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 of sufficient general interest, it will be answered through this column. stamped and addressed envelope is enclosed with your letter, a complete enswer will be mailed to you. Address Agronomist, care of Wilson Publishing Co., Ltd., 78 Adelaide St. W., Toronto.

"Blue Lights" in Dairying value in the young breeding herd. Of course, there are really three ways, but only two are practical for breeder who has considerable money a pastime or wants to leave some monument for himself which is very that may be placed at the head of the grade breeders. herd. - It has been said by old breeder as the combined value of all his the head of the breeding establishcows. This advice is given out by so ment. Progress secured through inmany good breeders of proven ability troduction of high-class females is that the young breeder can do no- pretty likely to be slow, especially if thing better than to take the advice the herd header is not in the same at its face value and invest in a bull class with the females that are whose quality cannot be questioned. | brought in. Nothing is truer than Another way which is some slower that the herd header is the index to but just as effective, however, is for the value of the herd and this being two or three breeders to combine and true, one of superior quality must be take the very best cows or heifers secured either by outright purchase them to a bull of unquestioned super- the females to a superior bull and deiority for breeding. It is true that pending upon getting a son of this the service fees are sometimes very bull as a herd header. Either one of high, but this way of getting extra the last two schemes are practical but fine individuals is much less expen- the last one is the least expensive of sive than to try to buy males with the two and is probably best fitted for the breeding and individuality that use among small breeders of small

can be placed at the head of both supply!" We have been accustomed to speak herds and the sending of two cows will of the "blue lights" in stock breeding, in three times out of every four make sure-tank in the pit under my shop, and frame walls, and can be made of meaning thereby how to attain the it possible to secure the male. These and a gravity-tank over it, on a high highest merit in the individual's two methods of securing extra good iron tower. But the fire started in career. In dairying there are two stock to continue operations with are the shop, and burst through the roof ways of obtaining high potential both of them practical and have re- before we discovered it. In two miceived the sanction of a number of nutes the iron supports of the tower practical breeders.

the breeder of small means. The scrubs in breeding herds all over the looked like a blackened, tangled country and I have observed that the framework of a wrecked Zeppelin to start with often goes into the dairy man who keeps only registered stuff "Of course, when the tower-tank fell cattle business, not because he needs is not likely to show progress mate- it landed on the pressure-tank, smashthe money, but because he either wants rially better than the man who keeps ing the valves off that; my gasoline only good grade stuff. It is not en- engine and pump were in the shop, ing two-and-a-half-inch fire hose. ough to keep stuff that is registered, too; the fire-buckets had been carried enduring and it is true that there is it is imperative to keep the best of off to slop the hogs-and there you no more enduring monument than to registered stuff. The surplus animals are!" establish a superb herd of dairy produced from a herd kept on this animals because with such an estab- basis are always in demand while the against fire protection; precisely the it all out for you. these animals will become a matter of the basis of registry alone very often good fire system; and so he lost sev- is a "sprinkler system"; there are history and their offspring will march drug and even opiate the market, eral thousand dollars' worth of farm dozens of good sorts on the market, down through the ages as long as Many people say, "If your registered buildings, with all their contents. Iron and practically every factory, large dairy cattle are kept, which will be as stuff is all like that, quality grade is far less fire-proof than stout tim- or small, is equipped with one. long as the civilization of man is in stuff is plenty good enough for me bers; it bends like wax, when hot, and Then, there are all sorts of things the progressive phase. One of the and I would much rather have it." In should never be used for a tank-tow- you can do to keep fires from starting. person? Does it affect the heart? quickest ways to attain the blue with this way the market for pedigreed er, unless set away off by itself. The When I visit an old farmhouse I althe breeding herd is to buy a bull with animals is usually discounted for the pressure-tank should have been buried ways examine the chimneys very evidence of diseased organs and tis- often cure an attack of nerves, individuality and excellent breeding poor registered breeders by the good in the ground. The pumping-engine carefully; nine times out of ten I find sues; or that the psychic part of the never heard of its forming an ass

It is necessary sooner or later in ed building. And so on. ers who realize the value of quality in order to have one's efforts crowned In these war-time days a farm fire there's the danger of spontaneous on strike. the products they have to sell, that a with success to get into the blue by is as much a national calamity as the combustion from greasy rags; the man can put as much into a herd head- securing a fine individual to place at destruction of a munitions or a ship- danger from lightning, etc. they have, at least two, and send or indirectly by sending the cream of Lesson XII. Jesus Triumphant Over er of James, and Salome-Luke the young stock will have. Of course, finances, especially if there are two or speaks generally of the women who the idea in sending these cows away more living in close proximity to each had come with him out of Galilee (23.) Is to secure, if possible, a male that other.

