out a success, they might give prizes for the heaviest nulkers, say, three and six months calved, undisputable evidence of date of calving being made as sure as possible before competition; as it is well known the most profit able dairy cow is not always the one which gives the most milk shortly after calving, but the one which keeps her quantity well up on to the sixth, seventh, or eighth month, and in exceptional cases even later. The subject is a pretty wide one, and has been little attended to, so that an open and untrodden field in research is yet open to those who care to tread it.

PHALLAS AND MAXEY COBB.

The Turf, Field, and Farm furnishes the following graphic description of the great stallion race :-

"In one of the boxes sat Mr. Case, a trifle restless, and gathered around him were members of his family, his wife and daughters wearing purple bows, evidently cut from the silk out of which the jacket of Bither was made. In a box higher up was Mr. Cohn^{fold}, the pic-ture of anxiety. He was on his feet more than three-fourths of the time, and with the aid of a field glass he followed every movement of his horse. The bell tapped, the band ceased playing, and the drivers took their seats behind the famous stallions. The first score Phallas came down ahead, and the recall was sounded. As the horses jogged back the contrast between their gaits was striking. . Phallas shuffled along on his toes, as if sore, while Cobb stepped and he was a tired horse. out with the grace of perfect action. In the tame. Buther held Phallas back and Murphy second score Phallas left his feet, and a trailed after him. The time was: 35¹/₂, 1.11¹/₂; second score Phallas left his feet, and a sob bordering on the hysterical rose from the Case box. On the third score Phallas again went into the air, but it was such a nervy, snappy break, that the critics accepted it as an evidence of fine feeling instead of screness as an evidence of fine feeling instead of s reness on the part of the horse. But to the less practicsd eye of the daughter of the owner of the stallion it foreboded disaster, and a half-suppressed sob again floated on the air. On the fourth score Maxey Cobb grabbed a scalpin, boot and left his feet, and now agitation ruled the box higher up in the stand. Mr. Cohnfeld rushed down and across the track, held a brief consultation with Murphy, and returned with more deliberation to his seat. In the fifth score Dr. S. H. Adams in New England Homostead. Phallas was ahead, but Murphy nodded for the word, and President Edwards gave it clear durance, gameness, and speed. Without these and strong. Before the first turn had been three qualities he can never be a first-class reached the brown son of Dictator made a snappy road horse; though, of course, if you superadd lunge into the air, but while the "Ohs!" were to these qualities beauty, docility, and style, dying away Bither settled him, and sent him you materially increase the value of the animal.

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being an immense favorite. not shine was on the chair which held Mr.Cohnon the second score. and as soon as the horses shoulder. were in full motion it was plain that Murphy had enanged his tactics. Instead of saving his burst for the finish, he tried to take the lead VEGETABLE CULTURE IN BERMUDA. from Phallas at once, feeling confident that Maxey Cobb would fight a gamer battle if allowed to show the way. The clip to the quarter pole was a merry one, 331 seconds, and the flight to the half was rapid and electrical. The time was 1.06. Something had to crack, and it was the heart of Maxey Cobb. Phallasbegan widening the gap, and he had tr. o lengths the best of it at the quarter pole in 1.401. Down the homestretch Bither drove the son of Dictator with one hand, looking back half mockingly, half sympathetically, at Murphy laboring with the son of Happy Medium. The time, as taken by George W. Short and Rody Patterson, was 2.15³. In the orchard the crowd surged around the ring where Phallas was cooling out, and Carlisle and Harvey and De Mass looked sorrowfully at Crawford for having allowed such a good thing to slip through his fingers. They had come to Cleveland on purpose to back Phallas, but had waited in vain for the bounding odds off the second heat. It is true they had their money in their pockets, but they grieved because they did not have the other man's money on top of it. Maxey Cobb's hair looked harsh and dry The third heat was stallion crown had been staked and lost, and in slower time than was predicted. Maxey Cobb possibly got off a little in being shipped from New York to Cleveland, but at his best he could not have lived the pace with Phallas. In the fourth of July.'

BREEDING ROADSTERS.

