

Feed Your Hens Now

A recent trip with one of our county representatives work revealed the fact that most of the farm hens are not being fed In fact the thinness of the hens indicated that they were not getting enough to eat to maintain normal bodily conditions.

hens are not purposely brought to this condition. Most farmers undoubtedly think that during the growing season the hens will scout around and pick up enough to maintain themselves in good condition. The hen is not like other farm animals, in that it does not show its conditions upon casual observation. Her feathers cover her body so that it is impossible to tell its condition without examination. Therefore a farmer's hens often get in poor shape before he is aware of it. The only thing that may be noted is that egg production has dropped off.

Under natural conditions the hen lays her quota of eggs in spring, gets broody, hatches out a brood of chick ens and spends the summer in taking care of them. She becomes thin and in poor condition, ranging around endeavoring to get enough for herself and her flock. In the fall when the grains ripen she gets enough to put herself in fairly good condition to help her through the winter.

The hens that are now getting thin are either at the end of their laying for the summer or have stopped laying some time ago. Before they star again they will go through a moult, probably early in the season. And it is a known fact that early moulters of the year. are not winter layers. For instance, 2. Production of lambs of early ma are not winter layers. For instance. a hen that moults early in August will very likely be a drone until next spring, whereas the one that has been busy laying all summer and delays her moult until late fall will soon recover pastures and flock management. from the moult and start producing eggs again.

The advisable thing to do is to have enforcing dog laws and keeping sheep the flock culled so as to eliminate all in protected quarters at night. hens that are naturally poor layers 5. Use of pasture to the greatest hens that are naturally poor layers and would not pay a good profit even if well fed, and then gradually feed up the remainder of the flock. A good method is to allow the hens free range as before and then have available to them in a feed hopper the following mash: Equal parts by weight of corn meal, bran, middlings, ground oats. If sour milk is available give them plenty of it. If it is not, add to the mash three-quarters of a pound of commercial meat scraps to every four pounds of the mash. Sour milk is very valuable as a poultry feed and can be put to as good use for feeding poultry as any other way on the farm. It will replace meat scraps, which is the most expensive ingredient of the poultry ration, and also one of the most valuable. Besides the mash, the hens should be fed in addition, scratch feed composed of equal parts of cracked corn and wheat. This scratch feed is especially desirable if the hens do not

have a good range. If the range is good it may be dispensed with in some cases and the mash entirely relied upon to make up the deficiency in the amount of feed the hens get.

It is advisable to make all changes in feeding gradually, as any sudden changes may bring the hen into a moult. The short summer feeding

Periods

for FALL WHEAT

At Heading and Filling Time

Force early wheat growth by fertilizing at seeding

time, and escape drought and heat injury.

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Soil and Crop Improvement Bureau of the Canadian Fertilizers Association Deem 14, Manning Arcade Tiento Ont.

At Seeding Time.

In Winter

C

in shape one of our county for the profit-making months. If this poultry culling is impossible it would be wise to dispose of the flock entirely as it will likely be unproductive until spring and enough for efficient egg production. therefore be the cause of future loss instead of profit. The good care and feeding of chicks

The good care and feeding of chicks particularly true of the larger fairs, is also urged as the care the chicks but the more local exhibitions have get in early life is often the determin-

ing factor as to the profitableness of the bird in later life. A stunted chick will never make a profitable hen. It would be far more profitable to sell the chicks when they get to the broiler stage, than to expect them to produce a profit by egg production later on after they have gone through a semi-starvation period.

A good mash is also a valuable adjunct to free range for chicks. The following is a good mash: Two parts each of corn meal, middlings, bran, one part each of oat meal and beef This much do not not not not the second the second one-fourth part charcoal. This much should be placed in a hop-per available to the chicks at all times. Sour milk is also one of the most valuable the second be given. If it is a valuable it growing chip if it is available it should be ic before them at all times. When our milk is used the amount of beef scraps may be reduced one-half.

A liberal feeding of either hens or chicks at this time of the year is "A stitch in time" which assures poultry profits later on.

Essentials in Sheep Raising.

1. Willingness to pay proper attention to the flock at the critical times

turity that should preferably be marketed before the middle of July. 3. Control of parasites in the flock by the tale of early lambs, rotation of

4. Protection of sheep from dogs, by community interest in sheep, by

degree. 6. Feeding of corn silage with clov-

quired through a well selected college er or alfalfa hay, supplemented with course than by any other known grain, to the breeding ewes at definmethod. The world's stock of knowl ite periods. edge has now become so great, and

7. Selection of breeding sheep that the need along any particular line so possess merit in wool, as well as in specific and exacting, that self-made mutton character. Constitutional vigor men have become almost an imposand health as a result of breeding and sibility. This means that the time care are essentials in a foundation has come when the new generation flock

8. A pure-bred ram of a desirable imitating the neighbors, but by pos type and quality should sire the lambs. sessing itself as far as possible of the 9. Cheap equipment, which offers protection, plenty of ventilation and a world's stock of information and experience dry bed.

