

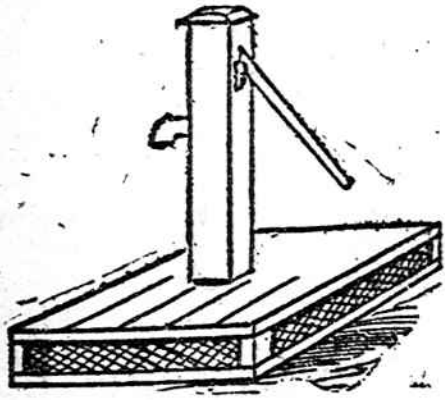
The Farm

Care of Young Chickens.

Take care of your young chickens. They should not be let out of their coops too early in the morning, or when the dew is on the ground; still less should they be suffered to range over the wet grass, which is a common cause of disease and death. They should also be guarded against sudden unfavorable changes of weather, more particularly if attended with rain. Nearly all the diseases of gallinaceous fowls arise from cold moisture. The period at which chicks are left to shift for themselves depends upon the disposition of the hen. Some will continue their attentions to their chickens till they are nearly full-grown, while others will cast them off much earlier. In the latter case an eye should be kept upon them for a few days, for chickens in this half-grown state are much more liable to disease than when they were apparently tender little weaklings.

Improving the Well.

Those who remember how pure the water used to taste when it was drawn up from the old open stone walled well will welcome any plan of improving our present wells. The sweet, satisfying taste which it possessed is not now very characteristic of much of the farm well water. The fact is that people, as a rule, are very careless nowadays about the source of drinking water. Wooden curbing, absolutely no ventilation in many cases and poor soils for the purification of water have brought about the change. A farmer who believes that



Ventilated Platform.

plenty of pure air in the well will add much in the purity of the water gave us the following plan: The frame for the support of the platform is made of two by fours, allowing a space of four to six inches between the top and bottom parts of the sides. This space is covered on the inside with two screens. The first is a large mesh, to keep out large vermin. Over this is a fly screen, to keep out dirt, insects, etc. The well never becomes foul. In winter the platform is covered with straw and snow.—Iowa Homestead.

How to Detect Swarming.

The first indication of swarming is the laying of eggs in the drone comb. While the presence of eggs in the drone-cells is not a sure sign that a swarm will issue, yet as far as I have observed swarms never do issue without eggs being laid therein. If the weather is propitious the next step is the building of queen-cells, soon after which the queen deposits eggs in them. In three days these eggs hatch into larvae and these larvae are fed an abundance of food by the nurse bees for six days, when the cells containing the embryo queens are sealed over.

If no bad weather intervenes the swarm issues the next day, the old queen going with the swarm. Bear in mind that this is the rule with the black or German bees and generally with other races; still, the Italians often swarm when the eggs are first laid in the queen-cells and some without the least preparation except drones in a time when swarming runs high in an apiary. I find, as a rule, that the first queen emerges from her cell from six to seven days after the swarm issues. If more swarms are allowed, they come forth two days later, or from the eighth to ninth day after the first and never later than the sixteenth day.

As soon as it is decided that no more swarms shall issue, all queens in the cells are destroyed, when in from five to nine days the young queen goes out to be fertilized, two days after which she commences to lay. If the apiarists stop all after swarming by the cutting of the queen cells, or by other means that keeps all of the bees in the old hive together after the first issue, I find that the young queen is much slower in going out on her wedding trip and often does not commence to lay till from the twelfth to the sixteenth day.

Taking one season with another the bulk of surplus honey is gathered by the first or prime-swarm. This being true, it is best to allow only one swarm to issue from each hive. To prevent after swarms, place the newly hived swarm on its original stand and move the hive from which the swarm has issued to a new location. It is from this old hive, of course, that after-swarms may be expected to issue.

About the time the queen cells are to hatch affix an entrance guard of perforated zinc to the hive. After a few days several dead queens will be found at the hive entrance. Now remove the entrance guard and you have remaining undoubtedly the best queen of the lot, after the plan of the survival of the fittest. Putting on sections is an important part of apiary work. If the first lot of sections is not placed on the hives at

the proper time the amount of honey secured from any given colony will be greatly reduced. If put on too late the bees will have begun making preparations to swarm. It is better on the whole to put them on a little too early than too late. A colony with abundant entrance for air is less inclined to swarm than it otherwise would be. Raising the hive by putting an inch block under each corner, leaving the hive open all around, can hardly be beaten for giving plenty of air. But do not hope that the plan of giving plenty of air will suffice to keep bees from swarming entirely.—F. G. Herman, in The Epitomist.

Modern Farming.

