

Greater Farm Efficiency

Choosing a Useful Draft Horse

By PROF. A. ALEXANDER, Wisconsin College of Agriculture

FROM THOSE THAT KNOW HER

Mrs. Mulcahey Had References That Could Leave No Doubt as to Their Genuine.

"Bridget had successfully measured up to all the other theoretical requirements of Mrs. Mulcahey, and that good little lady was on the point of engaging her as cook and general houseworker, when some references flashed across the young housekeeper's mind.

"I like your looks," she said, "and everything about you and your family, Bridget, fits in with the exact requirements of Mr. Honeymoon and myself. The wages you ask seem reasonable, and we are perfectly willing to pay them, but, of course, I must have something in the nature of a reference before finally deciding to suppose you have something of that kind."

"Oh, yis, mum," replied the candidate, "surely I wouldn't be 'a' shakin' anybody to taak me without me riteerence."

She dived deep down into the pocket of her dress and after considerable fumbling about therein managed to fish up a much-worn old envelope, from which she extracted a piece of paper. This she handed to Mrs. Honeymoon.

With some difficulty Mrs. Honeymoon deciphered the slightly crumpled epistle to which it might concern, as follows:

"This is too sorry that Bridget Mulcahey has been engaged by the undersigned as Cook and general houseworker for the last year, and we have found her always kind and obliging, and we are perfectly willing to recommend her to anybody wanting such a person engaged as she is.

(Signed) Mrs. Mulcahey.

"Anny Mulcahey."

"That's just the way," said Mrs. Mulcahey, reading this document as she finished reading this document. "Well," she said, a trifle embarrassed, "that certainly is a good reference, but I don't know who these people are who signed it."

"Oh, they're all right," smiled Mrs. Mulcahey. "They're me own children, and I'm sure they'll be glad to give for ever since we landed from our country."

The Man With the Umbrella. A taxicab's adventure during a Paris strike is told by a Paris correspondent. The artist is renowned for his soberfulness and his habit of taking by a downpour of rain near dinner time, he took refuge in a doorway.

There was no tax to be paid, and the faces that passed were full, and there was no prospect of the rain abating. At the moment a gentleman, who was dressed in a long, large umbrella, the sculptor saw his opportunity, shook hands with the stranger and installed himself under the umbrella, which he held over his head.

Probably the greatest disadvantage in the cot is the large amount of work required to tend the stock. This is especially so in small farms. There are usually no windows, so there is no sunshine or light when the stock is in the cot. The cot is, however, no reason why windows and ventilation should not be provided. The open roof which is commonly used places the pigs in more danger of being chilled by cold winds and sudden storms when the attendant is well. Unless the cot is unusually well built, it is not so much more difficult to keep warm in very cold weather than the large house.

The main advantage in the large house lies in the convenience with which the stock can be tended and the short time required to see all the animals. It is somewhat more easy to keep warm, and is more comfortable if artificial heat is required. During cold days the pigs can get the sunshine, if there is any, without any expense whatever.

The variety of individual hog houses is greater, if anything, than that of large houses, but they are readily adaptable into two general classes: the A-shaped cot, and the various cots with perpendicular sides. The A-shaped cot is quite satisfactory when well built and provided with a window and ventilating door, but generally these are lacking. Nearly all of the cots have a perpendicular side, and have doors in the roof or in the south side to be opened in sunny weather. It is easier to care for sows in these houses than in the A-shaped cots. All cots should be built on skids.

One of the illustrations shows an A-shaped cot. All the walls are double, being sheathed on both sides and covered with flooring. The doors are also double. These cots cost about \$40 each. Less substantial cots of the same shape may be built for much less money.

Another of the illustrations shows a type of cot in use in southeastern Pennsylvania. The whole south side is covered with flooring. The doors are also double. These cots cost about \$40 each. Less substantial cots of the same shape may be built for much less money.

Method Depends Wholly on Age—Good Ration for Young Calves.

