AGRICULTURAL

FEEDING MILK TO POULTRY.

The great benefits to be derived from the feeding of milk to fowls seems to be almost entirely ignored by the majority of poultry keepers. Where corn is the principal ration, as is the case on the majority of farms, a liberal supply of milk to balance up this ration will be found most profitable in the return of eggs. If hens are fed all the milk they can be induced to drink, along with a corn ration, great gains can be expected in the egg production.

Last year we fed our fowls largely on corn, especially our laying hens, and for a balance ration we supplied all the milk we could possibly spare, and the result was an advance of eggs over any previous winter in our experience. On farms where there is a good supply of milk there should be no reason for not receiving a good supply of eggs. There can be no better ration for a flock of laying hens than plenty of corn to produce fat and milk to balance the corn ration and furnish the necessary elements for egg production. Where milk is supplied liberally to fowls, animal food in the form of cut green bone can be reduced, as milk supplies largely all the elements found in bone. Milk and corn make a much better combination than milk, wheat and oats. Feed the layers corn and milk alternately with green food in the shape of cabbage or prepared clover, and we have an almost ideal food for egg production. Poultry are particularly fond of milk, and it can be given in almost unlimited quantities without any serious results following. It very often happens that feeding meat too freely produces diarrhoea, which checks the supply of eggs, but in feeding milk we did not experience such unfavorable results. In the country, where it is not convenient for the farmer to get bone fresh from the butcher, he can supply milk instead, which is almost or quite as good as bone. We know of a lady breeder who feeds corn andmilk the year round to both young and old, with very satisfactory results, using the sour milk (after boiling it) in mash with decided benefit, especially with the young growing stock. Next year we shall use boiled sour milk, wheat bran and corn meal sprinkled with pulverized charcoal for our young chicks, believing we will have a food that will be wholesome, palatable and inexpensive comparatively to some of the so-called "prepared chick foods" now on the market. At the same time we shall provide skimmed milk as we have previously done for the fowls to drink, believing we can realize more from the product in feeding in this way than any other way we could feed it.

SUPER FOUNDATION.

The question of the kind of foundation to be used in supers to be the most economical and useful is frequently asked. The experiments of an acquaintance and my own observations convince me that the less of this there is used at certain times of the season the better. Prior to the main flow, when there is only a small income, full sheets of foundation will be worked out as thin as natural comb, in fact the difference is so slight that it can hardly be detected.

When, however, there is a glut of honey, and also late in the season when the temperature is falling, the combs will show an objectionable herring bone in the centre. In the former case it would appear that the bees being gorged with honey, and secreting wax abundantly, neither have the time nor the desire to utilize the wax given to them, their greatest endeavor being to draw out the comb and gather and store all the honey possible. In the latter case the reduction in temperature hardens the wax, and it is consequently less plastic and more difficult to work.

Combs worked out by bees prior to the main flow will be found nearest to natural comb, because with a small income they produce little wax, and have to make the best of the foundation which is given them, the thickened cell walls being drawn out thoroughly and no thickenings.

In judging comb honey in either sections or frames the judges as a rule, make a point of finding whether this herring bone is present or not. By holding the combs to a strong light it will show whether it is wrong, when this is found to be the case a skewer or knife will confirm the suspicion, and its merits are discounted accordingly. In addition to avoiding the objectionable midrib when for exhibition, there is an economy in using only strips of 1 in. to 1½ in. of foundation in shallow frames for extracting purposes, and these may be obtained early in the season by inducing the bees to build out the foundation and removing the frames as completed. This is best done when few bees are at home in the middle of the day, and freshly fitted strips in more bars given to them in readiness for another day's work.

Sections should be filled with nothing less than full sheets of foundation of the thinnest, as unless this is done the bees will build irregular cells, or what are called transition cells, passing from these to all drone based cells for the remainder of the section, and the different sizes of cells and irregularities do not enhance their appearance.

THE DUST SPRAY.

Experiments at the Illinois station testing the relative merits of the dry and wet sprays in apple orchards have extended over three seasons, and some of the conclusions are as follows:

With regard to the effects upon foliage the results were identical in all orchards and in all seasons. Trees sprayed with liquid bordeaux and paris green retained their foliage in healthy working condition throughout the season. Dust sprayed and check trees may be placed together, because the behavior of foliage was the same in both. Leaves began falling in July, and in early September these trees were practically denuded. This loss of foliage by dust sprayed and check trees was due to apple scab, against which disease the dust spray was entirely ineffective. The effects of this loss of foliage are very serious. The assimilatory processes of tree are active in proportion to the working leaf surface. As leaves fall these processes diminish until brought to a stop by the entire loss of foliage, long before the work of the season should normally end. The fruit is starved, does not approach normal size and buds for the next year cannot be properly developed.