One of the farm papers states that modern methods of farming are now so perfect that the farmers may now peas, take them to a cannery and in two and a half hours from the time the vines are pitchforked to the receiving platform, the peas have been hulled, washed, sifted, blanched, placed in cans, brined, the cans capped, processed, labeled, boxed and the peas made ready for consumers; all at the cost of a dime per can and without having been touched by human hands at any stage of the process.

Balancing Cornmeal.

As long as cornmeal exists it will be used as a food for chicks, and while it has been used for many decades and found excellent yet it should and can be improved. It is deficient in mineral matter, and does not provide lime for the growth of bones. First, always scald the cornmeal and feed it as a stiff dough, or feed it dry, in a little trough (never on the ground). To a quart of the cornmeal add one gill of linseed meal, one gill of ground meat and a teaspoonful of salt and bread soda mixed. Then mix all the substances well before scalding or feeding.

Roots For Breeding Ewes.

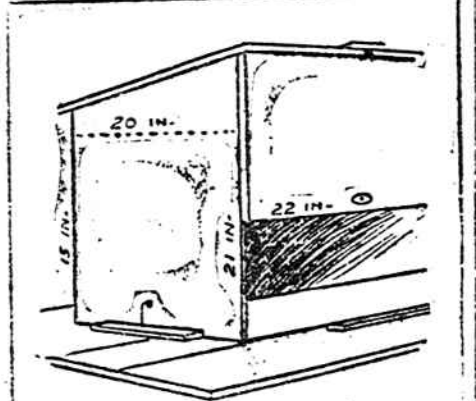
Among well-informed stock-breeders, it is generally accepted as true that the feeding of roots, either carrots or beets or even potatoes, to breeding ewes during the lambing season and until the new grass is plentiful produces most beneficial results in the way of increasing the flow of milk. It is a good plan to commence the feeding of roots a month at least before lambing. In feeding them, sprinkle on a liberal supply of bran and meal mixed in equal quantities. As well as roots, always feed the best of hay; and feed regularly, three times each day, if your sheep are not out to pasture.

The Foot of a Horse.

The foot of a horse is one of the most ingenious and unexampled pieces of mechanism in animal structure. The hoof contains a series of verticles and thin laminae of horn, amounting to about 500, and forming a complete lining to it. In this are fitted as many laminae belonging to the coffin-bone, while both sets are elastic and adherent. The edge of a quire of paper, inserted leaf by leaf into another, will convey a sufficient idea of the arrangement. Thus the weight of the animal is supported by as many elastic springs as there are laminae in all the feet, amounting to about 4000, distributed in the most secure manner, since every spring is acted on in an oblique direction.

Brood Coop.

The accompanying sketch shows a very convenient brood coop which can be built any size desired. I find that twenty inches square on the inside is about right for one hen and chickens. It should be made of lumber seven-eighth-inch thick. For the slope of the roof take a one by twelve of the desired length and cut as shown in sketch. It can be made with or without the floor. Door can be hinged on, but I prefer to have the door separate as it is easier to turn, the coop over to let in the sunshine or to let the rain wash it out. By nailing a cleat on as shown in illustration and placing a button above, the door can be held in place. The bottom is attached by means of a hook and staple at each end. The cleats on floor serve



the double purpose of holding the floor together and also helps to hold the coop in place. The floor can be easily cleaned with a broom and water. The two cover planks should be left a little apart and a strip nailed over them in order that the foul air may escape. Cleats should be nailed on the inside wherever needed to strengthen the coop. A coop of this kind can be carried from place to place with ease, which, together with being easily cleaned, makes it the coop to have where insects are abundant. Holes can be bored wherever desired for ventilation or a small crack may be left in door. In hot weather a screen door can be made which will let in plenty of air and shut out all vermin.—J. L. Carroll, in The Epitomist.

THE TGC SIN OF TAFT

Hews to the Line as Laid Out by Roosevelt.

MAKES KEYNOTE SPEECH

Addresses Ohio Republicans, as Candidate for Presidency, and Says Teddy's Views Must Be Carried Out by His Successor.

Secretary of War William H. Taft reached Columbus, Ohio, Monday, on his globe-circling itinerary, and delivered before the Buckeye Republican Club, Monday night, an address, which was a lengthy and comprehensive statement of his position as a candidate for the republican presidential nomination.

The speech was largely a defense of the policies of President Roosevelt, which Secretary Taft expects, if elected, to carry forward. In addressing his fellow citizens of Ohio and the republicans of the whole country, he made it plain that he was heart and soul with the president in his support of the measures which have come to be known as the "Roosevelt policies." While insisting that these measures had already been productive of much good to the country, he pointed out how existing statutes could be amended in order to further perfect them and make them more effective.