"Well, you saved the barn, any-|building plant; and it's a patriotic way," I said, consolingly.

"Yes-by sheer good luck," grunted the owner of Maple Grove Farm, picking a dented fire pail from the cin-"The wind happened to be blowing the other way; that was all." "Couldn't you get a fire stream on

it? I thought you had a good water-

were red hot and crumpled up-there There are a good many registered the thing lies." He pointed to what

INTERNATIONAL LESSON

Death-Mark 16. 1-20. Golden

Text, I Cor. 15. 20.

face was cared for.

tomb near Jerusalem.

such a stone seen by the writer in a

duty for all of us to protect our farm buildings more carefully than we have been doing.

Common whitewash, with a little salt added, makes the best possible fireproof paint. Did you know that? In a large, connected mass of farm buildings, fire partitions can be run up, so that a fire can be kept from spreading. These partitions should "I thought so, too. I had a pres- of course cut right through the roofs brick, cement block, hollow tile or metal lath plastered with cement. All doors through such partitions must be tightly covered with tin on both sides.

Fire-extinguishers are good things to have handy.

If you have a water-system it should keep head enough to throw a good stream against the highest point of any building. A pressure at the ground of thirty pounds will shoot the water about forty feet in the air, us-

If you have only the ordinary garden hose, a very much-greater pressure is necessary; the concern you Now, all this isn't an argument buy your water-tank from will figure

ought to have been in a small, isolat- gaping holes right through the brickwork, just under the roof! And then senses, are out of joint and have gone

> Jerusalem may be easily entered by person standing erect. The burial niches are in lateral chambers many places.

6. He is risen; he is not here-The hypochondria. resurrection is here stated as an accomplished fact. It has been suggested that the "young man" may have been no other than Jesus himself, indistinctly seen in the dimly lighted sepulcher by the women, who as yet had no thought of the possibility of a resurrection. Beheld, the place where they laid him-There were no human witnesses to the resurrection but evi-Verse 1. When the Sabbath was past dences all around that the event had a great time about it. -This was after sunset on Saturday, taken place. The place was empty. for the Sabbath ended at sundown. The body gone. There were no evi-Mary Magdalene, and Mary the moth- dences of a violent removal. Every thing was in order.

7. Go, tell his disciples and Peter -There was no time to linger in 55). They were present at a distance transport over the amazing fact. when the body was laid in the tomb. They had a message to give to the As the burial took place late Friday, stricken disciples; in their darkness before the commencement of the Sab- and perplexity. It is Mark only who bath (sundown), and the care of the adds "and Peter." This is a special body was not completed, on account ly tender touch, that to the disciple of the Sabbath, the women returned broken by his own denial and by the as soon as the Sabbath was over to death of his loved Master the early complete the final preparation. Bought announcement of the resurrection er's head. spices-Aromatic herbs and ointments should be made. It is also significant Galilee-This was to remind them of 2. Very early, the first day of the his promise to meet them in Galileeweek-Our Sunday. The time - is the scene of his glorious ministry carefully noted by all the evangelists But they had doubtless, in the confuand is to the effect that Saturday sion of the last days, forgotten that streaks of dawn were rising on the raised up, I will go before you into Galilee." (Mark 14. 28.)

