By Agronomist

This Department is for the use of our farm readers who want the advice of an expert on any question regarding soil, seed, crops, etc. If your question is of sufficient general interest, it will be answered through this column. If stamped and addressed envelope is enclosed with your letter, a complete answer will be mailed to you. Address Agronomist, care of Wilson Publishing Co., Ltd., 73 Adelaide St. W., Toronto.

manure on this fall or in the spring? Twould it be advisable to use fertilizer on such land in the spring? This land is level and well drained, intended for potatoes.

Answer:—I would advise putting on the manure in the spring. Be sure to store it protected from the rain and snow; otherwise you, will lose a lot of the available plantfood by leaching. In order to get largest yields of best quality next spring, you will do well to add fertilizer to this soil. In tests at Fredericton, New . Brunswick, last year, the Experimental Farm got an increase of 69 bushels and 33 pounds of carrots per acre by adding 650 pounds of fertilizer to the are along with 30 tons of manure per acre. This increase was in addition to that obtained by the manure alone. In the same test, the addition of fertilizer to manure returned a gain of 124 bushels and 44 pounds of turnips to the acre. Potatoes require largely the same type of fertilizers as the foregoing crops. The addition of sufficient fertilizers as the foregoing crops. The addition of sufficient fertilizers as the foregoing crops. The addition of sufficient fertilizers as the foregoing crops. The addition of sufficient fertilizers as the foregoing crops. The addition of sufficient fertilizers as the foregoing crops. The whole you advise the whole plants turn yellow, harvest the whole plants turn yellow, harvest the whole plants (or sconcerned.

Of course if the old horse is offered for sale he will not bring as much of two twich spring. Of two twich sare though the young mer to store it protected from the rain and snowly obselved preparation and the sections are threshed out, the lentils do not the study of twich are threshed out, the lentils do not fit the pound in the spring. Do of twich are threshed out, the lentils do not fit to twitch grass or quack grass, it requires per serve to store it protected from the rain and snowly obselved preparation for a sufficient fertilizer to the acre threshed out, the lentils do not the sprouse the study long of the will punish the pound

This Department and This Department are specified in expect on any question regarding son, so of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through this of sufficient general interest, it will be answered through the sufficient general interest, it will be answered through the sufficient general suf

Are silent on the Scheldt:

That follows them through the

Three-quarters of a child's growth discovered up to the present time

All other kinds of farming are more or less of a gamble, but the man who is in dairying is reasonably sure of a fair return for his labor and capital. There is no sure way of telling what a cow is capable of except by weighing and testing the milk. There is no connection between the length of the tail and depth of the milk ing of meast care are the ready are the r of the tail and depth of the milk ing of meaty carcasses, qualities that pail the cow will fill. Some of our are more or less unsatisfactory in

best milkers have been bob-tails.

At the same time a wide space between the back ribs is a good thing to look for in buying. The main thing, however, is depth and width of rib and space between ribs and hins.

rib and space between ribs and hips.

This indicates capacity to store and digest food. The "milk veins" are habits, abilities and characteristics

The silent on the Scheldt; They have humbled the bells of Flandingest food. lso important

If you want large milk yields you to feed and care for them more intel-

must have a fairly large cow. Other things being equal, a large cow will

There is ordinarily more profit in a things being equal, a large cow will produce more, at less cost, than will a small cow.

If you killed a cow which was giving three gallons at a -milking you probably would not find more than that many quarts of milk in her udder. The milk is produced while the process of milking is going on. The act of milking transforms tiny cells in the udder into the form of milk.

Every dairy farmer should test his cows and weigh their milk. He

Hubbard squash and cabbage make excellent green wirter feed for hens.

It is just as important to provide green feed and an mal feed for hens in winter as it is to supply a milch cow with roots, silage and chop to make her milk.

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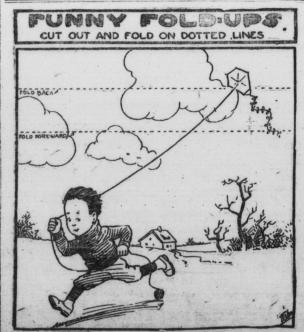
(Horse Sease 2)

Now this is the condemnation

-Mary Eleanor Roberts.

read weigh their milk. He breds were employed? Uniformity takes place during sleep.

I should do this for his own satisfaction should do it for financial reasons; value in shipping carcasses to market; remedies to be put in holes bored in a cow, proven as to capacity by test, and so it is with eggs; and surely we will sell for two or three times the can not expect uniformity if we use insects or disease. Direct application by spraying is the only preventive sizes, colors and conditions.



ran with all his might,

Sheet Thates 1

If you are breeding for speed, mate ong-legged males and females. Most of us would not care for that kind of sheep on our farms. We do not want fence jumpers, but quiet, yet vigorous sheep. For this, sheep with short

sheep. For this, sheep with short legs and compact bodies are best. Every year or two some one sug-gests that the forests be used as sheep

The addition of afficient fertiles and the addition of afficient fertiles of the sold when affalfa is to be grown, as an early given to a district on the addition of a similar the addition of afficient fertiles of the sold when affalfa is to be grown, as an early given and the addition of the addition

GOOD HEALTH QUESTION BOX

Dr. Huber will answer all signed letters pertaining to Health. If you question is of general interest it will be answered through these columns if not, it will be answered personally if stamped, addressed envelope is ebclosed. Dr. Huber will not prescribe for individual cases or make diagnosis. Address Dr. John B. Huber, care of Wilson Publishing Co., 73 West Adelaide St., Toronto.