10. Marketing of products of wool that may be depended upon in seeking and mutton with an understanding of information about a new subject re-10. Marketing of products of wool market values and demand. Community organizations are beneficial in this regard

11. Grow into the business, not go into it. A few bred ewes in the fall is a good buy. 12. Realization of the fitness of a

principles that are indicated by the flock on the farm, their value as weed facts destroyers, utilizers of rough feeds, 4. To train the intellectual faculties and conservers of soil fertility. to obedience and precision, as the



vice and the most accurate judgment. The cow is not to be blamed for

Educational Value of Exhibitions.

have brought before them in a com The exhibition cerson is upon us, in prehensive way a whole college course Nor is it alone by the exhibits that act has already made an auspicious beginning in the western provinces. Advantages in instruction are offered, but hundreds of thousands of bulletins, peen in progress for some time and pamphlets, leaflets and other forms of been in progress for some time and pamphets, leanets and other forms a arrangements are about complete for a "greater than ever" display. Prob-ably in no modern feature of life has

ing one of the few great decisions in

The real reasons for going to col-

lege may be briefly stated as follows: 1. To gain information which can

be more systematically and widely ac

should learn to live not simply by

pearances, in weighing evidence and

in forming safe judgments as to the

athlete or the skilled artisan trains

his muscles to the most delicate ser-

educated man.

life.

ticularly in attention that is given to sensible yet attractive features for the young. A marked feature is the in-creased interest in exhibition work in governmental quarters. Annually the displays, especially of the farm, im-prove and extend until now not only a fair knowledge of the work that is being done, of the advance that is being made in cultivation of the soil, in the betterment of live stock, in the improvement of poultry, in the total the solution of the total the in-solution of the the solution of the total the three baits is almost sure to the public have an opportunity to solution the betterment of live stock, in the improvement of poultry, in the total the total the total the solution of the total the three baits is almost sure total the three baits is almost sure to temp thin.

This question every year presents itself to thousands of young people, and the way in which it is answered colors the lives of millions, if not indeed of the nation as a whole. The reasons for going to college, therefore, should stand clearly out before those who at this time of the year are mak

Now, by any count, the fact of hav-ing a college at all creates a debt which these young people owe and which these young people owe and which these young people owe and which these maximises at the gospel, and the kingdom, and the province of future glory and of the labor of those who have gone before. The forests are cleared, the stumps taken out, the stones picked off and the ditching is largely dome. The railroads are laid and many an-other hard pioneer job has been com-pleted by those horny-handed soms of toil who preceded us and who worked to make a world ready for living. The world is not finished yet and he who would take all the advantages

guaranteeing of wholesome focd to the people, but the studious-minded

owe his education to citizens of all 5. To acquire that knowledge of the hundred males away, for the tre- money really needed to get it. sources of information, that familiar-ity with intellectual processes, that

The Sunday School Lesson JULY 31.

Saul Teaching at Antioch, Acts 11: 19-30; 12: 25. Golden Text-Acts 11: 26.

Support of the interference of the unaries of th

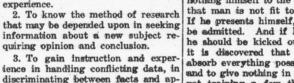
it were not so, there would be in the provincient of the set of th

Loro Jesus Onrise is not much allow an its appeal to humanity by predictions. Agabus, however, did predict a fam-ine which came to pass in the days of Claudius Caesar. This statement day were obliged to found and built section of povery. their own colleges, gather the facul-ties together and pay them and then buy and install the necessary equip-ment in the way of books and labora-tory apparatus. If they had to do all that, they would be too old for colleges before they had the institutions half ready for courses. Now, by any count, the fact of hav-ing a college at all creates a debt which these young people owe and which they must pay by service of some kind. Not only that, but they enjoy many other privileges because of the labor of those who have gone Claudius Caesar. This statement helps us to date the events of Paul's helps us to date the events of Paul's hife, for Claudius reigned from 41 to 54 A.D. We know that there was famine in certain parts of the empire during his reign. In Judea, Josephus belle us, there was famine in the year

46 A.D.

money really needed to get it. In general, the four years from

Alorse Sense



moult. The short summer feeding through ranging has come about grad-ually with the drying up of the range due to the hot weather. In many cases ropy after standing, and the water independence of sound judgment that the farmers have also recently cut out used for washing the utensils or cool-distinguish the educated from the unfeeding grain to their hens because of ing the milk may be the source of the shortage of supply. If this change infection; or the germs may come would have been sudden it might have from the dust of the stable or places to train the body as well as the mind produced a moult at this time of the year. In getting the hens back to condition start the feeding gradually, the udder in a separate sterilized conotherwise it will produce a very much tainer, to determine if one quarter is undesired moult at this time. affected, or if all yield normal milk.

It is granted that many farmers are If all quarters prove to be sound, set short of grain and are not in a posi-tion to buy food. However, on the arate sterilized vessels and into each other hand, there has never been a in turn put a little water from differtime in recent years since poultry feed ent sources, dust from stable, milkhas been so cheap. It is therefore a house, setting place, etc. In this way matter of good judgment to make the the exact source of the infection can added expenditures to buy extra feed be determined and removed. Mean-

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while, carefully cleanse, scald and sun-dry the milk utensils. Cleanse Critical udder and tests before milking and keep the stables clean.