3. Who shall roll us away the stone 8. And they went out, and fled -They do not seem to know that the from the tomb-True to nature. The authorities have sealed the tomb. The whole account is artless, honest, and 2. Before loading, clean out each expression "roll away" literally is strong. Trembling and astonishment "roll up and back," since the circular had come upon them-Matthew (28. flat stone was rolled up and back into 8) tells us that this first impression prevent the exciting cause. an inclined groove and would have to of terror and mental confusion gave be wedged so that it would not roll place gradually to other feelings so down again. This is the character of that they ran to bring the disciples

It is maintained by biblical scholars 4. Looking up-While they were that the following verses (9-20) form walking along and talking, they look- no part of the original Mark Gospel ed up toward the tomb and were but that they are of a very ancient amazed to see that the stone was roll- date and trustworthy material, added ed away. Mark says nothing of the to the Gospel soon after the original earthquake or that an angel had rolled draft was composed.

away the stone, as Matthew records 9. He appeared to Mary-Mark alone mentions that the first person Entering into the tomb-Luke to whom Jesus appeared was Mary, animals are likely to pile and crowd agrees with Mark that the women en- | She first ran to tell Peter, then rearound the cakes so that only those tered the tomb and that they found turned to the tomb to receive the

should be sufficient to last to the des- rock-cut tombs in the vicinity of 10. Told them that had been with

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By Andrew F. Currier, M.D.

Dr. Currier will answer all signed letters pertaining to Health. question is of general interest it will be answered through these co. lishment it is a fact that many of surplus animals from a herd kept on opposite. My friend did not have a But the best possible fire protection if not, it will be answered personally if stamped, addressed enveloped closed. Dr. Currier will not prescribe for individual cases or make dia Address Dr. Andrew F. Currier, cere of Wilson Publishing Co., 73 A St. West, Toronto.

> M. E.-Will you please explain things worse and give you nerve trouble? How does it affect a habit, besides.

222 St. James Street

Answer-Nervousness may be an ing drug, but a five grain pi individual, the will, desires, emotions, ida-habit.

This term is dear to the heart of herb teas dear to our grandmothe those who are nervous, and few of them would be willing to give it up for | to these harmless remedies, gathe any other.

With doctors the condition is known did, and substitute them for the w under such terms as nervous excite- array of patent medicines. ment, neurasthenia, hysteria and

It is perhaps best expressed by the the American sickness, is not a term "nervous excitement."

Nervousness from real disease, or a collection of very uncomfort from an impending event of serious-|symptoms, though it often leads ness and great importance, is easily real diseases or may accompany th understood, and it would be a rare It was first brought to notice by person who did not suffer from ner- George M. Beard in 1860. vous excitement under such conditions, even if he did not cry out and make life, particularly in men, is essentil

Again, a child with scarlet fever, be due to a deficiency of oxygen in t with parched mouth and heated body, blood. A neurasthenic is always tird with unbalanced mind and uncontroll- always afraid something terrible able restlessness, may have his ner- go to happen. Everything fatigul vousness or nervous excitement as a him or makes him dizzy or gives hi direct product of disease.

Or a child of high-strung parents centrate his mind upon anything apa and excitable temperament is denied a from his own misery. Frequently, toy, or compelled to go to bed when looks well except for a sanstant he prefers to sit up, whereupon he anxious expression, and he may ha cries and stamps his feet or breaks fits of uncontrollable trembling. dishes or throws things at his moth- is forgetful and irritable, trouble

nervousness, but has no direct rela- flashes of heat, his extremities tion to disease.

Or a woman cries or laughs im- uncomfortably, his arteries throb, moderately perhaps over trifles, or is vision is bad, his ears ring and h unable to keep quiet or has a fore- annoyed subjectively by unplead boding of evil, scolds, or finds fault tastes and smells. His digestive continually, and we are compelled to paratus is constantly upset and ly say this woman is laboring under always on the lookout for some strong nervous excitement or simply ache or ail. that she is hysterical.

disease, we must cure the causative weak nervous system. Among disease to get rid of the nervousness, are worry, grief, intense hurry t and we cannot prevent it except as we rich, excesses of all kinds, atm

and show that mind and body require nervous, highly organized peop certain remedies, whether they are especially sensitive to it. It me suitable hygiene or food or medicines. When nervousness is unassociated

with disease, the great thing is to train the will; to determine persistently not to give way until victory or death results.

Such a task is all the harder if the will was not brought under some measure of control in early life.

Nervousness may come to anybody, but it is far more common in women and children than in men.

work hard, day by day, than in those who have been brought up in luxury baths, and sunlight are all and idleness and who spend their time | Cheerful company, wholesal in frivolity or in tasks which are of no consequence.

comes a reflection on their bad in- neurasthenic; he is really wh heritance or their bad bringing up. not so sick as he thinks he il s The patent medicine makers deluge doctor or nurse who can wi

the market with all sorts of nostrums fidence and guide him , ir for nervousness.

him as they mourned and wept-This discloses the condition of the disconsolate group of disciples in their extreme distress.