It also frequently happens that under the stimulus of rains and high temperatures in October leaf buds of the defoliated trees that normally should remain dormant until spring unfold and expand clusters of new leaves. This renewed and abnormal activity of the trees affects fruit buds also. A considerable portion of them have been observed to swell and some expand the flowers. All this is greatly to the detriment of the trees and fatal to the crop for the next year.

Differences in fruit were as marked as were differences in foliage. Liquid sprayed trees gave smooth fruit of good size. Dust sprayed and check trees gave small ill formed fruit, badly marked by scab and of very little value even as evaporator stock.

Dust spray is 52 percent cheaper than liquid spray, and it is easier to transport about the orchard. It has no other advantages.

A GUARANTEED CURE FOR PILES Itching, Blind, Bleeding, Protruding Piles. Druggists are authorized to refund money if PAZO OINTMENT fails to cure in 6 to 14 days. 50c.

ENGLISH FARM HANDS,

The immigration a uthorities state that the farm hands who came from Great Britain to help harvest the crops have proved greatly superior to the general run of hands from eastern Canada. Most of the Englishmen are experienced farm laborers, or men accustomed to work "good and hard," and as a result of the experiment the immigration officials state that the prejudice which existed against young men from England is rapidly disappearing. In fact, many farmers in applying for help have specified English laborers, and will take no others if they can get them.

A Boston schoolboy was tall weak and sickly.

His arms were soft and flabby. He didn't have a strong muscle in his entire body.

The physician who had attended the family for thirty years prescribed *Scott's Emulsion.*

NOW:

To feel that boy's arm you would think he was apprenticed to a blacksmith.

ALL DRUGGISTS: 50c. AND $1.00.

ENSILAGE FOR FOWLS.

A novel and interesting method of supplying green food for poultry in winter has been put in practice by a New Jersey minister who keeps poultry as a sort of side issue. He has a large lawn, and in the course of the season quite a large quantity of clippings accumulate. These as made are packed away in a small silo he has built especially for the purpose. The essentials are that the silo be absolutely airtight and rather higher than broad. These ensilage clippings, being in small bits and very succulent, are quite a delicacy for the fowls in winter, when they cannot get out for their customary rambles.

The clergyman reports excellent results in the way of the health of the birds and in egg production. The hen is one-half a grazing animal, anyway. This is attested to by the way the grain and grass fields are cropped off in places adjacent to the poultry quarters. This is bad for the grain, but the poultry farmer, who knows the value of green stuff for healthy fowls, will overlook a little depreciation of this kind.

Give growing chickens free range and a hopper full of cracked corn and wheat and they will grow in a way that is a delight to see, and make better stock at maturity than can be got in any other way.—Exchange.

In gathering cream regions especial pains should be taken to collect the cream often enough to prevent undue acidity. While it is on the farm it must be kept at a low temperature, both winter and summer. One lot of poor cream will spoil an entire day's make at a creamery. Especial pains must also be taken to keep the utensils in the very best of condition.

Much profit with every kind of live stock depends on gentleness, careful attention, clean quarters and general comfort,

HOW'S THIS?

We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Toledo, O.

We the undersigned, have known F. J. Cheney for the last fifteen years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by his firm.

Walding, Kinnan & Marvin, Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75 cents per bottle. Sold by all druggists.

Take Hall's Family Pills for constipation.

THE JOKERS' CORNER.

Chuggerton—How's your new chauffeur?

Carr—Had to fire him; he used to be a motorman.

Chuggerton—Too reckless, eh?

Carr—Reckless, nothing! Why, I couldn't break him of the habit of slowing up at crossings!

(Bobbie had been studying his dear old grandfather's wrinkled face for a long time) —Well, Bob, how do you like my face?

"Yes, grandpa; it's an awfully nice face. But why don't you have it ironed?"

Subway Guard—A little lively, lady!

Elderly Female—I am not!

Shopwalker—What are we to do with Heavyhead? He is always falling asleep.

Proprietor—Oh, send him to the nightshirt department, and tell the customers that our nightshirts are so excellent that the very look of them sends the salesmen to sleep.

Ascum—Is your boss going to give you the raise you asked for?

Clark—Well—er—I'm afraid to say. I told him I thought my pay should be commensurate with the amount of work I did and he promptly agreed with me.

