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hunting present horses. hacks, rs, runs, troop 's, cante, cobs. s. The Horse," d breed cts him n those es, and rotting

THE FARMER'S ADVOCATE

when they discovered that in a trail she had trot- disinfection of the stables, keeping the two farms and on the range territories of Canada and also recorded that when 23 years old she trotted o miles in 281 minutes. A grandson of Phenomena appears in the Hackney Society's Studbook. under the name of Jacob's Phenomenon 578. The Hackney, by careful breeding, has been improved in size, quality and height of action, though not in speed, and is no longer used as a saddler, but is the heavy-harness horse "par excellence" of the present day.

CHARACTERISTICS.

AUGUST 8, 1906.

The typical Hackney is a blocky horse, of good quality, very stylish and attractive, whether standing or in motion. He should be from 15 to 16 hands high, and weigh, say, 1,000 to 1.250 lbs. His head rather small and bony, with fine ears, broad forehead, prominent but mild eyes; lips firm, and mouth rather small; neck of medium length, muscular, not too thick at throat, and well carried; withers rather high, but not so fine and sharp as the Thoroughbred; back rather short and straight, and loins broad and strong; croup long and slightly drooping, ribs long and well sprung, deep through the girth, and breast muscles wide and prominent; shoulder oblique and long; forearm long and strong; knee large and straight; cannon broad, flat and clean; pasterns rather long and oblique; feet rather large, round, and of good quality, and he must stand straight; huanch and gaskin strong and well muscled; hock large, clean and angular; hind cannon and pastern same as fore; hind feet rather long and narrower than fore, and he stands with toes turned slightly outwards. In color he may be bay, brown, chestnut. black. roan, gray, with reasonable modifications, considerable white markings not objectionable, but in all harness horses an off color is undesirable. The action of the Hackney is the chief characteristic, but the present-day, high-class Hackney must have quality as well as action. The day has past when everything else can be sacrificed for action. A Hackney with the desirable action but lack of quality, is probably more thought of than one with quality and absence of action; and while, to a certain extent, we will sacrifice quality for action, we look for and demand both to a well-marked extent. He must both walk and trot well. His shoulder, elbow, knee and pastern action in the fore limbs, and his hip, stifle, hock and pastern action in the hind limbs, must be free, easy, and extensive (we might say intensive), knee and hock action must be high, pasterns must be well flexed, showing the soles of the feet plainly; shoulder thrown well forward, giving considerable extension to the tread, with style, grace and speed, the fore feet brought high up towards the elbow; he must neither paddle nor roll with fore feet, nor allow them to tarry in the air, but fetch them up and forward in a straight line with grace, promptness and style; hind feet must be lifted promptly and high, with good hock flexion, not with sprawling action, nor yet going close enough with the feet to interfere, but being brought forward in a straight line with a long stride and planted firmly and lightly.

ted four miles in less than 11 minutes. It is sections in separate quarters under the care of the United States is such as to make it decidedly reacting animals soon after birth, feeding them farmers are peculiarly well situated for taking on milk from the healthy animals, or on milk advantage of the increasing trade in this line from the other herd, pasteurized to destroy the which is bound to come our way. Many United tuberculosis germs, and regular testing of the States flockmasters look to Canada for rams for sound herd to detect and remove any new cases the improvement of their flocks, knowing from that might occur.

> room led to lessening the number of cows, contageous abortion preventing the raising of any calves one year, and some of the cows produced to understand why the same cannot be said of placed, eleven calves coming from the thirteen ative prices, considering the cost of production, healthy cows, and fourteen calves from the and gives quick returns to the producer; and we seventeen diseased animals.

many natural difficulties as can ordinarily be expected in an average dairy. It is accordingly believed that, with good care, the rebuilding of a similar herd can be regularly accomplished in from three to five years.

The experiment proves the Bang method a success in New York State, as elsewhere, and uable animals that become tuberculous.

More Sheep Should be Kept on Western Farms.

of this class of stock in the highest degree of pernot a few who are well qualified by training and the original cost, a flock can, in a very few years, experience to bring them out in the pink of be built up and maintained, to the profit and condition and in robust health and vigor. The satisfaction of the owner. We know many hibitions in which they have competed, at and, from our extended experience and obser-Chicago and elsewhere, with Canadian-bred-and- vation, we feel safe in counselling the keeping fitted sheep in their own hands, and those of of more sheep by the farmers of Canada, beothers to whom they had sold, furnished abundant evidence of the high-class character of our sheep, the undoubted skill of our shepherds, and in all theyear to buy sheep for a foundation stock the suitability of our climate, our soil, and our or to replenish, is in the early autumn, when the stock foods, for the growth and development of lambs have been weaned, and the ewes are gensheep and the production of mutton and wool of erally in good condition. If deferred to a later the best quality

