

### HOW TO FATTEN HOGS.

#### Trials With Different Foods at the Illinois Experiment Station.

The following is a summary of experiments made at the Illinois experiment station at Champaign during the years 1888, 1889 and 1890:

In eight trials in which corn only was fed, aside from salt and coal slack, pigs varying in average weight from 65 to 290 pounds, and kept in pens or small lots without grass, gained at the rate of from 10.46 to 14.73 pounds per bushel, 56 pounds, shelled corn, the average gain being 12.36 pounds. The rate of gain for food eaten and the food eaten in proportion to weight decreased after four to six weeks' feeding with corn only. The corn eaten per day varied from 3.41 pounds eaten by pigs averaging 65.58 pounds to 10.74 pounds eaten by pigs weighing 190 pounds live weight, varied from 1.35 pounds eaten by pigs fed eighty-four days and averaging 207 in weight to 5.19 pounds eaten by pigs averaging 65.58 pounds.

In four trials, pigs fed all they would eat of shelled corn with blue grass pasture ate 4,216.5 pounds of corn and gained 905 pounds, which was the rate of 12.04 pounds gain per bushel of corn. Pigs, under like conditions, except that they were fed but half as much corn, ate 2,190 pounds of corn and gained 505 pounds, which was at the rate of 12.93 pounds per bushel. Pigs in dry lots fed shelled corn ate 4,207 pounds of corn and gained 790.5 pounds, which was at the rate of 10.52 pounds per bushel.

After periods varying from six to nine weeks the pigs which had been fed a half ration of corn on pasture were given a full feed of corn, the others being fed as before. In three trials, lasting four or five weeks each, the pigs which had had a full feed of corn throughout ate 1,736 pounds of corn and gained 329 pounds, which was at the rate of 10.11 pounds per bushel. Those which had been fed a half feed of corn in the first part of the trials ate 2,076.5 pounds of corn in the second part and gained 462.5 pounds, which was at the rate of 12.5 per bushel. Those fed corn only ate 1,624.5 pounds of corn and gained 224 pounds, which was at the rate of 7.4 pounds per bushel.

Two pigs in a two-acre pasture in which three yearling steers were fed corn gained in twenty-four weeks 195 pounds. In a second trial two pigs with like conditions gained 231 pounds in thirty-one weeks. In neither case was the gain large. In each case the pigs at the close of the trial were in good condition for full feeding and made large gains when so fed.

A trial of apple pomace as food for pigs resulted unsatisfactorily. The pomace kept well, chemical analysis of it showed an apparently good composition for feeding purposes, but the pigs ate very little of the pomace.

#### Medicines in the Coal Bin.

It may fairly be said that most of the new medicines produced recently are products of coal tar," said a physician to a Washington Star writer. "Until lately remedies freshly added to the pharmacopoeia were obtained through novel discoveries in the plant kingdom. Even now from time to time such lucky finds are made, but the science of botany has pretty nearly completed its list of things vegetable that grow upon the earth, and the properties of their active principles have become more and more thoroughly understood of late years. Thus it happens that new medicines today are nearly all products of the laboratory.

"In coal tar is found a simple organic substance which is readily worked with for the production of varied chemical results. It is what chemists call a carbohydrate of an unelaborate character, which renders itself readily useful in laboratory processes. Therefore workers in the line of therapeutic research employ it to an almost unlimited extent. Of the new remedies which the apothecary keeps upon his advertising slate, a majority are such coal-tar products. Many of them are of a dangerous character, and should not be taken without a physician's prescription; but that does not prevent them from having a large sale, and the firms which get them out under patented names make fortunes by selling them. Most important among these remedies are sleep-producing and anti-fever drugs. A number of them are admirably when properly and judiciously administered.

"It is interesting to consider that in your own coal bin you have a store not only of heat for the kitchen range, but also of the aniline dyes, which are the most vivid colors obtainable in chemistry, as well as a stock of remedies that will soothe the nerves and put the family to sleep."

#### On the Carpet.

The familiar saying, "On the Carpet," which the French render "sur le tapis" (on the table cloth) is said to have its origin from the Oriental legend of Solomon's carpet.

The Eastern writers say that Solomon had a green silk carpet, on which his throne was placed when he traveled. This carpet was large enough for all his forces to stand upon; the men and women stood on his right hand, and the spirits on his left. When all were arranged in order, Solomon told the wind where he wished to go, and the carpet with all its contents rose in the air and alighted at the spot indicated. In order to screen the party from the sun, the birds of the air with outspread wings formed a canopy over the whole party.—(Detroit Free Press.)

Potatoes are one cent a pound at Salem, Oregon.

### THE COUNTRY DOCTOR.

He is Probably as Competent and Well-Schooled as His City Brother.

