QUALITIES TENDING TO MAKE IDEAL FOUNDATION

Many Points to be Considered When Selecting Boar for Head of Herd-Pay Attention to Reproductive Organs.

(By E. E. HENDERSON.) or for that matter any kind of stock, the first thing to be considered is the animals that are to be used as a foundation, for, as a building cannot be well builded on a poor foundation, so no herd can be well founded upon a poor foundation.

The writer had the point thrust upon him, and with much force, several years ago. When founding our breeding herd we bought what would be classed as the moderate quality sort We had these for some time, but from time to time we added more desirable animals, and the progeny was left in

This went on until now our herd is composed of the offspring of the better type of animals we bought, those of our first purchase being discarded entirely. There were years of patient, careful work thrown away, all because of a poor foundation.

Next to the foundation the most im-

portant thing is the kind of boar we

It is impossible to maintain a good

quality in a single cross. quality in a single cross.

It is much better to have a poor herd of sows and select good boars

gish disposition.

The hog must have, above all else, a good digestion and assimilative

but of what use is a superb form In the starting of a herd of swine, and quality in a sire if his offspring r for that matter any kind of stock, them to market?

Size is something that, until lately, has been somewhat neglected. The size demanded by the best breeders is just the size that, when mated with his sows, will make the pigs that will make the greatest growth in the least time, and that at the least possible expense of feed. The actual size will depend upon the feed, size of the mother, etc. However, I think that from 600 to 800 pounds at maturity is not far wrong.

The next consideration is what is believed by many to be the very most important. This is the bodily conformation. If the hog is to live at all it must have a good, strong set of vital organs—by these I mean heart and lungs. The surest indication of these is a deep body well-set, broad chest and a broad heart girth. In other words a deep chest and a set of wellsprung ribs. The nose, too, should be broad and the nostrils full, giving large openings for breathing.

The head should be broad, indicatherd of swine unless we use boars of superfor merit. The old story that the boar is half the herd is only half true, boar is half the herd is only half true, for if he is a poor animal he is the whole herd—that is, he will ruin its



than to have a good herd of sows and | tract, therefore, he must have a large use inferior boars, for in the first case and broad back, a full underline and a the herd will become better with each flank to give room to the organs and succeeding cross, while in the other the herd will become worse and

The first thing of all is to pay particular attention to the reproductive and wide boar.

organs, for without these properly The boar should have a long, broad organs, for without these properly placed the boar is of little use. The testicles should be of good size, even in size, and evenly placed.

The next important thing is the feet and legs. An animals that has bad legs, crooked or badly down at the pastern should be rejected, because he is apt to transmit this ten-dency to his offspring and of what

Perhaps this is a novel doctrine, its capacity.

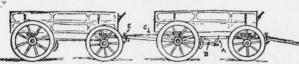
a strong, well-arched back to carry them.

The kidneys should be strong and active; therefore, we want a strong

rump, well carried out to the tail, and a heavy ham to help maintain symmetry and balance the weight in the middle of the body in front of the

rear legs. The hog is to be considered solely as a pork-producing machine, there-fore, what he wants is a good, powerdency to his offspring and of what house—the lungs and heart, a good grinder, with a large capacity, the mouth wider, the mouth, the greater

PREVENTS WAGONS JAMMING



Hun tongue of rear or trailer wagon under lead wagon with about two feet between the beds. A is a chain or wire which passes through or around the coupling pole, to which tongue of the coupling pole is the coupling pole in the coupling pole in the coupling pole is a log chain. Bring it around coupling pole just in front of rear axle at D and around wagon hammer E. The the coupling pole, to which togged by trailer wagon should be connected by means of a clevis through the loop in about half way from the bed to the end of tongue, writes S. M. Konkel in ground. If too close to bed it is likely Missouri Valley Farmer. B is another to be broken by hind wheels dropping chain or wire around the coupling pole into a deep rut and if too far away is also with the clevis in the loop at end | obstructions.