The feeding of cattle depends upon the age and the future of the animal. If fed for market a liberal supply of palatable food is necessary. If for breeding holding through the winter, feed the coarser, cheaper feeds. Cattle to be grazed during the summer will do the best if not turned on the grass too fat. The change of feed retards the rate at which the animal gains to put on this surplus of fat is lost.

Calves should be the best roughage available. They should be given palatable and nutritious foods to keep them at their maximum growth until they are put on the grass. When the calves are from six to twelve months old they should not be fed the coarser feeds. A good daily

ADVANTAGES OF LARGE HOUSE AND INDIVIDUAL HOG PENS

Many of the Best Swine Raisers are Now Providing Themselves With Both Types of Shelter and This Seems to Be Most Satisfactory Method—Problem of Securing Best Floor for Animals.

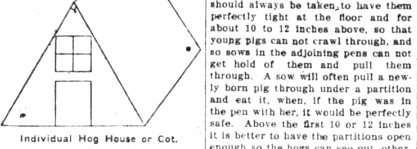


Practical Floor for Hog Houses.

(By J. A. WARREN, United States Department of Agriculture.)

Whether the large house for swine with individual pens is better than the individual cot is an open question, perhaps largely a matter of individual preference. Each has its distinct advantages which can not be secured in the other. Many of the best hog raisers are now providing themselves with both types of houses, and this seems to be the most satisfactory method. It is no more expensive in the long run, for all the buildings can be used in the year round. In such cases the large houses are used for farrowing quarters, and the cots as the pigs are a week or two old, or as soon as the weather permits, the sows and litters are removed to the individual cots during the remainder of the year the large houses are utilized for sleeping quarters.

The small cot has the advantage of keeping each sow from the annoyance of the others, and lessens the danger from contagious and infectious diseases. The disturbance in a large cot, however, is usually not a serious matter and is often unduly emphasized. After the pigs get a little start there is usually more or less trouble when the sows are crowded. The individual cot lessens this trouble.



Individual Hog House or Cot.

When the surroundings become insubstantial, the cot can usually be moved to a clean place.

Pig rails or guardrails should be placed on the inside of the pen, from 10 to 12 inches above the floor, according to the size of the sow, and should stand out 6 or 8 inches to prevent the sow from mashing the pigs against the wall.

It will be found convenient to have the alley gates removable by lifting out. It is sometimes helpful, also, to have part or all of the partition fences removable. All partitions should be 20 to 36 inches high.

Six by 8 feet is generally found to be a very satisfactory size for pens. If feed is to be in the pens in order to give room to feed and water without getting the bed befouled. Very large pigs, however, and sometimes kept by breeders, may need more room, but the producer of pork will not need a larger pen. Small sows do not need much room, and it might be good economy to make half of the pens 5 feet wide. Pigs by 8 square will accommodate a small sow very well.

Hog doors should be 22 to 23 inches wide and 30 to 31 inches high in the clear. In cold weather a piece of bur-lap or ducking hung from the top of the hog door, with a stick 1 1/2 inches shorter than the width of the door nailed across the bottom to prevent the wind from blowing it back, will help materially to keep the pigs warm. The pigs should not be allowed to enter when they want to go through. The board doors in cots would not then need to be closed except in very bad weather, or while the pigs are very small.

Size of Incubator. Never buy an incubator of less than 100-egg capacity. Two hundred is better and costs but a trifle more to run it.

Celery Growing. The grower of celery plants should be aware that although this is a hardy plant it requires as much heat in the hotbed or cold frame as tomatoes. If the plants are started in a hotbed, they should not be taken out of the cold frame too soon. Low temperatures will not only injure the plants but may force them to grow later after setting in the field. When set in the frame they should have as much heat as tomato plants.

Timothy and Clover. Timothy has suffered so many hard frosts at the hands of our teachers of agriculture that it is a pleasure to see a few real farmers getting it. Clover is all right for the man who farms level land in a short rotation; but farmers on hills must have meadow grass that will stand up to the year haven't found anything yet equal to timothy.