Following is an outline of Taft's views as set forth in his address:

I think the imprisonment of one or two managers of unlawful trusts would have a most healthy effect throughout the country.

The states can best remedy the dangers of too great accumulation of wealth in one hand by controlling the descent and devolution of property, and they ought to do so.

In times of great national need, an income tax would be of great assistance in furnishing means to carry on the government.

The evil of eliminating competition ought to be restrained by making it unlawful for an interstate railway to acquire stock in a competing line.

An interstate road should not be permitted to issue stock or bonds . . . except after a certificate by the commission that the securities are issued with the approval of the commission for a legitimate railroad purpose.

Efficient regulation is the very antidote and preventative of socialism and government ownership.

The time is near at hand for an amendment to the anti-trust law . . . making clear the distinction between lawful agreements reasonably restraining trade and those which are pernicious in their effect.

Appeals to judicial remedies (by railroads) should be limited in such a way that parties will not use them merely to delay and so clog efficient and just executive or legislative action.

Tariff revision is to be by the republican party and is not to be a departure from the protective principle, but in conformity to it.

It would be not only unwise, but unsafe for the party to fail in its next national platform to pledge itself to a revision of the tariff as soon after the next presidential election as possible.

FAIRBANKS IS INVITED

To Be Guest of Georgia State Fair Some Time in October.

Vice President Charles W. Fairbanks—an acknowledged candidate for the republican nomination for the presidency—has been invited to attend the Georgia state fair at Atlanta during its operation from October 10 to 26.

The date on which his visit is to be made was not specified, but he was given the liberty of setting any time that he saw fit.

WILLIAMS ESCAPES GALLOWES.

Sentence of Condemned Alabama Murderer Commuted by Governor.

John Williams, under sentence of death for the murder of Robert L. Hipp of Cullman, Ala., and in the Birmingham jail, will live, Governor Comer having commuted his sentence to imprisonment for life.

It will be recalled that on the night before the day Williams was to hang in Cullman, his attorneys sued out a writ of habeas corpus on the ground that he had become crazy, and on this his execution was stayed.

TWO STATES STORM-SWEPT.

Great Damage Done in Minnesota and Wisconsin by the Elements.

A terrific wind and thunder storm, which began about eight o'clock Sunday evening and lasted until after midnight, has done great damage in Minnesota and Wisconsin. From the meager reports that have come in it is feared that the damage will run into the thousands of dollars.

TO BAR THE BOYCOTT.

Manufacturers Appeal to Federal Court for Permanent Injunction Against Federation of Labor.

A significant legal action was begun in the supreme court of the District of Columbia Monday by James W. Van Cleave, president of the National Association of Manufacturers, to enjoin John Mitchell, Samuel Gompers and other officers of the American Federation of Labor and several of its subsidiary organizations from using the boycott and so-called "unfair list."

Mr. Van Cleave institutes the suit in his individual capacity as head of a large manufacturing company in St. Louis, where products are alleged to have been declared unfair by the labor unions, but the significance of the action lies in its being a test case wherein Mr. Van Cleave, as head of the manufacturers' association, seeks to permanently enjoin organized labor from using the "unfair" or "we don't patronize" lists in its fight against firms and individuals.

The papers were filed in the District court in order that personal service might be immediately obtained against a large number of the labor leaders named in the complaint who are in Washington in attendance upon a general conference.

Another Move.

Delegates from various manufacturing and employers' associations met in New York Monday and discussed the proposition to form a national federation which shall have for its purpose the furtherance of peace in the industrial world by combining the efforts of all the employing interests. The meeting, which was held behind closed doors at the Waldorf-Astoria, was presided over by James W. Van Cleave, of St. Louis, president of the National Association of Manufacturers.

After a general discussion, it was decided to adjourn in order to permit the delegates to return to their homes and consult with the organizations which they represent regarding the projected national federation.

The meeting of Monday was called by the National Association of Manufacturers, which met in New York last May. Mr. Van Cleave said the meeting was called to form an organization which would endeavor to "institute an educational campaign which should promote industrial peace and mutual good will between employers and employer."

He said that the organization did not purpose to crush labor unions. Officers of the National Association of Manufacturers hope to induce the new federation to incorporate the platform of the manufacturers' association, which, in part, stands for the open shop, no limitation of output, no boycott, no sympathetic strikes and no sacrifice of the independent workingman to union labor.

RUNNING AHEAD OF CASH.

Progress on Panama Canal Too Swift for Appropriation.