11. When they heard : . . disbelieved-It seemed utterly impossible. Nothing was further removed from their thoughts. It was only after the most convincing and irrefragible proof that they subsequently preached that he was risen from the

Do You Guess Or Know?

One man says that one reason many farmers are not more prosperous is because they have the habit of guessing about matters of which they should have positive knowledge. He other lines. One mo says many a farmer "guesses everything—at the tonnage of his hay know that he is doing if crop, never accurately known unless hay is sold; at the cost of fencing, stone picking, plowing, cultivating, manure spreading, and the amount of fertilizer used on given fields; at the amount of and cost of feed per cow, and at the weight of milk returned; at

Useful, also, are infusions of ch mile, pennyroyal, catnip, and It would be well if we went

Asafoetida is not a pleasant

and drying herbs as our forel Neurasthenia, called by foreigh

Hamil

Monti

ease at all, strictly speaking, but It belongs to the intense period

ly nerve exhaustion and is thought a headache, and he is unable to con

with incomnia, or if he sleeps has the This, also, is nervous excitement or dreams. His skin tingles, he cold, his heart is weak and palpits

Many causes may contribute to When nervousness proceeds from condition which is based upor eric extremes, and unhealthful od It may be an indication of insanity tions. Indoor work favors if indefinitely but it never kills as it leads up to some fatal d A change in surroundings may that is necessary to throw it off often the will power is insuff fight it successfully.

The only medicines which a able in treating it are cathartic gulate the bowels, and simple One who has it should breathe stay out of doors as much as exercise moderately, sleep as; It is less common in women who possible by day as well as and eat only simple food. ment, and change and occup useful measures of treatmeher Children have it so often that it be should neither ridicule nor to and kindly will serve as th Gve them as wide a berta as post sible tonic for restoring his sible; they are very apt to make nerves.

> the acreage devoted to ce and at the expense of tination such crops represent; at vith equipment, repairs, and a par and actual value of stock me annual periods. To such mind an accurate invention perty is only useful ashe for an auction sale, and ible credit the crops he raiscally poses of comparison a considers a waste of time ishness."

Farming is a business way to make an assure is to conduct it on the principles known to beat at his work "conspicuou



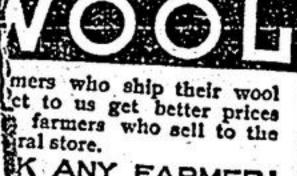
The horse's stomach is small, therefore if it is to eat but three times daily, and has a large amount of labor to perform, his food should be concentrated. The amount of roughage the horse is able to take depends largely upon custom. However, better results will be secured and the animal will keep healthier and last longer if perliberally of grain.

But what grain shall we feed? This is an important question, and the answer will depend upon circumstances. ter over their backs. If we have oats we may as well feed them, if we are fortunate enough to possess corn and have no oats we need not buy them to mix with the corn in order to make a suitable ration. The old notion that a horse must have oats in order to do his best work must go, because there are a number of careful experiments which prove that if the horse is fed either ear corn or oats in niequal quantities there will be practicold lly no difference in results.

The ration adapted to the needs of e horse differs from that required the cow. The cow must make ilk from her ration and to do this Equires a large amount of protein. il rotein builds the body, and carbohyd 6cites furnish heat and energy. ste of the body of the horse must be

- paired and some protein is needed, the great demand is for food that furnish energy. This is where n excels. Barley will practically the place of corn. Wheat bran in be given in small quantities with 10. er of these grains, with good re-

wer seeds, particularly annuals, neap and a beautiful flower garmay be had at a trifling cost by asing a few packets of seeds of ils and sowing them now in well red beds in the open ground.



