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Re

Village Cow-Keeping.

EDITOR CANADA FARMER. - Strolling through a wellknown village in the County of Waterloo a few weeks ago. this deponent was listener to an interesting conversation. The speakers were a confectioner, the happy possessor of one cow, which, he said, he kept at a loss, and a shoemaker who owned four of the bovines and affirmed that they paid him remarkably well. In proof of this affirmation he compiled the following statement after due delib eration. I give it as nearly as possible in his own words, premising that the question of pasturage is not taken into account, and that for the simple reason that perhaps the great majority of Canadian villagers get their pasture free, their kine being simply turned out to the roads where they ere allowed to roam and graze at will.

But to my statement. Mr C (so I will call the shoemaker) keeps four cows, three of which are giving milk, the fourth being dry. It may be added also that, of the three milkers, one has but three teats and another only two On the first of last June Mr. C. laud in one ton bran at \$13.00, and 200 lbs, chopped stuff worth \$3.00. On this he fed his cows, two pigs and a number of hens up to September 1st, (three months) and with the following reeults, viz..

Quantity of butter between 1st June and 1st Sep-Minimum quantity of milk used in his own family during that term 3 quarts daily at 5 cts per qt Extra milk used on different occasions, say 3 00 Quantity of milk sold, same time 12.60 Increase in value of two pigs fed wholly on chopped stuff and buttermilk..... 14.00 Increase in value of one cow, same time Value of eggs produced by hens fed solely on chopped 6.50 Total........\$91.12

	THE WHOLF SUMMARIZED.	
spenditure	***********	\$16.00 .
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Such in brief is Mr C's statement which undoubtedly shows a large margin of profit for three months. There are, however, one or two considerations occurring here, and these should be taken into account, viz. 1st. - The three months mentioned are the best of the whole year, bovinely regardered and Pasturage is not taken into account. 3d. Would the cost of pasturage deducted from the above profits, leave a sufficient margin to merit the name of "paying," the trouble of milking, the regular waste of muscular tissue in other words, when et .. , etc., considered? And lastly, supposing after the deductions it did pay, and pay well, would the profits of these three months be counterbalanced, or would they not during the remaining nine months of the year?

A CONSTANT READIR.

Fast Walking Horses.

Early in this year, we drew attention to the desirability

buggy, or carriage, or to carry you upon their backs. Breed large, time mares to thorough-bred horses and you will get colts that you will not be ashamed to have your friends see.

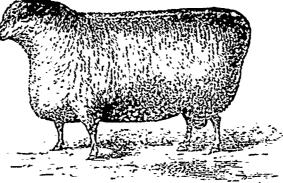
Economic Horse Management.

(Continued from last we th)

Two years ago, I fed a lot of horses on maize and hay, Two years ago, I fed a lot of horses on maize and hay, another lot on maize, beans, and hay: the result being greatly in favour of the mixture. Those fed on maize only showed as great bodily bulk, but not such hard, firm muscles; they ere not so fresh at the end of the day's work, and when excessively wo ked, were loose in their bowels. I allowed 3lbs, per day more of the maize than of the mixed grain, but 98lbs, a week of beans and maize kept the horses in better condition than did 119lbs. If maize alone.

Barley is usually looked upon as an unsuitable grain for horses. It is said to cause irritation of the skim. I have used i largely, and have not detected this or any other objects i to its use when the market price suggests that it is economical. I have, however, seldom used it in larger proportions than 25 per cent, of the total allowance of corn. Barley is the staple tood for horses in Spain, and in Lurkey, Syria, and other eastern countries. It is about Turkey, Syria, and other eastern countries. It is about equal in feeding value to oats or maze, for which it may be substituted when the relative price of these grains are such as to render it economical.

foods tending to produce constipation, or as a substitute for



Imported Ram "BRITISH BARON," The Property of Mr. William Heroson, Myrtle, Ontario.

rich food when disease or idleness suddenly puts a stop to the regular waste of muscular tissue in other words, when the demand for nitrogenous matter is wanting.

No matter what grains or mixtures of grains we use, some bulky provender is required to enable the horse to properly digest his food. Hay serves this purpose, but it also supplies mutritive material, and, as an indispensable article of provender, requires proper attention. Considering its price in relation to its feeding value, hay is very expensive. Its feeding value, too, is very variable, depending greatly upon its growth, the state in which it is cut, the condition in which it is harvested, &c. Good hay should be of quick growth, should be cut before the formation of seeds in it—i.e., when in flower—and should be of fostering the walking gait in horses, by the giving of mation of seeds in it—i.e., when in flower—and should be special prizes to the best walkers. We notice that the well won. It must not be stacked wet or too green, lest idea has been taken up elswhere. The Rural World says:

The less walk a horse has is the fact walk. A slow.

establishment before the horse-keepers were made to 1 y smartly for their negligence. But even with are, which it is mangers are properly arranged, and the length of the hay altered by cutting, considerable wasto is inevitable.