Run tongue of rear or trailer wagon | of tongue. This is a holdback to preof hound plate and connecting likely to be broken by running against

MEAT MEAL

Poultry Feed in Dried Form is mixed with the meat, and this must Made From Hotel Scraps, Slaughter House Refuse, etc.

(By S. C. VALENTINE.)

Poultry meats in the dried form are made from hotel scraps, broken-down animals, slaughter-house refuse, fertilizer tankage, etc. In every case, test people used boiled liver twice a there is chance that the ma- week and no other meat. terials become tainted before cooking. with a resulting high flavor if no worse. In addition to this it is the case that various brands differ so much in quality that it is necessary to be familiar with the brand or to have accurate information respecting it or one cannot feed it intelligently.

One popular brand claims a guaraneed analysis of 40 per cent. I sent samples of another which did not guarantee an analysis to our experiment station and it was reported to carry 60 per cent. of protein. The brands differ widely in fat content also. There is one brand of dry poultry meat on the market which is supposed to be composed of liver only. One would expect it to be highly protein. I do not bred in Ohio in 1902, and was sold to think that this is claimed for it, how- a syndicate for \$5,000.

Theoretically it ought to furnish the very best of poultry meat, but it is very hard to distinguish from OFTEN RANCID but it is very hard to distinguish from dirt when ground and this is true of some other brands as to the finer por-tions. Often, too, there is wool or hair be detrimental.

Poultry keepers are rather keen for hazlets, which are never in large supply in our locality. In these they get liver, with other meat and some waste. The largest poultry farm I ever visited used hazlets, boiling them and mixing the mash with the hot liquid in which they were boiled. The Australian conthey were boiled.

This is not heavy feeding, apparently, yet they got results so good that 35 out of 600 were lost "from excessive laying," and if I understand the language of the report the heat deaths also had this trouble as a basis. One may get deodorized bloodmeat and avoid the fat, bone and strong odor objections to the ordinary meal, but this is so very concentrated that many think it unwise to use it.

Famous Boar Dead.

Tip-top-Notcher, the famous Duroe Jersey boar, the winner of the first premium at the St. Louis exposition HEDGING.



Visitor-Yes, I think this painting of yours, "The Old Mill," is a wonderful painting; a great work of art! Artist-Thank you, sir! Perhaps you

might wish to buy it!

Visitor—Why—er—er—well, yes! I'll give you three dollars for it if you'll throw in a nice frame!

LEG A MASS OF HUMOR

"About seven years ago a small abrasion appeared on my right leg just above my ankle. It irritated me so that I began to scratch it and it began to spread until my leg from my ankle to the knee was one solid scale like a scab. The irritation was always worse at night and would not allow me to sleep, or my wife either, and it was completely undermining our health. I lost fifty pounds in weight and was almost out of my mind with pain and chagrin as no matter where the irritation came, at work, on the street or in the presence of company, I would have to scratch it until I had the blood running down into my shoe. I simply cannot describe my suffer-ing during those seven years. The pain, mortification, loss of sleep, both to myself and wife is simply indescribable on paper and one has to experience it to know what it is.

"I tried all kinds of doctors and remedles but I might as well have thrown my money down a sewer. They would dry up for a little while and fill me. with hope only to break out again just as bad if not worse. I had given up hope of ever being cured when I was induced by my wife to give the Cuti-cura Remedies a trial. After taking the Cuticura Remedies for a little while I began to see a change, and after taking a dozen bottles of Cuticura Resolvent, in conjunction with the Cuticura Soap and Cuticura Ointment, the trouble had entirely disappeared and my leg was as fine as the day I was born. Now after a lapse of six months with no signs of a recurrence I feel perfectly safe in extending to you my heartfelt thanks for the good the Cuticura Remedies have done for me. I shall always recommend them to my friends. W. H. White, 312 E. Cabet St., Philadelphia, Pa., Feb. 4 and Apr. 13, 1909."

Reflections.

The beautiful home was crowded ith people assembled to honor the distinguished guest.

