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 than the one in which they were farrowed, I penned up a little corner of the cow stable in which were kept at night 30 head of cattle. The building was 35 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 bedding put in every day. Those pigs grew 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 about freely 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 over-feeding, 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 over-feeding 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 tree growth of the woodlot should be encouraged in every possible way. All dead wood should be conscientiously removed and added to the woodpile. It will serve well as excellent 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 deadwood 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, if 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 at making the most rapid growth at the start; thus holding their own at the expense of their competitors. There are weeds among trees, as well as among plants.

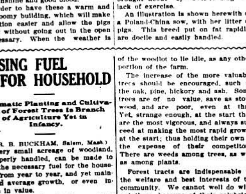
Forest tracts are indispensable to the welfare and best interests of the community. We cannot well do without them, because of their salubrious influence upon the climate, their conservation of the supply of moisture, and their value for purifying the atmosphere, to say nothing of their commercial value.

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 is 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 63. 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, Monday 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 into consideration all 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's report will be prepared for the full committee at once, and the report will be sent to the senate within a short time.

The charge that Senator Lorimer had purchased his seat in the United States senate was first made publicly when the confession of Charles A. White, a member of the Illinois legislature from O'Fallon, was published on April 30, 1910. The names of Robert E. Wilson, Lee O'Neil Browne, H. J. C. Beckemeyer and Michael Link were mentioned as having been involved in the purchase of the senatorial toga. White confessed that he had been paid $1,000 for his Lorimer vote by Lee O'Neil Browne, the minority leader in Springfield. White himself was a Democrat, and Senator Lorimer had been elected by a combination of Democrats and Republicans.

Immediately after the publication of the story all the legislators involved were summoned to the state's attorney's office in Chicago. Under a grilling examination lasting several days and under the threats of prosecution on perjury charges, confessions of the truth of White's charges were gotten from Link and Beckemeyer. An indictment was returned at once in Cook county charging Lee O'Neil Browne with bribery, and another indictment was returned in Sangamon county carrying a similar charge against State Senator John Broderick.

Robert E. Wilson was also indicted for bribery and Joseph Clark of Vandalia was indicted on a charge of perjury, he having denied receiving any portion of the money alleged to have been paid him for the Lorimer vote. The indictments against Broderick, Wilson and Clark are still pending in Cook and Sangamon counties.

Lee O'Neil Browne was tried twice in the criminal court of Cook county. The first time the jury disagreed and the second jury returned a verdict of not guilty.

JUSTICE WHITE NOW CHIEF

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

Washington.—President Taft Monday sent to the senate the nomination of Associate Justice Edward Douglass White to be chief justice of the United States Supreme court and the senate immediately confirmed it. The president also sent in the following nominations:

To be associate justices of the United States Supreme court, Judge 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 District judge for the middle district of Pennsylvania, term of four years.

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

John Emmett Carland of South Dakota, term of two years.

Julian 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 the Western Canada collieries at Bellevue, Alberta, say 26 bodies have been recovered. One of these is the body of Fred Aulderson 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 Threshers, 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 selected from various points throughout Manitoba, Saskatchewan and Alberta show that the farmers there as a rule have had reason to be thankful over the results. 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 Marque's wheat—a new variety and one that appears to be well adapted to the soil and climate of Western Canada—that yielded 53 bushels 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 the highest prices obtainable for a first-class article. It is interesting to point out that a field of one hundred acres of this wheat would give its producers 5,300 bushels. Sold at 85 cents a bushel would give him $45 an acre. Counting all the cost of interest on land at $20 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 net profit of $37 an acre. Is there any crop that would yield a better return than this, with the same labor and initial expense? Cotton fields will not do it, apple orchards with their great expense of cultivation and the risk to run from the various enemies of the fruit cannot begin to do it. While what is considered an exceptional case just now is presented, there is no doubt that this man's experience may be duplicated by others who care to follow his example. As has been said the growing of this wheat is but in its infancy, and wheat growing is still largely confined to other older varieties that do not yield as abundantly. Even with these we have records before us of farmers who have grown 40 bushels to the acre, others 35, some 30, and others again 25 bushels. Taking even 20 bushels, and some farmers report that amount, it is found that the returns from such a yield would be $17 an acre. This wheat will cost to get to market, including all expenses, about $8 an acre, and the farmers will still have a net profit of about $9 an acre. Certainly the provinces of Alberta, Saskatchewan and Manitoba are progressing, settlement is 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 to make the settler satisfied. At the farming congress, held at Spokane in October, wheat shown by the Alberta Government, took the silver cup, awarded by the Governor of the State. It completely outclassed all other specimens on exhibition, and it was but an ordinary selection, hundreds of fields in Alberta and Saskatchewan being able to duplicate it. There are still available thousands of homesteads, as well as large areas of first-class land—that is being offered for sale at low prices. The agent of the Canadian Government from whom the above facts have been learned expects that the rush to Canada will next year largely exceed the numbers who have gone this year.