Cut out worrying; it help; disease to develop WHOOPING COUGH.

which may be complicating or sequel to pertussis—emphysema, hemor-rhages into the brain, hernia, broncho-

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In England whooping cough—pertussis—occasions more deaths than
does measles or diphtheria or scarlet
fever or typhoid fever. 800 of our own
injuly. The second of the se children dies annually of it. Nor is this taking into account the diseases to worry. QUESTIONS AND ANSWERS.

Subnormal Temperature.

rhages into the brain, nerma, orbital pneumonia, mastoid abscess, tuber-culosis.

Whooping cough is even more ser-lamber of one and one-half degrees. I am 55, weigh about 160, work in the state of the lamber of t Will you kindly advise me if any-

oftentimes in epidemics, which vary greatly in contagiousness, intensity and mortality. The specific germ is spread, just as in diphtheria, in the secretions from the mouth and the calcholism, melancholia, innutrition, secretions from the mouth and the nose that are sneezed (and thus atomize, or sprayed out) coughe and spat out, or carried about in handkerent subnormal temperature of one and spat out, or carried about in handkerchiefs, on toys, drinking cups, roller
towels and the like, which people who
come in contact with the patient
handle. Except for the droplet inhandle. Except for the droplet innance. Except for the droplet infection which results from sneezing and coughing (and which is always to be obviated by the handkerchief or other cloth held before the patient's workers suffer from lack of exercise.

WHY CHILDREN.

NEED MILK wanananananananananan

The most important part of milk as a food for children is that which furnishes the vitality of the child. It is fund in two substances, not very well known, which diet specialists call "growth getters" because they beget growth. These two substances are found in milk recorded that the children is the control of the count in milk recorded the children is the control of the children in the control of the children is the children in the children is that which is the children in the children is that which is the children in the children is that which is the children is that which is the children is the

milk and the other is in the fat.

When the cream is taken from the milk half of the growth getters are the cream contains practically all of those that the cream contained. Skim-med milk has the other half of these mysterious substances, and cheese made from this skimmed milk retains Whooping cough is even more serious for adults. In old people it has been fatal in itself or it has led to the development of such "terminal alimedevelopment of such alimedevelopmen tain this growth getter.

Milk is a food and not a beverage, and children who are drinking tea and coffee in lieu of milk are being de-prived of their most important food, prived of their most important food, with the possible consequences of less than normal growth, with bones that are weakened or crooked. Not only does the milk furnish the vitalizing substances that promote the function of growth but it supplies the materials

Only thoughtlessness or selfishness can make the children pay the first and the worst war tax through the taking away of milk or lessening the usual quantity of this most necessary food. The ill effects of this deprivation would not come swiftly enough to warn of the harm that is done but with a dreary slowness that is not likely to be noticed. Little by little the child's health is undermined but even when the break comes, whether it seems to be due to a contagious discase or to a severe cold, the real cause may never be thought of—that the child has not had enough food of the kind that a child needs.

and even though they may be getting quantities of other food substances those who have studied the problems of child nutrition point out that slow starvation results, or at best such poor development that the child is

formed food habits in order that the little ones may have milk that they need. It has been long recognized that food prejudices are among the most difficult to overcome, but it is urged that the grownups of the household must be self-forgetful enough to adapt fare if by so doing the children may have their milk.

In many families to-day in which both milk and meat have been abun-dantly used the problem arises as to which one must be reduced. From the point of view of the pocketbook and from that of patriotism—the greatest good to the future of the country—let milk be retained, or even increased in the family diet. Without question milk is a cheaper all round food than meat, and, although the children must have milk, adults can use milk as a supplement to a decreased meat diet.

ROYAL JEWELS.

European Monarchs Disposing of Valuables in Hard Times.

In times of stress the English workers deposit what Mr. Wemmick

workers deposit what Mr. Wemmick called their "portable property" at the pawnshop, and the French at the state establishment more euphoniously called the mont-de-piete.

Royalty cannot descend to these shifts, although some of the crowned heads of Europe, through pressure of hard times since the beginning of the war, have had to dispose of their jewels.

els.

The Czarina of Russia took time by the forelock by selling hers before the war began. Now the King of Bavaria has sold in Holland pearls to the value of half a million sterling. Doubtless these are the famous black pearls of his family, which, according to tradition, bring misfortune to their numers.