Gee! Don't you cry, sis, 'cause yer doll's busted. Now we kin play earthquake an' have more fun 'an ever."

Mrs. Newed—And do you really and truly love me, George!

Newed—Of course I do, my dear.

Mrs. Newed—But some people are saying that you married me just because my uncle left me a fortune.

Newed—Now don't let that worry you dear, for their isn't a word of truth in it. I'd have married you just the same even if some other relative had left you the money.

A party of workmen were sitting at dinner in the Transvaal, and their conversation turned to the cleanliness of each other's shirt collars. "By jingo, Jimmy," said Joe, "yours looks dirty!" "Ah, well," exclaimed Jimmy, "I take a bath once a year, whether I need itor not!"

An Irishman had a pair of trousers made by a local tailor, who, according to fashion, made them rather tight. Pat didn't care for them so tight, and returned with them a day or two later. Says he: "Ye hiv made thim trousers far too tight; be jabers, they're tighter than me skin."

"Oh, come now," says the tailor, "that can't be, surely; how can they be tighter than your skin?"

"Well," says Pat, "I can sit down in my skin, but I can't sit down in my trousers."

A Daring Distribution

The undersigned Druggist at the earnest solicitation of the Ferrol Co., Limited, of Toronto, has made a thorough and searching investigation into the merits of **FERROL**, and of the methods of that Company, and he finds that: Every cure claimed by the Company is absolutely genuine; that **FERROL** is manufactured from the best quality of Munn's Celebrated Cod Liver Oil (the whole of the oil) and is richer in oil than any other emulsion, and while it contains just the right quantity of the best form of Iron and Phosphorous, it is so scientifically prepared, that not one in a thousand finds any trouble in taking it; that the medicine has accomplished the most amazing results in its own city; that its sales in the Home City have been phenomenal; that it is endorsed by all druggists without hesitation or qualification; that it is, in short, all the Company claims for **FERROL**, and more.

The more I investigated the more enthusiastic I became. It is no longer a question of my willingness to handle the preparation—**FERROL**—but how can I bring it to the immediate suffering of this city?

It is a heavy responsibility, but I have faith in the honesty and fairness of the Ferrol Company, Limited, of Toronto, and the unequalled merits of their preparation, **FERROL**.

(Signed) **S. N. Weare**

I find also that the druggists in other cities have taken upon themselves the solemn responsibility of standing behind this medicine; and that these druggists have made in each city a daring and remarkable distribution of full-sized bottles.

Impressed by the action of our fellow-druggists, and convinced that they would not have given this remedy such unqualified approval without positive knowledge of its merits, I have decided to follow their example and distribute free of charge

100 Large Bottles of FERROL Free to the Sick.

Saturday, Nov. 17th

S. N. WEARE'S, (Medical Hall)

BRIDGETOWN, N. S.

Maintaining a first-class Drug Store, the above named Druggist occupies a commanding position in the retail drug trade of this city, and almost every remedy that is offered to the public seeks an outlet through his store. But with an eye single to the interests of his many patrons he is careful to handle the most reliable preparations. Consequently when a medicine is recommended and endorsed by this Druggist, that medicine must have merit.

The above Druggist, after a rigid investigation, described elsewhere in this announcement, has decided to make, upon his own responsibility, the most remarkable distribution of medicine ever attempted in this city. Convinced by personal experience of the extraordinary merits of

FERROL

He has purchased from the Ferrol Co., Limited, of Toronto, a large number of bottles of this remedy, for free distribution, and he hereby invites every person suffering from any form of blood trouble; any person who is run down, discouraged and in need of a powerful tonic; any person suffering from Coughs, Colds, Bronchitis, Croup and all Bronchial or Lung Trouble, Chronic Rheumatism, Neuralgia, Insomnia, Loss of Weight and all wasting diseases; any person who has sought relief in any other remedy or Cod Liver Oil preparation, and failed to find it, cut out the certificate printed herewith, fill out the blank lines, present it at the store on the dates given, and get a bottle of this wonderful preparation, FERROL, Free.

It was necessary for me to purchase a large quantity in order to have the privilege of making this free distribution, and the responsibility assumed by me in this matter, I am positive will be appreciated by the public, and the immense sales that are sure to follow will more than compensate me for the expenditure involved.

There is absolutely no sentiment in this endorsement of FERROL. It is merely a business recognition of a preparation that possesses positive merit, and a keen desire on the part of a progressive concern to always supply the best goods at the lowest possible price.

