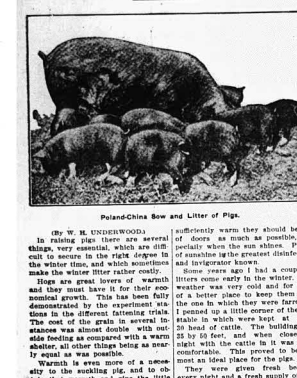
NECESSITY FOR PROVIDING PIGS COMFORTABLE QUARTERS

Many Things of Vital Importance in Making Hog Business Entirely Profitable—Must Have Proper Shelter With Exercise.



Poland-China Sow and Litter of Pigs.

(By W. H. UNDERWOOD.)

In raising pigs there are several things, very essential, which are difficult to secure in the right degree in the winter time, and which sometimes make the winter litter rather costly.

Hogs are great lovers of warmth and they must have it for their economical growth. This has been fully demonstrated by the experiment stations in the different fattening trials. The cost of the grain in several instances was almost double with outside feeding as compared with a warm shelter, all other things being as nearly equal as was possible.

Warmth is even more of a necessity to the suckling pig, and to obtain that warmth and give the little fellow sufficient amount of exercise is where the difficulty comes in.

It is an easy matter to make the bed warm enough, but as soon as the pig leaves the nest for exercise out in the open, it becomes chilly and soon returns to the warm bed. Not taking exercise sufficient to keep it from becoming too fat, thumps follow and death ensues. An abundance of exercise is necessary to avoid the thumps in young pigs when they are getting all the milk and other foods they can eat.

In raising winter pigs there are six really very important things to be taken into consideration. Warmth, exercise, good feed, ventilated quarters, sunshine and good blood.

In order to have these a warm and quite roomy building, which will make ventilation easier and allow the pigs to play without going out in the open is necessary. When the weather is sufficiently warm they should be out of doors as much as possible, especially when the sun shines. Plenty of sunshine is the greatest disinfectant and invigorator known.

Some years ago I had a couple of litters come early in the winter. The weather was very cold and for want of a better place to keep them I put the one in which they were farrowed. I penned up a little corner of the one stable in which were kept at night 30 head of cattle. The building was 25 by 50 feet, and when closed at night with the cattle in it was quite comfortable. This proved to be almost an ideal place for the pigs.

They were given fresh bedding every night and a fresh supply of sliding put in every day. Those pigs were exceedingly fast.

Under ordinary farm conditions it is a doubtful proposition to attempt to raise many winter pigs with good results, but under special conditions a few litters may be made profitable. The greatest obstacle is to provide enough warm space for the pigs to run and feed without becoming chilled for lack of sufficient sunshine.

Scours and thumps often cause very serious losses among young pigs. The former is caused usually by overfeeding, by providing badly spoiled feed, by an abrupt change of ration or by a change in feed that affects the milk of the dam. The latter is generally brought about by overfeeding and lack of exercise.

An illustration is shown herewith of a Poland-China sow, with her litter of pigs. This breed put on fat rapidly, are docile and easily handled.

RAISING FUEL FOR HOUSEHOLD

Systematic Planting and Cultivation of Forest Trees Is Branch of Agriculture Yet in Infancy.

(By R. B. BUCKHAM, Salem, Mass.)

A very small acreage of woodland, if properly handled, can be made to yield the necessary fuel for the household, from year to year, and yet maintain an average growth, or even increase in value.

The true growth of the woodlot should be encouraged by every means way. All dead wood should be conscientiously removed and added to the woodpile. It will serve well as rubbish kindling, at least, and does away with one of the chief sources of disease among growing wood. It has been proven that a very large percentage of all the ailments of forest trees arises from the decaying dead wood lying about them.

Thinning correctly is a second requisite to making the woodlot most profitable. Where the standing growth is too close, all are compelled to suffer for the lack of air and light. Hence some can well be removed, to the benefit of the remainder.

Where an area of any dimensions has been laid bare, it should be reseeded immediately. The second growth does not start satisfactorily. It is as poor economy to allow parts of the woodlot to lie idle, as any other portion of the farm.

The increase of the more valuable trees should be encouraged, such as the oak, pine, hickory and ash. Some trees are of no value, save as stove wood, and are poor, even at that. Yet, strange enough, at the start they are the most vigorous, and always succeed in making the most rapid growth at the start, thus holding their own at the expense of high grade timber. There are weeds among trees, as well as among crops.

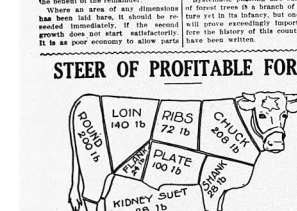
Forest trees are indispensable to the welfare and best interests of the community. We cannot well do without them, because of their salubrious influence upon the climate, their preservation of the supply of moisture, and their value for purifying the atmosphere, to say nothing of their commercial value.