A Washington dispatch says: Conditions on the Panama canal have reached a state of gravity due to the fact that construction work is developing faster than was contemplated when estimates for expenditures during the fiscal year 1908 were made nearly a year ago.

The estimate is made that about \$8,000,000 in excess of the appropriations could be used to advantage in pushing forward the work during the present year, and Colonel Goethals, the engineer in charge, thinks it would be in the interest of true economy to proceed along this basis, and ask congress at its next session to make good the deficiency as the argument is made that with the present organization and progress the waterway can be completed more rapidly than by restraining expenditures within the appropriations now available.

BOARDING HOUSE DEATH TRAP.

Building Collapsed, Killing Five People and Injuring Eleven.

Five persons were killed and eleven others were injured, three seriously, early Friday in the collapse of a two-story frame building in Chicago, occupied as a boarding house.

Four of the victims were instantly killed and the fifth died a few minutes after being taken to a hospital. The bodies of the dead were taken from the ruins by policemen and firemen.

A CHURCH CONSOLIDATION.

United Brethren in Atlanta Join Forces With Congregationalists.

There is no longer a United Brethren tabernacle in Atlanta. At a meeting of the congregation it was decided to leave the United Brethren denomination and go over to the Congregational Church, which will in future be known as the United Congregational tabernacle.



Thackeray used to lift his hat whenever he passed the house in which he wrote "Vanity Fair."

Robert Browning could not sit still. With the constant shuffling of his feet holes were worn in the carpet.

Chicago, it is said, has more rats, in proportion to its population, than any other city in the world. The average is about two rats for each inhabitant.

Three good washes are received by an Abyssinian during his career—at his birth, on his marriage-morn, and at his death. At all other times he shuns soap and water.

Dinizulu, the Zulu chief, has a graphophone, with which he entertains his guests, and also an organ of England build, on which he himself performs.

The number thirteen is deemed so unlucky in Paris and Berne that none of the houses in these cities bear that numeral. Instead of it the number twelve and a half is used.

The English city of Birmingham is securing control of the street-car systems there. Early in January the municipality instituted electric traction covering eighty miles of track-
age.

Schoolchildren in Copenhagen, Denmark, must keep clean. Three times a week they have to bathe, and while they are thus engaged their clothing is being purified in steam-ovens.

In England a man devised a train-wrecking scene for the amusement of an audience. The engine driver entered so recklessly into the spirit of the occasion that he killed the author of the entertainment, who was lying bound upon the track.

A native of Egypt who recently died left \$400,000 stored in gold in his house. Many Egyptians who are possessed of wealth will borrow money at interest to conceal the fact. Large quantities of gold coin are annually melted in Egypt and converted into ornaments.

The Philadelphia Record declares that Charles C. Reber, an employe in a shirt factory at Strasstown, Berks County, Pa., is an expert at sewing on buttons. He sewed on 4200 buttons last Friday in five and one-half hours, which means six hundred shirts, seven buttons to a shirt, or about fourteen buttons in a minute. At another time, not being aware of the fact that he was being timed, he sewed on seven buttons in twenty-five seconds. Mr. Reber claims he can fasten, on a wafer, twenty-one buttons in a minute, seven buttons to a shirt.

PICTURES OF SLEUTHS.

Criminals Who Snapshot Detectives—Uses of the Photographs.

Have you ever noticed—to use an Irishism—that you hardly ever notice the portraits of Scotland Yard detectives in the illustrated papers until they are either retired or are just about to retire?

Did you, for instance, know how Detective Inspector Walsh looked prior to his quitting his service the other day, or were you familiar with Chief Inspector Arrow's features until he accepted, a month or two ago, the post of chief of police at Barcelona?

If you think carefully over these two questions you will have to confess to yourself that you are unable to answer either of them in the affirmative, the reason being that neither of the officers mentioned was ever previously photographed for publication. This is one of the many unwritten laws of Scotland Yard.

Nevertheless there is hardly a detective in London who has not been photographed over and over again, for the simple reason that there is in existence a class of men who make a specialty of snapshotting police officers, with a view to selling the portraits so obtained to professional criminals.

Such photographs are, for obvious reasons, greatly sought for. Certain detectives make a specialty of certain lines of crime. One, for example, deals with coiners, another with anarchists and undesirable aliens generally, and so on. All really high-class criminals also specialize in crime. There you have the thing in a nutshell. For a professional coin-er to be familiar with the features of the man who is on the lookout for him is, from his point of view, eminently desirable.

And he usually is familiar with them, thanks to the snapshotters, themselves for the most part criminals or ex-criminals. In fact, one notorious counterfeiter arrested the other day by a clever ruse was found to be in possession not only of the photographs of the men who arrested him, but of carefully tabulated written descriptions of them into the bargain.—Pearson's Weekly.