In view of these facts, it is unaccountable that dian farms, that by a very large proportion of through the winter, and will then only sell for our farmers they are entirely neglected, and that the aggregate number of sheep in the Dominion Those who buy early generally get the best has been steadily decreasing for the last fifteen selections. years. We are confident this fact is not due to any general disability affecting the industry. We believe it is absolutely safe to say that in no other country are sheep liable to so few diseases or disadvantages of any kind. The climate is as near an ideal one for the successful raising of this class of stock as can be found anywhere in the world. All the principal mutton breeds do well with us. There is no class of farm stock the raising and care of which requires so little labor or expense as this inoffensive and unpretentious moneymaker. Sheep will live in summer largely upon pickings in the lanes and by-places of the farm, and in the fall prove most useful and make good gains on the stubble, and will eat many of the make a note of the low places in the field where clean the farm and keep it clean. No stock is so little affected by protracted drouths; they prefer a short nibble, and thrive better in a dry season than in a wet one when feed is overflush. The fleece of wool — a volunteer crop, which covery at once surprising and disheartening. and which is perennial during the life of the animal, amply pays for its winter keep, even physical condition, so far as all outward appear- when liberally fed, and anywhere from fifty to ance. But I scarcely need mention this as the ances were concerned. They were animals of a hundred per cent. of an annual increase from point is generally conceded. Third, is harvesting excellent breeding, and they were needed to the ewes may be reasonably expected, and with carry on experimental work; so it was decided a little care and good management, may be renot to slaughter them outright, but to adopt the alized. We doubt if any other investment in proper mode of shocking. While it is important of a sound herd, using the pasteurized milk from semi-annually declared by a well-bred and well- ripeness, slovenly shocking is responsible for the reacting animals as needed in the dairy, and cared-for flock of sheep. There is generally a much of the low grade wheat that reaches the benefiting by their good breeding in raising calves good steady demand for mutton sheep or lambs market. If some care has been taken to drain in the great markets at all seasons of the year, off the surplus water, and pains taken with the This method involved the separation of the herd at good paying prices, considering the cost of seed your crop should ripen fairly even. But into sound and tuberculous sections by the tu- production, while the demand for breeding stock if some of the wheat is dead ripe and other

different attendants, removal of calves from profitable to cater to that trade, and Canadian experience that sheep bred, and raised in our Many obstacles were encountered that inter- climatic conditions possess the requisite stamina fered with the rapid renewal of the herd. Burn- and quality to improve the stock they are brought ing of the barns destroyed some stock, lack of into contact with, and they will continue to come here for fresh blood. The Americans are fast becoming a mutton-eating people, and it is hard only bull calves. Notwithstanding these mis- our own people, for there is certainly no more haps, four years from the application of the wholesome meat that can be placed upon our method saw the healthy herd again thirty in tables. Lamb is rapidly growing in favor as number. In this time 25 animals had been re- an article of diet, and brings highly-remunermay look for a steady increase in this trade, in This work was carried out in the face of as sympathy with the prevailing preference for young meat in all lines.

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While it is true that the quality of our best breeding flocks has been well maintained, thanks to the skill and pluck of the breeders of purebred flocks, who have nobly held on through times of depression without adventitious aid from outside sources, while kindred industries points out to the owner of a herd a feasible have been boomed by Government agencies and method of utilizing the good breeding of val- aided by special favors at the public expense, yet it is also true, as we have intimated, that sheep are neglected by a very large proportion of our farmers, we believe to their own direct loss. There are few farms in the Dominion on which a small flock could not profitably be maintained. The expense The magnificent display of sheep of all the of starting a flock on a small scale is very moderate principal breeds at the leading exhibitions in and may soon be repaid by the sale of surplus Canada, amply demonstrates that we have a stock, while, by retaining the best of the young country admirably adapted to the production females, and purchasing at intervals of two years a new ram, which may often be sold at the fection, and that we have practical shepherds, end of his term of service for nearly if not quite splendid record made by our flockmasters in farmers who find their little flock of good grade winning honors at the great international ex- sheep the most profitable asset on their farms; lieving, as we do, that this is a field in which our people can continue to excel. The best season period, breeders will, as a rule, have sold what they intended to dispose of, and have reduced so few sheep, comparatively, are found on Cana- their flock to the number they intend to keep tempting prices, if they consent to sell at all.



and attractive must show this action (we may say flash action) whether jogging or going fast, and the faster he can go the better, so long as he maintains the quality of action. WHIP.



Bang Method Successful in New York State.

In the fall of 1900, by tests with tuberculin, more than half the animals in the dairy herd of the New York Agricultural Experiment Station at Geneva were found to be tuberculous—a dis- never fails—which no other farm stock yields. Many of the affected animals were in excellent Bang method and to attempt the restoration farming will pay as liberal dividends as those from them.

in test, isolation of the reacting animals, for improving and replendishing the flocks on the portions quite green I'm afraid it would be about berc

How to get Wheat into the King Row.

Editor Farmer's Advocate:

To get into the "king row" with wheat, there are four points that should be closely adhered to. First, when working you summer fallow weeds that infest the pastures, thus helping to water is likely to lodge in the spring. Then sometime before winter sets in make furrows with the plow, following the natural water courses, that will carry off most of the water in the spring. If the operation is gone over again after seeding, there will not be so many late green patches on the field, which is one cause of much wheat going low grade. Second, the seed while placed second in this category is first in importthe crop. That imbraces two operations-first, the proper stage to cut the wheat; second, the that the crop should be cut at the proper stage of