There is no question that comes to mind oftener than the inquiry as to the standing of some advertising or traveling medical humbug or for some city physician to whom the inquirer can apply for treatment. Simply because a doctor practices in the city is no guarantee that he is any better than the village physician in some out-of-the-way place. It is true that he may have larger opportunities to see disease and larger opportunities to experiment with it. But all the advance in medical practice is described in the medical publications, and the country physician, if he is studious, has a full opportunity to learn what is being done, and how it is being done in his profession. The city and country physician start upon a level. Both, perhaps, graduated from the same school; both have attended the same clinics; both have studied the same authorities. Now, supposing that both are equally studious, the only possible difference that can ever be between them is that the city man may have a larger experience in the treatment of disease. But it must be remembered that the country physician treats the very same diseases that the city physician does; and with his medical publications before him, he will probably reach as great a degree of skill in any class of cases, by the treatment of a few, as his city brother will in the treatment of many.

It is also true that in the city there are physicians who make a special study of certain classes of diseases, and in such cases it would naturally be expected that they would reach a higher degree of proficiency than the physician of general practice. But the country physician will always send the patients to such practitioners if he finds it necessary. If it is a disease of the eye, and it is of serious character, the physician will recommend an oculist. It is possible that he may recommend a doctor who has made lung diseases a special study in cases of that character. But it is a very serious mistake to suppose that city physicians know everything or that the country doctor is necessarily deficient in knowledge. We have a friend who has a daughter that was severely affected with what seemed to be a skin disease. He employed a large number of the best physicians in Chicago, some of them noted specialists, but a cure was not effected and no good at all was accomplished. The girl was sent to the Hot Springs and there she was not at all benefited. In a visit to a little country town, where the physician, we have no doubt, was not considered any "great shakes," she was taken unusually sick and the mother had no other resort than to call the modest country doctor. He came, examined his patient and learned of her long and apparently incurable disease. He said he did not think that any of the physicians who had been employed had discovered the disease at all; that he believed that he knew what the trouble was, and that if the mother desired he would make an examination, and if he was found to be correct in his supposition he could effect a cure. The examination was made, the trouble found, an operation performed, and the girl is as sound as a dollar to-day. After the expenditure of hundreds of dollars upon renowned city physicians, the parents of this daughter learned at last that an unknown country physician was more skillful than all of them put together.

The lesson that we would teach is that people should consult their home physician first. As a rule he is a neighbor and knows the habits and weaknesses of those who apply to him. This gives him a great advantage. The best physician in the world prescribes in the dark unless he knows all about his patient. Nine times out of ten it is probable that the home doctor will do just as well as the city doctor. If he finds that he cannot manage the case he will call in assistance or send the patient to some one in whom he has confidence. Doctors in the city are doing this all the time. In all serious cases they consult with other physicians. There is no swindle that is so easily perpetrated, and there is none so mean as swindles upon the sick: Health and life are so very precious that the sick are readily imposed upon. Every quack knows this and he makes the most of it. The home doctor, as a rule, can be trusted. He will be honest with the patient, and that is a good deal more than the strange doctor often is.

#### To Relieve Neuralgia.

Take two large tablespoons of cologne, and two tablespoonfuls of fine salt; mix them together in a small bottle; every time you have an acute affection of the facial nerves, or neuralgia, simply breathe the fumes in your nose from the bottle, and you will be immediately relieved.—(New York Journal.)

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Loss of Appetite, Sick Headache, and That Tired Feeling are cured by

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How does he feel?—He feels at times a gnawing, voracious, insatiable appetite, wholly unaccountable, unnatural and unhealthy.—August Flower the Remedy.

How does he feel?—He feels no desire to go to the table and a grumbling, fault-finding, over-nicety about what is set before him when he is there.—August Flower the Remedy.

How does he feel?—He feels after a spell of this abnormal appetite an utter abhorrence, loathing, and detestation of food, as if a mouthful would kill him.—August Flower the Remedy.

How does he feel?—He has irregular bowels and peculiar stools.—August Flower the Remedy. ©

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S. S. S. aids digestion makes you enjoy what you eat and cures you of dyspepsia. Mr. James J. McCalley, of Monet, Mo., says he had dyspepsia for eight years, which made him a wreck, sick and suffering during the whole time. After trying all the remedies, including all the doctors in reach, he discarded everything and took Swift's Specific. He increased from 114 to 158 pounds and was soon a sound and healthy man.

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### Oldest Church in Europe.

Which is the oldest church in Europe? asks the British Architect, Canon Rutledge, in his "History of St. Martin's Canterbury," claims the distinction for that venerable edifice. He describes it as being the only existing church originally built as a church during the first four centuries that has remained a church till the present day. St. Martin's has a rival in St. Mary-in-the-Castle, Dover, which Canon Puckle believes to have been erected in the fourth century; but in the days of Queen Anne and for a century and a half afterwards, this edifice was used as a garrison fuel depot.

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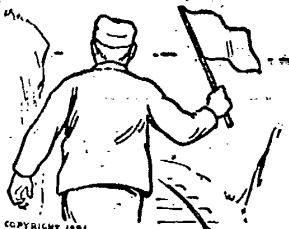
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