We must look to the farmer for the presence of the necessary amount of forest trees. Upon them will fall the burden of bearing this responsibility.

But that they will profit largely therefrom is well illustrated by the fact that the artificial timber tracts which already exist in what was formerly the great, bare, wind-swept western plains are already of incalculable value.

Systematic planting and cultivation of forest trees as a branch of agriculture yet in its infancy, but one which will prove exceedingly important before the history of this country shall have been written.

STEER OF PROFITABLE FORM



This steer weighed 1,200 pounds alive and 800 pounds dressed. This makes his dressing percentage 62. He is an example of the most profitable steer to feed, says Farm and Home. Note the broad head, straight, level back and deep flank.

LORIMER IS CLEARED

U. S. PROBERS DECIDE BRIBERY CHARGES ARE NOT PROVEN.

NO DISSENTING VOTE CAST

Report Goes to Full Committee and Later to the Upper House of Congress for Ratification.

Washington.—The subcommittee of the senate which has been investigating the charges of bribery in connection with the election of Senator William Lorimer of Illinois, tonight decided unanimously that the testimony does not prove any of the charges made.

The committee took up the evidence in its entirety at an executive session. It canvassed the testimony, weighed the evidence and the arguments and took the unanimous action of the facts that have been advanced in connection with the charges concerning Lorimer's election and decided there had been shown no foundation for the charges that bribery had entered into the case in connection with Mr. Lorimer's election.

The motion finally was offered to report to the full committee of the senate that the charges had not been proved. On this motion there was no dissenting vote in the subcommittee. Following this action the subcommittee decided to report the case to the full committee at once, and the report will be sent to the senate within short time.

The charge that Senator Lorimer had purchased his seat in the United States senate was first made publicly when the testimony of Lee O. Shepard, of Chicago, representing Clarence Wilson, a member of the Illinois legislature from Chicago, was published on April 4 last. Shepard said that Lee O'Neil Browne, ex-U. S. district attorney for Illinois, had mentioned as having been involved in the purchase of the senatorship. Shepard also confessed that he had been paid $1,000 for his Lorimer vote by the chairman of the minority leader in Springfield. Wilson himself said, "I understand that Senator Lorimer had been elected by a combination of Democrats and Republicans."

Immediately after the publication of the story Lorimer himself was involved were summoned to the state's attorney's office in Chicago. Under a grilling cross-examination several days and under the threats of prosecution for perjury, Shepard confessed of the truth of Wilson's charges were gotten from Lorimer and Browne. Shepard himself was returned at once to Cook county charging Lee O'Neil Browne with bribery, and a bribery indictment was returned in Sangamon county against Senator John Broderick.

Robert E. Wilson was also indicted for bribery and perjury. Mr. Wilson's dallas was indicted on a charge of perjury. The indictment charged that portion of the money alleged to have been paid him for the Lorimer vote, the indictment charged Broderick, Wilson and Clark are still pending in the state's attorney's office.

Lee O'Neil Browne was tried twice in the criminal court of Sangamon county. The first time the jury disagreed and the second jury returned a verdict of guilty.

JUSTICE WHITE NOW CHIEF

Louisiana Man Is Confirmed as Head of United States Supreme Court.

Washington—President Taft Monday sent to the senate the nominations of Edward Douglass White to be Associate Justice and Mr. White's nomination was promptly confirmed by the senate. The president also sent to the following nominations:

To be associate justices of the Tenth circuit, Willis Van Devanter of Wyoming and Judge Joseph Rucker Lamar of Georgia.

To be judges of the new Court of Commerce:

Martin A. Knapp, now chairman of the interstate commerce commission, for a term of five years.

Robert W. Archbald, now United States circuit judge for the middle district of Pennsylvania, term of four years.

William H. Hunt, now a judge of the Court of Customs Appeals, for twenty United States District Judge of the district of Montana, term of three years.

John Emmett Carland of South Dakota, term of one year.

Julius W. Mack, now judge of the appellate circuit court of the First Illinois district, term of one year.

To be members of the interstate commerce commission: B. H. Meyer of Wisconsin and C. C. McChord of Kentucky.

Take 26 Dead From Mine.

Vancouver, B. C.—Reports Monday from the scene of the accident at the mines of Western Canada coal-fields at Bellevue, Alberta, say 26 bodies have been recovered. One of these is the body of Fred Auderson of Hosmer, who was with the first rescue party.

Congressman Cook Stricken.

Washington.—Representative Joel Cook of Pennsylvania suffered a stroke of apoplexy Monday and is at his home here in a serious condition.

THRESHING RETURNS FROM WESTERN CANADA.

They Reveal Larger Averages of Wheat and Oats Than Anticipated.