There are 27,941,960 people whose lives are insured in the United Kingdom, the total value of the policies in force amounting to the enormous sum of £10,005,808,588.

VIRGINIA RECIPE FOR CURING HAM.

Put the ham into pickle made by putting into one and one-half gallons of water one-half pound of brown sugar, one-half ounce of saltpeter and two and one-quarter pounds of salt. Boil this mixture for half an hour, skimming frequently; then set aside to cool and pour over the ham. Leave for two weeks; remove the ham; wash it in fresh water; dip it, still wet, in bran, and coat thickly with it. Now take to the smokehouse and hang, lock end down, in smoke from hickory chips and sawdust for four weeks. Brush off the bran, wrap in brown paper, and hang up until needed.—Pittsburg Dispatch.

FITS, St. Vitus' Dance, Nervous Diseases permanently cured by Dr. Kline's Great Nerve Restorer. \$3 trial bottle and treatise free. Dr. H. R. Kline, M.D., 931 Arch St., Phila., Pa.

HOUSEKEEPING HINTS.

Starched muslins, laces and prints will look nicer and iron more easily if dampened with hot water instead of cold.

To impart extreme stiffness to starch add to one quart of starch a teaspoon of gum arabic and the same of baking soda, dissolved in a little water.

The contents of the inner vessel of a double boiler will cook much more rapidly if the water in the outer compartment is salted in the proportion of half a cup of salt to two quarts of water.

Soak new brooms in strong hot salt water before using. This toughens the bristles and makes the brooms last longer.

If jelly has been set away to cool in an earthen or agate mold, set the mould in a dish of very hot water and count three, then it will be ready to turn out on a plate.

Always wash red linen tablecloths in water in which borax has been dissolved.

Soap and candles should be bought in quantity as they last longer and are more effective when dried.

To destroy the sharpness of a knife, put the blade into hot grease.

Meat will keep sweet for several days by covering it entirely with milk. Sour or buttermilk will answer the purpose as well as sweet milk.

To remove stains from the fingers, caused by peeling onions, rub well with a lemon.

To clean a gold chain place for a moment in a cupful of ammonia and water, using three parts of water to one of ammonia. Polish finally with a clean chamolix leather.

To save incandescent mantles, when lighting turn on the gas for a few seconds, then hold the match one inch above the chimney. It is through applying the match too quickly that so many mantles are destroyed.

New iron kettles may be cleaned by boiling in them a good-sized handful of hay. Let boil one hour, then scour with soap and sand; fill again with clear water and allow it to boil. After this treatment they will not discolor anything cooked in them.

To remove dried tea stains apply equal parts of yolk of egg and glycerine to the stain, and allow to dry. Rinse well in clean cold water. This will be found excellent for an afternoon tea cloth which must not be boiled on account of its delicate coloring.

SPICY CARROTS.

Scrape new carrots, cut in inch lengths, then into lengthwise slices and finally in matchlike strips. For a pint put in a saucepan a heaping tablespoonful of butter and a quarter of a teaspoonful of salt; when hot turn in the carrots, shake well, cover and cook very slowly, adding a spoonful of water if they are inclined to burn. When barely tender sprinkle with a half teaspoonful of flour and turn through well. Just before dishing add a pinch of powdered cloves, the grated rind of half a lemon and a tablespoonful of chopped parsley.—Newark Call

WHAT'S THE USE?

To Pour in Coffee When It Acts as a Vicious Enemy.

Fasters have gone without food for many days at a time, but no one can go without sleep. "For a long time I have not been sleeping well, often lying awake for two or three hours during the night, but now I sleep sound every night and wake up refreshed and vigorous," says a Calif. woman.

"Do you know why? It's because I used to drink coffee, but I finally cut it out and began using Postum. Twice since then I have drunk coffee, and both times I passed a sleepless night, and so I am doubly convinced coffee caused the trouble and Postum removed it.

"My brother was in the habit of drinking coffee three times a day. He was troubled with sour stomach, and I would often notice him getting soda from the can to relieve the distress in his stomach; lately hardly a day passed without a dose of soda for relief.

"Finally he tried a cup of Postum and liked it so well he gave up coffee, and since then has been drinking Postum in its place, and says he has not once been troubled with sour stomach."

Even after this lady's experience with coffee her brother did not suspect for a time that coffee was causing his sour stomach, but easily proved it.

Coffee is not suspected in thousands of cases just like this, but it's easily proved. A ten days' trial works wonders. "There's a Reason."

Read the famous little book, "The Road to Wellville," in pkgs.