TWO WEEKS' TREATMENT AND MEDICINE FREE

Edward D. Esterson, one of the biggest manufacturers of taking medicines in the world, has an idea that everybody is as much interested in grand opera as he is. He gives weekly concerts at his home and makes his secretary, who is also a very famous nationalities, listen to them. One Swedish housemaid gave signs of intense satisfaction at hearing a particularly fine record by the great soprano, Lina Cavalotti.

"Do you like that?" asked Mr. Esterson, all puffed up because his grand opera had made a big hit.

"Ay, tink it bane grand," replied Alma. "It sound to me just lak de way de green cock de cry lak, when bosman it,"—Popular Magazine.

The Army of Constipation

Is Growing Smaller Every Day. CARTER'S LITTLE LIVER PILLS are responsible—they're not only give relief—they prevent a recurrence. Buy a box of 25 Pills today. It costs nothing to try them for Blumens, Indigestion, Sick Headache, Sallow Skin, SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature.

Garfield T. Fox, for the ill resulting from impure blood is remedy of liver disease. Drink before reading.

Many a man is dissatisfied with his lot because it is too near his neighbor. "Pink Eye" is Evident in the Spring. Try Murtie Eye Remedy for Reliable Relief.

If a man saves money it is because he is kept too busy to spend it.

Mr. Whalow's Mooling Syrup for Children. Whalow's Mooling Syrup for Children. Whalow's Mooling Syrup for Children. Whalow's Mooling Syrup for Children.

What the world needs is less good advice and more good example.

A BLOOD MEDICINE WITHOUT ALCOHOL. Recently it has been definitely proved by experiments on animals that alcohol lowers the germicide of the blood and that alcohol paralyzes the blood corpuscles of the blood and renders them unable to take up and destroy disease germs. Disease germs cause the death of over one-half of the human race.

A blood medicine, made entirely without alcohol, which is a pure glyceric extract of roots, such as Bloodroot, Queen's root, Golden Seal root, Mandrake and Stone root, has been extensively used for the past forty years as Dr. Pierce's Golden Medical Discovery. The refreshing influence of this extract is Nature's influence—the blood is bathed in the tonic which gives life to the blood—the vital force of the body has brighter and more animated activity because the tissue rubbish which has accumulated during the winter.

Dr. R. W. Pierce, the founder of the Louisiana Hotel and Surgical Institute, and a physician of large experience, was the first to make up an ALTERNATIVE EXTRACT of roots, without a particle of alcohol or opium.

"It is with the greatest pleasure that I write to let you know of the great benefit I received from the use of your medicine and which has cured me of a chronic disease of the liver. I was cured in three years from a running sore. Consulted four doctors but failed to get any relief. I was told to get a bottle of your medicine and would have to consult a specialist concerning my case, but the fact that I had been cured by your medicine was so well known that I advised me to write to Dr. Pierce, which I did, and after seven months of the treatment of your medicine, I was cured. I can now say that I am well. I dressed the wound with Dr. Pierce's Anti-Itching Ointment and the same medicine. I shall always recommend your medicine."

Dr. Pierce's Pleasant Pellets regulate liver and bowels.

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Timely use of Beecham's Pills. This valuable vegetable, and always efficient remedy will clear your system, regulate your bowels, stimulate your liver, tone your nerves, improve your complexion, and give you vigor and vitality, as well as to buoyant spirits—after you know you use.

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TIME AND MONEY

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Gal-vanite Roofing
Triple Asphalt Coating—Mica Plated. Needs no Paint—No after-treatment. First Coat—Last Coat. Ready to lay—Ready to wear. No skilled labor required. Suitable for any kind of building. Put up in rolls of 100 sq. ft. with galvanized nails, cement and adhesive.

Gal-vanite Flooring
A perfect imitation of oak over old soft wood floors, giving the appearance of the finest quartered oak. Take the place of unsatisfactory carpet—lustrous, durable, and easy to clean. Large rugs and for interior finish. Durable, sanitary and inexpensive. Put up in rolls 36 inches wide—sold by the yard.

Gal-vanite Plaster Board
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