The returns from the grain fields of Western Canada as revealed by the work of the threshing, show much larger yields than were expected as the crop was ripening. It is a little early yet to give an estimate of the crop as a whole, but individual yields reported from the districts throughout Manitoba, Saskatchewan and Alberta show the farmers have every as a rule have had reason to be thankful over the returns. Excellent yields are reported from many portions of Manitoba and a large district of Saskatchewan has turned out well, while the central portion of Alberta is splendid. There will be shown at the land exposition at St. Louis a sample of the Marquis wheat—a new variety and one that appears to be well adapted to the soil and climate of Western Canada—that is yielding as high as 40 to the acre. The exhibit and statement will be supported by affidavits from the growers. This wheat weighs well, and being a hard variety will find a ready market at top prices for delectable fot a first-class article. It is interesting to point out that a field of one hundred acres of this wheat would give its producers 5,500 bushels. Sold at 65 cents a bushel would give him $45 an acre. Counting all the cost of interest on the land at $15 an acre, getting the land ready for crop, seed sowing, harvesting and marketing, the entire cost of production would not exceed $8 an acre, leaving the handsome profit of $37 an acre. Is there any crop that would yield a better return? Oats yield the same labor and initial expense? Cotton fields will not do it, apple orchards will have to undergo some cultivation and the risk to run from the time planted until the fruit begins to begin to do it. While what is considered an average case has been presented, there is no doubt that this man's experience may be duplicated by others care to do the work. Simple. As has been said the growing of this wheat is a new industry, and wheat growing is still largely confined to other older varieties that do not yield as bountifully. Some of these we have records before us of yields of from 30 to 40 bushels to the acre, others 35, some 30, and others again from 25 to 30 bushels, and some farmers report that amount, it is found that the return from oats, yields from 60 to 81 an acre. This wheat will cost to get to market, including the expense about $8 an acre, and the farmers will still have a net profit of about $37 an acre. Certainly the province of Alberta, Saskatchewan and Manitoba are prepared to attract the increasing and there is a general contentment all over the country. The social conditions are splendid, the climate is excellent, and there is every condition for having good times. At the farthing congress, held at Spokane in October, where was held the Alberta Government, took the silver cup, awarded by the Canadian Pacific, as it completely outclassed all other specimens on exhibition, and was from the crop of ordinary farms, hundreds of fields in Alberta and Saskatchewan being able to display such. There are still available thousands of homesteads, as well as large areas of first-class land in the hands of speculators for sale at low prices. The agent of the Canadian Government, whose name the above facts have been learned expects that the rush to Canada will start early next spring, and the sunshine, who have gone this year.

Does Your Cat Cough?

Poor people are the tremendous charges against her of keeping us awake o' nights and of earning money to whatever she gets the chance were not enough, the doctors have discovered that her cough is also has been responsible for the spread of tuberculosis. Dr. Lewis, of Manchester, England, having traced an epidemic of this disease to the cough of his cat to a pet cat belonging to one of his patients, has found, after extensive experiments, that the cats are peculiarly susceptible to diphtheria and tuberculosis of the throat. He has therefore recently been warning all people who own cats to treat them carefully, and, if they develop coughs, to forbid their being hugged and petted. Dr. Lewis further recommends that if the cough persists and the cat begins to grow thin to have the animal destroyed at once. The cat's early safe way, he says, is to let the first wheeze be pussy's death warrant.

Russia's Growing Population.

This year's census of the Russian empire adds another five millions to the population as estimated in 1908. The czar's subjects now number 160,000,000 and increases every year by 2,500,000 despite war, epidemics and internal disturbances. As there is no land to spare for the new mouths there seems no reason why this big annual increase should not continue.

Fulfillment.

"Two great desires of my life have been gratified. One was to go up in an airship."

"And the other?"

"To get safely back to earth."

To Oblige Him.

Mr. Dorbins—You're always bound to have the last word, anyway.

Mrs. Dorbins—Well, I don't believe you always wait to hear me say it.

The Human Heart

The heart is a wonderful double pump, through the action of which the blood stream is kept sweeping round and round through the body at the rate of seven miles an hour. "Remember then, that our bodies will last stand the strain of over-work, without good, pure blood any more than the engine can run smoothly without oil." Where many years of study in the active practice of medicine, Dr. R. V. Pierce found that when the blood was thick and clogged with impure and there were symptoms of general breakdown, a tonic and invigorating effect of certain roots was the best corrective. This he called

Dr. Pierce's Golden Medical Discovery

Being made without alcohol, this "Medical Discovery" helps the stomach to assimilate the food, thereby curing dyspepsia. It is especially adapted to diseases attended with excessive bowel weakness, including the various fevers, for thin-blooded people and those who are always "catching cold."

Dr. Pierce's Common Sense Medical Adviser is sent on receipt of 21 cent stamps for the French cloth-bound book of 1008 pages. Address Dr. R. V. Pierce, No. 663 Main Street, Buffalo, N. Y.

