ge'by him. Among these we may come the tendency to evaporation by most of which went west of the Ohio mention Astonishment 888, Bay Leaf the excessive heats of the summer. river. The Hackney is not a rival 1707, Copenhagen 1461, Daneport Thus we find such localities at that of the trotter, but it is a great mis- 3535, Ganymede 2076, General Gordon known as the blue-grass region of take to suppose that he has no pace. 2084, General Havelock 3623 Lady Kentucky, in which the soil is so A thoroughbred Hackney will easily Keyingham 2925, Lord Melton 3109, well suited to the growth of grass, where twelve or foresteen miles and Matchless of Londocky, 1517 Princess, and so retentive of the needed moistof the trotter, but it is a great mis- 3535, Ganymede 2076, General Gordon known as the blue-grass region of take to suppose that he has no pace. 2084, General Havelock 3623 Lady Kentucky, in which the soil is so A thoroughbred Hackney will easily Keyingham 2925, Lord Melton 3109, well suited to the growth of grass, cover twelve or fourteen miles an Matchless of Londesbro' 1517, Princess and so retentive of the needed moisthour, carrying a heavy man on his Dagmar 4590, Saxon 2674, and The ure, as to produce the finest pasture and maintain it in the best condition for a century. There are found fields that have never been broken by the plough, in which the native grass at first took complete possession, and has kept it and promises to keep it in perennial verdure. This, however, is one of the rare instances on this con- for this same reason And the seed tinent of such favorable conditions of soil and climate, for elsewhere the greatest skill hardly prevails against the natural obstacles to the maintendard growth of grass. If the seed

ance of permanent pasturage. But it is not at all difficult to make horse breeders, are found within their profitable by neglect as pasturing, and a profitable pasture for a short term of borders.

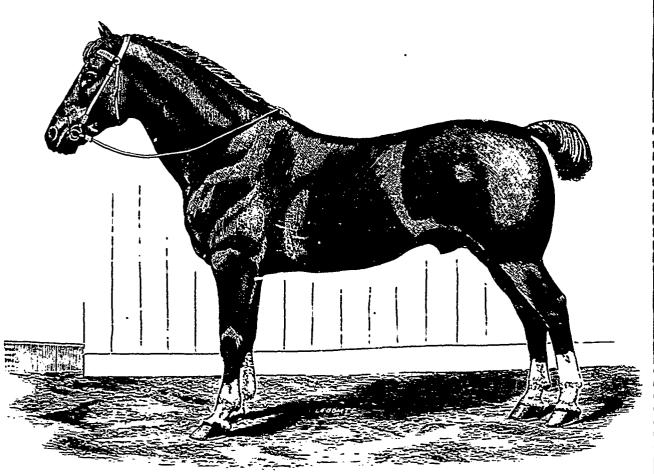
there is no other that may be made years by a due preparation of the soil.

Watchman. more profitable by its skilful culture, and after care. This preparation con-

jury by neglect, is to encourage the loss of the grass and the substitution of weeds for it. And in addition, it must be so used as to give all needed opportunities for the grass to make a sufficient growth before it is caten down at the beginning of the feeding season. This is an important consideration at this time. (1)

Ploughing for pasture should be done in the most thorough manner. The land must be all broken up and made fine and mollow. If any hard spots are left, these will soon be bare of grass, and weeds will take its place. It should also be made evenly fertile, strong growth of grass. If the seed is timothy and clover, which will make a five or six years' pasture, if the perennial clover is used, not less than twenty pounds of each to the acre will be needed. And if mixed grasses are used, the quantity of seed must be 40 or 50 pounds per acre. A good selection for this seeding is ten pounds of timothy and six pounds of perennial rye-grass, yellow oat, meadow fescue, foxtail, tall fescue, and red-top grasses. These will afford a continuous succession of pasture through the season.

But it is one thing to make a pasture and quite another to keep it as it should be. The use of a thing is very often of greater importance than the mere making of it, as regards its value; and this is especially true of a pasture, which is o easily ruined by bad management; and this is a timely consideration now when the pastures are about to be occupied. The growth of the herbago is yet weak and in its first stage, when it needs time to gain strength for its full luxuriance. If it is fed down now, the weak roots can-not recover from the shock and will perish, and this is the most frequent cause of the disappearance of grass, which occasions surprise to the farmer who cannot understand why this should be so. It is like the cutting of weeds or bush, by which the leaves being prevented from growing, the plant cannot be nourished and quickly dies, for the leaves, and not the roots, a e the principal sources of the nutriment of all plants, which derive twenty times as much of their substance from the atmosphere as from the soil. It is in vain to feed the roots by the most liberal manuring or fertilising, if the supply of atmospheric food is cut off by depriving the plants of their leaves. And yet this most obvious principle of plant growth is THE CELEBRATED HACKNEY
SI E, DANEGELT 174
With the exception of his sire. Danark 177, Danegelt probably ranks as the most successful Hackney sire of modern times, and the far that be has been recently purchased by Mr. Wite Gilbay for the phenomenia sum of 5,000 guineas, in order to prevent his going to the United State of the soil, and the same portioned change of the use of the land becomes wastelul. Pastures may be permanent or temperature of the soil or rapid evaporation. Moreover, a grand example of the cross will suite to our climate of the content of the lilustrate where the sum more is cooler and the rainfall is greater the Yorkshire and the strongly advected by Mr. Norlok strains of blood which has the as contended the sum of the contended to the conten



THE CELEBRATED HACKNEY SIRE, DANEGELT 174.

RECENTLY PURCHASED BY MR WALTER GILBEY, FOR 5,000 GUINEAS.