Does Your Cat Cough?

Poor pussy! As if the immemorial charges against her of keeping us awake o' nights and of eating canary birds whenever she gets the chance were not enough, the doctors have just discovered that for years she has been responsible for the spread of diphtheria. Dr. G. J. Awburn of Manchester, England, having traced an epidemic of this disease in a suburb of that city to a pet cat belonging to one of his patients, has found, after much clever investigation, that all cats are peculiarly susceptible to diphtheritic affections of the throat. He has therefore recently been warning all families who own cats to watch them carefully, and, if they develop coughs, to forbid their being hugged and petted. Dr. Awburn further recommends that if the cough persists and the cat begins to grow thin to have the animal destroyed at once. The only really 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 enumerated in 1908. The czar's subjects now number 160,000,000 and increase every year by 2,500,000 despite wars, epidemics and internal disturbances. As there is no lack of cultivated soil in Russia there seems no reason why this big annual increase should not continue.

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"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. Dorkins—You're always bound to have the last word, anyway.

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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 tissue waste, notably in convalescence from 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 31 one-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 that counter fresh?

Clerk—Yes, ma'am.

Customer—How long have they been laid?

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

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I frequently have patients who are troubled with skin eruptions, and have taken occasion to recommend Resinol, and 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 50c jar of Resinol. It is truly a wonderful cure for eczema and other itching troubles.

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Literary Accuracy.

"You write of your hero 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 worth noticing the game would have been called."

No matter how long your neck may be or how sore your throat, Hamlins Wizard Oil will cure it surely and quickly. It drives out all soreness and inflammation.

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

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

Mrs. Winslow's Soothing Syrup. For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

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

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Cut out cathartics and purgatives. They are brutal—harsh—unnecessary. Try

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Small Pill, Small Dose, Small Price

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TU-BER-KU—Worth its Weight in Gold. [illegible]

44 Bu. to the Acre

is a heavy yield, but that's what John Kennedy of Edmonton, Alberta, Western Canada, got from 40 acres of Spring Wheat in 1910. Reports from other districts in that province showed other excellent results—such as 4,000 bushels of wheat from 120 acres, or 33 1-3 bu. per acre. 25, 30 and 40 bushel yields were numerous. As high as 132 bushels of oats to the acre were threshed from Alberta fields in 1910.

The Silver Cup

at the recent Spokane Fair was awarded to the Alberta Government for its exhibit of grains, grasses and vegetables. Reports of excellent yields for 1910 come also from Saskatchewan and Manitoba in Western Canada.

Free homesteads of 160 acres, and adjoining preemptions of 160 acres (at $3 per acre) are to be had in the choicest districts.

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Write as to best place for settlement, settlers' low railway rates, descriptive illustrated "Last Best West" (sent free on application) and other information, to Sup't of Immigration, Ottawa, Can., or to the Canadian Government Agent. (88)

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Free Homesteads for All in the most fertile districts in Western Canada. Railroads running through it in every direction. You can obtain land within a few miles of a siding at $1.50 per acre by South African Scrip. Yields this fall, oats, 50—75 bushels to the acre, wheat [illegible]. For free literature, maps and full information, write Sallee & Woodward, Sec'y Board of Trade, Prince Albert, Sask.

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