> A good distance for planting the late large-growing varieties of cab-bage and cauliflower is two and a half by three and a half feet.

Delay seeding to escape the Hessian Fly. Use fertilizers to catch up wheat growth. In thinning the woodlot, where pos sible, spare the maples; they will do Produce good top to protect wheat, and good rooting to overcome spring heaving. well in this country and will give you lumber, firewood, sugar and syrup. Fertilizers produce top and

Impure milk is notoriously one of the most fertile sources of disease, for him to get ahead, to make his young man in such a way that he can especially among infants and children; mark, to reach distinction, to assume not honorably avoid it, and in no case and it is well understood that most of leadership, to get to the top, or whatand it is well understood that most of the impurities come from improper handling. "Certified" milk—that is milk that is drawn from healthy cows kept in sanitary stables, and that is cooled, bottled and transported under sible organization such as a medical society—is greatly in demand in the solicity—is greatly in the solicity and the solici

sible organization such as a medical solicity—is greatly in demand in the service. The education which his man nost sacrifices of health are wholly is to get in college is mostly given to at that price. The most urgent need is for the farmer to un orden what the college was the college was been, and by men and sacrifice, it is abunding, which is a part to the city dweller wants and to entry whith is to get most books, the individual can secure the college to most urgent need is to the sure, and he buys his books, the individual can secure the college to most urgent need is to the sure, and he buys his books, the individual can secure the college to the individual can secure the colleg

reap the direct advantages, and the distinguish the educated from the unobligation resting upon them is heavy indeed to return to the public in one 6. To learn the laws of health and way or another in the form of service a very large share of the advantages

which they have acquired through education. machine with which to do one's work There are certain considerations and to enjoy the one life that has been | that should not enter into a young given. man's head as reasons for attending

7. To form acquaintances with men college. Some of the chief though of parts and influence all over the erroneous reasons' sometimes given world, and so to multiply one's opporfor going to college are the following: tunities and advantages. 1. Because one's chum is going to college.

8. To prepare for serving the world 2. To get rid of work and stave off the day of assuming the natural resto the very best of one's powers, and so to pay the debt that every generation owes to those who have gone ponsibilities of life. before.

 To have a good time.
Because it is "the thing to do" to The list might be indefinitely pro longed, but these are the chief congo to college, and to "make a fratsiderations that should stand clearly ernity."

out in the mind of a young man, and it makes no difference whether he the advantages which he may realize

An analysis of these eight considerations will show that all but the last are what might be called "personal advantage"; that is to say, they

5. To get an advantage over society it makes no difference whether he in general so that one can acquire comes from the farm or the city in more that his share of the world's goods and happiness, but without refrom the proper preparation for life. paying in full for everything enjoyed.

not going to college. First among these are duties to dependents and a decent regard for one's health. There individual and tend to make it easier bility of the family is thrown upon the

It is annovin g to have one hors wasted by most young men, and al-most any right-minded individual can A remedy for this is to take an extra be farther along in every way at the rein, or a small strap will answer the age of thirty if he takes four of his age of thirty if he takes four of his years for study, than he would be if fast horse, then pass through inside bit he plunged at once into the modern ring under chin, then through the inworld without the best preparation a side hame-ring. Take the end back college course can give. He may even and the it to inside end of whiffletree well afford to earn his own money, of slow horse. When the fast horse but if he is to do this he should ex-

but if he is to do this he should ex-pulls ahead his bit will be drawn by pect to take more than four years for the receding whiffletree of the slow the work, else he is certain to sacrihorse, thus restraining him. Another good method I have tried

fice either his preparation or his health. is to shorten, about six inches or more

Something has been said about payboth reins or lines to be buckled of the fast horse's bit ring, both on the outside and the inside. This will help ing one's way in the world, and some thing has been implied about char-

acter. We are beginning to talk somewhat frankly these days about wonderfully in equalizing the pull. soul of man, for we are recogniz-Fly screens for the stable windows

ing that there is a vast difference between what is inside the different bundles of live clay we call men.

It is the whole man that needs educating-body, mind and soul, and this is what the college is founded to accomplish. Therefore, let each man examine himself to see whether he has the stuff that real men are made of, and if he has he need have no

doubt that a college course will "pay." If, on the other hand, he does not possess the disposition and the desire to work and at the same time study quarities of moral character, he may equally certain a college education

will not pay either him or the public

will prove a good investment. Don't try spraying potatoes with ime sulphur; it is worse than useless, Horses will get little rest if shut

up in a close stable these nights; it may be as hot outside, but the air is fresher.

Ice on the farm is not a luxury these days; it is a plain necessity. hot days cool next year.

The soil should be moist and well prepared for planting, otherwise transplanting from the seed-bed into the garden or field may not be suc cessful unless plants are carefully

watered in.

There are many good reasons for

bility of the family is thrown upon the