ANY FARMER! has sold his wool both and note what he saystter still, write us for our they will show you how you lose by selling to the

the highest prices of any firm antryandare the largest wool in Canada. Payment is re-see same day wool is received. To pleased if you do, and are it a square deal from us. 2

ANDREWS

RCH ST., TORONTO

Every hog that is killed in transit, due to overcrowding or mishandling, means a loss, at present prices, of for the embalment. This was un- that this injunction to tell Peter is reprobably more than \$30 to the shipper like the Egyptian embalment, for no corded by Mark the interpreter of as well as a waste of meat needed by incisions were made and only the sur- Peter. He goeth before you into the nation. Mortality in transit or after arrival at the central market can be lessened greatly in hot weather by the practice of the following simple mitted to eat lightly of roughage and precautions on the part of shippers night was just dying out and the first perplexing statement, "After I am and dealers:

1. When hogs are very hot, during or after a drive, never pour cold wa-

car, and bed it with sand which, during dry, hot weather, should be wetted down thoroughly. Hogs in transit during the night only are not so likely to be lost from overheating as are the animals shipped in the daytime. With day shipments in hot weather it is highly advisable to suspend burlap sacks of ice from the ceiling in various parts of the car in order to reduce the temperature, and incidentally, to sprinkle the animals with cool water. The ice sometimes is placed in sacks on the floor, but the close to the ice are benefiter. The ice not the body of Jesus. Some of the manifestation here recorded.

3. Do not overload. Crowding hogs in a car during warm weather is a

4. The feeding of corn, because of its heating effect, before and during shipment in hot weather should be reduced to a minimum. Oats are preferable where a grain feed is necessary. The maximum maintenance requirement of hogs in transit for twenty-four hours is one pound of grain a hundredweight, or approxim-

Plowing with a Tractor...

After I had been plowing with a tractor for a while, I noticed that I was not finishing up the corners of

Of course I plewed the main part of my field by lands, but I was leaving a good-sized headland, and when the strip on each side of the field was the same width as the headlands, I plowed around the field, throwing the

At first I would plow up to the corner while making these rounds, raise my plow as soon as I had them even with the last furrow, turn around, and drop them on a line with the furrow last plowed, and so on around the field, just as I had been used to doing

By plowing a short distance past the last furrow on the corner I found that I was able to make corners with no triangles of unplowed land as had previously been the trouble .- H.H.C.

tination.

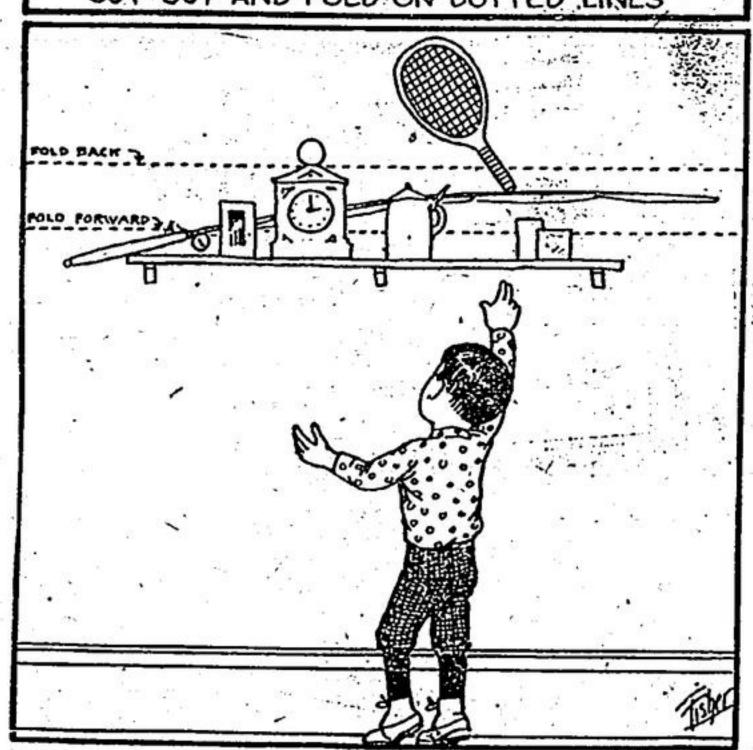
prolific source of mortality. ately three bushels of corn to a car.

my fields in very good shape.

dirt in toward the plowed field.

with a team and sulky plow.

FUNNY FOLD-UPS CUT OUT AND FOLD ON DOTTED LINES



Willie went to father's den, Took the racket down and then-Little rascal's got his nerve. Hear him shout "All ready-Serve."