THE JOCULAR CLERK.

Customer (in grocery store)—Are those eggs on this counter fresh?

Clerk—Yes, ma'am.

Customer—How long have they been laid?

Clerk—I laid them there myself, ma'am, 20 minutes ago.

What Rational Accomplishes is Truly Wonderful.

I frequently have patients who are troubled with skin eruptions, and have taken occasion to recommend Resinol, that in some cases the cures have seemed miraculous, and had I not seen them both before and after, would scarcely have believed them true. One lady told me that she had spent over $100 in various remedies, and was cured with one 50 jar of Resinol. It is truly a wonderful cure for eczema and other itching troubles.

F. M. Stevens, D. D. S., Dover, N. H.

Literary Accuracy.

"You write of Cupid as stealing home in the darkness," said the editor.

"Yes," replied the author.

"Well, you ought to know better than that. He couldn't steal home in the dark. If it was dark enough to be doing anything the game would have been called."

No matter how long your neck may be it will not reach the Golden Fleece. Wool Oil will cure it surely and quickly. It drives out all inflammation and weakness.

There is no playing fast and loose with truth, in any game, without growing the worse for it.—Dickens.

Dr. Pierce's Pellets, small, sugar-coated, easy to take as candy, regulate and invigorate stomach, liver and bowels and cure constipation.

We could all live on nothing if our friends would but live on less.

Hire Wanted—Experienced Salesmen. Permanent position, selling the only tobacco in the world guaranteed to cure the habit. Address Tobacco Specialist, Box 1, Atlanta, Ga.

It's a pity that more sermons are not as deep as they are long.

44 Bu. to the Acre

In a heavy yield, just what's what John Kennedy of Manchester, Man., got from his 160 acres of Spring Wheat in 1910. Reports of 40 bushels per acre are not uncommon in Western Canada. Land can be had cheap, and on easy terms, in the Canadian West. Homestead lands are now all taken, but there are thousands of acres of fine farm lands, including hundreds of homesteads, to be had at from $10 to $15 per acre. Write for literature, rates, and particulars to Superintendent of Immigration, Ottawa, Canada, or to the Canadian Government Agent.

The Silver Cup

is the result Spokane Farmers Exhibit at the Spokane Land Show, and represents the best in agriculture, grain, grass and vegetables. Hundreds of other prizes were won by Western Canada farmers at the Spokane Land Show, including hundreds of prizes for grain, grass, vegetables, poultry, bees, honey, building material, and a complete exhibit of Western Canada products, which received highest honors. Write for literature, rates, and particulars to Superintendent of Immigration, Ottawa, Canada, or to the Canadian Government Agent. (46)

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I have discovered a great egg producer. Will send a sample for 25 cents. Also a valuable poultry fairies information. I prove it by sending my successful method on 15 days' trial, you don't have to pay if not satisfied. Send for it TODAY to Mrs. L. Alley, Box 5, New Hadrid, Ma.

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Cut out cathartics and purgatives. They are bad for the bowels.

CARTER'S LITTLE LIVER PILLS

Purely vegetable. Act gently on the liver. Cure sick headache, biliousness, indigestion, constipation, dizziness, coated tongue, pain in the side, etc.

CARTER'S LITTLE LIVER PILLS

Bill Bankside and Adjustable Clasps. Small Pill, Small Dose, Small Price

Genuine must have Signature

GET A HOME IN ALABAMA

Alabama is one of the very few South States which still remains in school for sale by the owner to desirable people. Write for free illustrated booklet. Lands are over 200 an acre. Write for full information now. Address Land Agent, Box 1, Birmingham, Ala.

H. K. MILNER Hawthorn, Alabama.

Free Homestead for All in Western Canada. Right now is the time to make your plans to take a homestead. Free to all kinds of farmers. Write for 1911 Hdc. with maps, rates, etc. Also for 1911 Hdc. of reclamation. Early Bird of Grain, Fruit, Alfalfa, Stock & Poultry, Early Bird of Grain, Fruit, Alfalfa, Stock & Poultry.

EXCELLENT CORN LAND BARGAINS. Write for free illustrated list. Lands in Southern Minnesota are the best in the world. Excellent crops at the moderate price of $50 per acre. Write for free illustrated list. Address Land Agent, Box 1, Birmingham, Ala.

COME TO THE WHEAT AND CORN BELT. Thousands of farmers from Iowa, Illinois, Indiana, Ohio, Nebraska, Kansas, Missouri, Dakotas, etc., are now improved $50 an acre improved $100 an acre and upward. Write for free illustrated list. Address Land Agent, Box 1, Birmingham, Ala. We sell land not climate.

WYOMING LAND—Sec. section, good and fine, $1,000 cash, balance 10 years. Also 1 section, 1 mile from Cheyenne