THIS CERTIFICATE,

Properly filled out and signed, entitles the holder to one large sized bottle of **FERROL** (Cod Liver Oil, Iron and Phosphorus), if presented **Saturday, November 17th, at S. N. Weare's** Medical Hall BRIDGETOWN from 9 a.m., until samples are exhausted.

Name of Patient, ...

Address, ...

Disease, ...

The bearer of this certificate hereby agrees to give this medicine a thorough and faithful trial and to report to the druggist named above, within three weeks, the improved condition of his health that is almost absolutely certain to follow.

This Coupon must be presented by adults.

No other distribution will be made, and it will be necessary for you to come early in order to be sure of securing a large size bottle of FERROL ABSOLUTELY FREE

REMEMBER, only ONE bottle will be given to each family, Tell your friends of this Wonderful Offer for fear they will not see this advertisement.

FERROL WHAT IT IS AND WHY YOU SHOULD TAKE IT

THE FERROL CO., LIMITED
CITY

May 24th, 1905

GENTLEMEN,

The bottle of **FERROL** I secured from you, I have found to do great good. My son used it for a bad cold, and it cured him. I know it to be an excellent remedy for a bad cold and for building a person up after sickness. I might say that it was a prominent doctor friend of mine in the city, who used it for his son, and spoke to me of it. I have since recommended it to a great many of my friends to try.

Yours truly,
J. B. TINNING
T. P. AG'T.

WHAT FERROL DOES.—A careful perusal of the foregoing will readily suggest to the reader what **FERROL** does.

It builds up the run down constitution as no other preparation can.

It cures **Anæmia**, no matter how chronic, by supplying the blood with just what it requires in the only form in which impoverished blood can be so supplied.

It prevents **Consumption** by fortifying the constitution against its attacks.

It restores **Nervous Vitality** in a manner little short of marvellous.

It cures Coughs, Colds, Bronchitis and kindred diseases by building up the constitution so that the system will throw off the disease by NATURAL PROCESS—a very different thing from the usual method of treatment by administering cough medicines and other drugs which are sure to impair digestion and are always debilitating in their effects. **FERROL**, on the other hand, while removing the disease, at the same time INCREASES THE WEIGHT, ENRICHES the BLOOD, and improves the patient in every respect.

It assists in the development of delicate infants and children, and it is particularly valuable for boys and girls at the **period of transition into manhood and womanhood**, when they are so likely to outgrow their strength and the system is rendered peculiarly susceptible to the attacks of disease.

It strengthens the muscles, tones up the nerves, improves the vitality, strengthens the act on of the heart, and builds up the whole system so that the germs of disease can obtain no foothold.

It has a wonderful recuperative effect on the Brain—bringing to it **its proper form**. Phosphorus, the Brain's chief constituent; attacks of depression and morbidness, "brain fag," etc., are dispelled—the cure is basal, constructive and complete

WHAT IT IS NOT—It is not a "Patent Medicine"—the ingredients are freely made known, only the method of manufacture being secret.

REMEMBER—There is **only one** Emulsion of **Cod Liver Oil, Iron** and **Phosphorus,** and that one is **FERROL.**

If you feel the need of a Restorative see that you get FERROL *and do not be put off with something "just as good"—there is nothing half so good—nothing "Just the same." Protect yourself.*

Cod Liver Oil, Iron and Phosphorus are not new remedial agents; for ages their merits have been known and recognized, and for many years physicians have indulged the hope that some day a satisfactory combination of these remedies would be perfected and the full benefit of their life-giving properties made available.

In "FERROL," **that hope has at last been fully realized,** and the practical benefits resulting from its use have far exceeded the most sanguine expectations.

These agents are combined in a scientifically prepared Emulsion so palatable that even a nursing infant can and will take it readily, even greedily; so easily assimilated that the most delicate digestive organs will dispose of it with **less difficulty** than they would experience in the digestion of the plainest food.

WHAT IT IS.—"**FERROL,**" as its name implies, is composed mainly of Oil and Iron—it is, in short, a PERFECT EMULSION OF COD LIVER OIL AND IRON, with a medicum of Phosphorus added, and is positively the **only preparation** combining these ingredients.

The apparently extravagant claim that it is no equal in its peculiar sphere is based on the following common sense reasons:

It combines in palatable form **Cod Liver Oil,** the greatest tissue-builder and flesh-producer known to medical science, with **Iron,** the one and only agent which will supply impoverished Blood with the red corpuscles which it must have in order to insure a healthy condition, and **Phosphorus,** which has no equal as a Nerve tonic.