The great essentials of a good roadster are en-

and his figures make these breeds compare ted in 35 seconds. At the half-mile pole, which tended for a road horse, unless he or she be ery unfavorably with the large Dutch cows. was reached in 1.081, there was plenty of day-It must, however, be remembered that quan- light between the two stallions, and at the third most to be desired on the part of each. A tity of milk, although a great factor in dealing quarter, time 1.41, Maxey Cobb was still behind. horse, to be a mover of the right sort, must with a dairy animal, is not everything, the cru- Murphy now began to drive his horse, evidently, have his mechanism as perfect as a chrono-cial test being the amount of butter, cheese, or hoping to tush his antagonist off his feet, but meter watch. A certain style is necessary to fat (I mean beef) which each produces for a Phalla: was equal to the increased flight, go fast and to stay. We all know that those given quantity of food, under equal conditions, and he did not weaken. The whip fell sharply horses that have gone fastest, and been noted Looked at in this light, the order of breeds was on the back and shoulders of Maxey Cobb, but stayers, have been possessed of wonderful Looked at in this light, the order of breeds was on the back and shoulders of Maxey Cobb, but stayers, have been possessed of wonderful almost reversed at the last milking trials held. Bithers shook out Phallas, and he crossed the power across the loins. I have never seen a lately in London. The subject is as yet very score a winner of the heat by a length in 2.14. successful trotting horse in this country with-imperfectly understood, and deserves consider. The last half was trotted in 1.05³/₄, a 2.11 gait, out a powerful quarter, and I have seen most ably more attention than has yet been devoted through unexpected, moved the vast of the famous ones. Of course it is necessary to it. The movement, however, iately taken throng to cheers. Either admitted that the powerful quarter, deep chest, a good the heaviest milkers—date of calving, quality, the stable was that the money had not been and quantity being taken into account—is unput on prior to the start. The groom was the powerful quarter, these qualities are of no doubtedly a step in the right direction. Should only one who rejoiced. He had risked his avail. I would, then, endeavor to have both their endeavors be met with approval, an turn savings at \$100 to \$90, and he felt happy. The dam and sire provided with this great essenout a success, they might give prizes for the letting on the second heat was tame. Phallas tial, and if not both, at least one of them. Letting on the second heat was tame, Phallas tial, and if not both, at least one of them. The purple in the Then the attempt should be to get the sloping Case box was worn more boldly now, and the shoulder, blood-like neck and head. It is true only spot in the broad park where the sun did with an upright shoulder a horse may be fast, but there is not the same ease of action which feld. In the second heat the word was given is so essential for endurance as in the sloping

From the American Cultivator.

Consul Allen says that onions, potatoes, and tomatoes comprise almost the entire production of Bermuda, and give employment to the greater portion of the inhabitants, and the prosperity of the colony depends largely upon the success of the crop and the demands of the markets.

In onion growing the seed used is grown in the Canary Islands, and is imported in the months of August and September; it is sown in the months of September, October, and November, thickly in beds, the ground having been heavily manured with stable manure two or three months before sowing. The white seed is sown first, and produces the earliest crop, the shipment of which commences in March. When the plants are sufficiently large -about six to eight inches high-they are transplanted into beds about lour feet wide, the plants being set about seven inches apart each way. The plants from the white seed are transplanted as soon as they are large enough, but those from the red seed are not usually transplanted until the beginning of January, and the ground requires to be only moderately If transplanted too early, and the manured. soil is too rich, the bulb is likely to split into After transseveral pieces, and is worthless. planting, the soil requires to be lightened once or twice and the weeds removed before they mature. As soon as the top begins to fall, the onions are pulled and allowed to lie on the ground for two or three days, when they are cut and packed in boxes of fifty pounds each and sent to market.

All the onions are delivered at the port of shipment in boxes, ready for the market, and for the past two years the producer has been compelled by law to place his name or initials conspicuously on each package. It is estimated that a large profit on the outlay is realized when the crop is large and the market good, an acre of ground sometimes returning as much as \$550 to \$800.

For the cultivation of potatoes the seed was formerly nearly all imported from the United States, but of late years has come largely from New Brunswick, Nova Scotia, and Prince Edward Island. The ground for potatoes is to the front with a lightning-like rush, cutting Experience, the best of teachers, has shown Edward Island. The ground for potatoes is in somewhat sharply to the pole, and taking us that no horse can possess endurance, speed, that position from Cobb. Murphy seemed to and game without being well bred. Starting, be satisfied with a slow pace, because the therefore, on this theory, that no horse is fitted watches showed that the first quarter was trot- to get, and no mare is fitted to bear, a colt in-ground with the finger to the depth of about