(Concluded next Months)

FROZEN POTATOES. -- Experiments in Germany on frozen potatoes prove that the freezing in no wise alters the chemical composition of the tubers. The change is simply physical, and even if freezin hard, they are still fit for distillation, or they may be present to get rid of the water, and then ground into a very good meal adapted for feeding cattle. cattle.

FALL Fredixo. -- Do not let rtock fall away in flesh as winter approaches. What is lost now is doubly lost—once in the value of what it has taken to produce the weight, and again in what it will take to restore it. Added to this, less food will produce a pound of fiesh new than will be required when a larger amount of animal heat has to be furnished.

turnshed.

Comparative Value of Foods—Taking timethy bey as the standard of comparison, it requires 100 pounds of it to supply a certain amount of nour himent. It is estimated by careful experiment, that the same amount of nourishment can be obtained by using the following quantities of other food. Clover lay, 90 lbs; rye straw, 555 lbs; oat straw, 221 lbs; potatees, 195 lbs; errot, 250 lbs.; beets, 316 lbs.; ruta balas, 22 lbs; beets, 316 lbs.; ruta balas, 22 lbs; keat, 43 lbs.; peas, 44 lbs.; beans, 46 lbs., rye, 49 lbs.; la.ley, 51 lbs.; corn, 56 lbs.; oats, 59 lbs; buckwheat, 64 lbs., and all ake, 64 lbs.

INCESTUOUS BREEDING. - Randall in his work on theep

Incentious Breiding. Randall in his work on theep husbandry remarks:—A brother and sister may be apparently healthy—may be actually so—but may presents an diosynerasy which, under certain circumstances, will mainlest itself. If these circumstances do not chance to occur, they may live, apparently possessing a reluction, until old age. If field to ether, their off-ring, by a rule already laid down, will possess the ide synchasty in a double degree. Suppose the rain to interbred with sisters, half sisters, daughters, grand daughters, etc., for several generations, the prodisposition toward a particular disease—in the first place slight, now strong, and constantly growing thronger—will pervade and become radically incorporated into the constitution of the whole lock. The first time the requisite exeiting causes are brought to bear, the disrequisite exciting causes are brought to bear, the disease breaks out, and, under such eire imstances, with peculiar severity and main man, y. It it be of a fatal character, the flock is rapidly swept away, if not, it becomes chrome, or periodical at freguently recurring intervals. The same remarks apply, in exit, to those defects of the outward form which do not at first, from their slightness, attract the attention of the ordinary breeder. They are rapidly increased until, almost before thought of by the owner they destroy the value of the sheep.

THE CARE OF MALES.—Male animals designed for breaders should be kept as much as possible in the let, and not in the stable or box stalls; fed in a box or trough, with good, healthy, nutritious food, in such quantity as to insure a vigorous growth, after allowing all the grass or hay the animal will eat, keeping him in only in very lad weather, and then no longer than it may be storming. Exercise in the open air is conducted to health in man or beast, while lying on the ground has a tendency to keep the system of an animal cool, which is very necessary when an animal is cating stimulating tood. His order when an animal cool, which is very necessary
when an animal is eating stimulating tood. His order
should not be so high at any time as to interfere materially
with his service, but should always be so good as to be
vigorous and healthy. He should rather be improving
than declining, and should render but one good service to
each female, and never more than two, in one day, if in
full work full work.

special prizes to the best walkers. We notice that the idea has been taken up elswhere. The Rucal World says:

The best gart a horse has is the fast walk. A slow walking horse is an abomination. Who has patience with such a horse? If you ride him or drive him, he exhausts who he road, he mopes along at a small's pace. He does only about half the work of a rapid walker. If time is money, you make money because you save time by having a horse that walks fast. Breeders should pay attention to this matter. In selecting a stallion to breed from, by all means will be likely to get slow walking otles; with the stallion of the road, he mopes along at a small's pace. He does only about half the work of a rapid walker. If time is money, you make money because you save time by having a horse that walks fast. Breeders should pay attention to this selecting a stallion to breed from, by all means will be likely to get slow walking otles; with the stallion of the form of the three is a great deal in breeding to a horse with spirit and ambition. These cold-blooded horse will begin the relative proportions of each must depend and style. There is a great deal in breeding to a horse with spirit and ambition. These cold-blooded horse will begin the relative proportions of each must depend and style. There are neat, bony heads, the prominenteyes, and style. There are neat, bony heads, the prominenteyes, and a manual proportions of each must depend any purpose—to pull the plough, or company, and for any purpose—to pull the plough, or company, and for any purpose—to pull the plough, or FAMOUS CATTLE THAT WERE NOT PRIZETAKERS