

Farmer's Column.



Give fools their gold & leaves their power
Let fortune's bubbles rise and fall;
Who sows a field or trains a sower,
Or plants a tree, is more than all.

The Gapes

Many poultrymen are not sure that the gapes are the result of the lodgment of worms in the windpipe, though there can be no questioning the fact that at times there are worms, which are drawn out with a feather. It is now claimed that the disease, in a majority of cases, is the crop, and should be treated as such. It is always best, however, to treat the chick for both the crop and the gape worm, as delays are sometimes dangerous.

As soon as signs of gapes appear feed the entire brood with a warm mass of corn meal moistened with milk or boiling water. To each pint of milk add a teaspoonful of spirits of turpentine. Mix the turpentine with the meal while the meal is dry. Feed it moist and warm, as stated before, and give them a pill of the mixture. This will at least prevent the spread of the disease; and in many cases will cure the gapes; but should the relief not be prompt, secure the sick ones, place them in a box and give them a mixture of wood tar, turpentine and sulphur. Set the mixture on fire and keep the chicks in the box until nearly suffocated; or, rather, give them the influence of the fumes as long as it is safe. As soon as the chicks show signs of relief feed them on soft food on a clean surface, to every quart of the soft food first adding a gill of Rochelle salts.

Chewing the Cud

There is no such thing as a "cud" which the animal keeps in its mouth all the time; but there is a cud in another sense. Animals like the cow, which live upon food not very concentrated, have to consume large quantities of it to get the necessary quantity of nutritive matter. Hence they do not chew their food fully while grazing, but swallow it as soon as they can and proceed to get more. Afterwards, when resting, they bring back portions of the food to the mouth, by a special arrangement of the muscles of the stomach, and chew it over again; this time the mastication is thorough. This second process is called "chewing the cud." After one portion is sufficiently masticated it is swallowed and passes into a separate stomach; another portion of the rough food is then chewed, and thus the process is continued until all is masticated. Now, when a cow gets sick the desire for food ceases more or less, and the animal ceases to bring up and chew its cud, just as it ceases to graze when sick. Not chewing the cud, then, is a symptom of sickness. It may be of various kinds, and the resumption of cud chewing is a symptom of returning appetite and therefore of returning health.—*Mirror and Farmer.*

Keep Something Growing

It has been found by the field experiments of Messrs. Lawes & Gilbert, of Rothamsted, that allowing lands to lie bare of vegetation during the growing season, is a practice that is wasteful of plant food, particularly of nitrogen in the form of nitrates. The analysis of drainage water coming from a soil that has no crop growing upon it, has shown an abundance of nitrates in solution, while that from another field receiving similar treatment, except that crops were sown, has shown no nitrogen in the drainage water, proving that the growing plant has been busy taking up the nitrogen and preventing it from going to waste by being washed away into the rivers and oceans. Experiments having the same end in view, and giving similar results, have also been tried by others.

Fallowing land for a short time, for the purpose of destroying weeds and weed seeds, is doubtless an excellent practice under some circumstances, but the practice is too wasteful of nitrogen to be followed for any other purpose. Nature teaches us that the surface of the earth should be kept constantly covered by some form of vegetation. The practice of sowing winter rye in the fall, after the summer crops are removed, is therefore, on this ground, an economical one, even if it be ploughed in spring, though it is better to let it get large enough to feed to cattle either green or dry.

White and Yellow Corn

We are asked to give the economical difference between white and yellow corn in feeding value. In the eastern States yellow corn is preferred, supposing, as feeders generally do, that yellow corn is more fattening than the white, that is, that it contains more oil. Chemical analysis has shown that yellow corn contains from one-half to one and a quarter per cent. more oil than the white, but the white often contains about one per cent. more albuminoids or muscle forming matter. The value, when figured up, is slightly in favor of the yellow—not more than five cents per hundred pounds in any case that we have seen. To feed growing animals the white is as valuable as the yellow, but for rapid fattening the yellow is preferred. As house meal many prefer the white, and in some markets it sells the highest. As pig food the yellow is generally preferred, and brings a few cents more per bushel.

As an article for the toilet, Ayer's Hair Vigor stands unrivaled. It cleanses the scalp and preserves it from scurf and dandruff, cures itching and humors, restores faded or gray hair to its original dark color, and promotes its growth.

Today, on making the horrible discovery that her kitten had whiskers: "Ma, I don't want dis tat. Dis is a man tat. I want a dirl tat."

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Ask for "Rough on Coughs," for Coughs, Colds, Sore Throat, Hoarseness, Tracheitis, etc. Liquid, 25 cents.

"Rough on Rats"

Cleats out rats, mice, roaches, flies, ants, bed-bugs, etc. Complete cure. Liquid, 25 cents.

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"Rough on Pain"

For Rheumatism, Neuralgia, Headache, Toothache, etc. Complete cure. Liquid, 25 cents.

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