But the explorer soon tired of the attentions, and as he leaned his arm against a pillar, he allowed himself to be transported back to the scene of

his triumph.
"Such a waste," he mumbled, audibly, staring into space, "such a waste, such a waste."

Why so many stout ladies left the house in indignation, the hostess was unable to learn .- Sunday Magazine of

the Pittsburg Dispatch.

Will Have to be More Careful. There is an Artemus Ward Jr., a New York assemblyman, who is said to be a wit like his famous namesake. On a recent occasion he nominated Ward F. Clute of New York city for head doorkeeper, but forgot the

and had to rise again to rectify his mistake. It is to be hoped his reputa-tion for wit does not rest solely on this occurrence

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it Bears the Signature of Castoria and Sig

In Use For Over 30 Years. The Kind You Have Always Bought.

Impaired Dignity. Why is a man never a hero to his

"Probably because his valet sees him in the slippers, smoking cap and lounging jacket that he got for Christ-

mas."-Washington Star. When Rubbers Become Necessary And your shoes pinch, shake into your shoes Allen's Foot-Ease, the antiseptic powder for the feet. Cures tired, aching feet and takes the sting out of Corns and Bunions. Always use it for Breaking in New shoes and for dancing parties. Sold everywhere 25c. Sample mailed FREE, Address, Allen S. Climsted, Le Roy, N. Y.

Unkind Husband.

Mrs. Myler.—You say your husband is unkind to your pet dog?
Mrs. Styles.—Indeed he is! Why, he absolutely refuses to let Fido bite him!-Yonkers Statesman.

When Woman Is in Politics. "The city fathers voted"—
"You mean the city fathers and mothers."-Judge

Rheumatism Cured In a Day. Dr. Detchon's Relief for Rheumatism remarkable, It removes the cause and the disease quickly disappears. First dost greatly benefits. 75c Druggists.

And the more a woman knows about men the less she has to say on the sub

ONLY ONE "BROMO QUININE."
That is LAXATIVE BROMO QUININE. Look for
the signature of E. W. GROYE. Used the World
over to Cure a Cold in One Day. 25c. The more expensive a thing is the

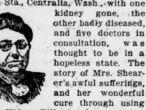
easier it is to get along without it. EXPOSURE TO COLD and wet is the first step to Pneumonia. Take Perry Davis' Painkiller and the danger is averted. Unequaled for colds, sore throat, quinsy, 25c, 35c and 35c

And a lot of good resolutions ar manufactured the morning after.

THE SHADOW OF DEATH

Remarkable Recovery of a Washington Woman.

Mrs. Enos Shearer, Yew and Washington Sta., Centralia, Wash., with one kidney gone, the other badly diseased,



Doan's Kidney Pills, is a long one, but will interest any sufferer with backache or kidney trouble, and Mrs. Shearer will tell it to any one who writes her, enclosing a stamp. "I am well and active, though 65 years old, and give all the credit to Doan's Kidney Pills," says Mrs. Shearer.

Remember the name-Doan's. For sale by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

Worth Keeping.
"John, do you recognize this hat?" "No, I can't say that I do. It looks

rather dilapidated." "Yes. I have been keeping it as a dear memento. I was wearing it when you and I first met. That was 11 years

"I hope you'll keep it always." It ought to conviace you that you must have been mighty good looking once. seeing that even with that thing on your head you caused me to fall in love with you."

STATE OF OHIO CITY OF TOLEDO:

LUCAS COUNTY.

FRANK J. CHEKEY makes oath that he is senior partner of the firm of F. J. CHENY & Co., doing business in the City of Toledo, County and State, aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH cure.

Sworn to before me and subscribed in my presence, this 6th day of December, A. D., 1886.

SEAL

NOTARY PUBLIC.

Italia Catarrh Cure is taken internally and acts

Hill's Catarrh Cure is taken internally and act directly upon the blood and mucous surfaces of the system. Send for testimonials, free.

F. J. CHENEY & CO., Toledo, O.
Sold by all Druggists, 75c.

Take Hall's Family Pilis for constipation.

A Gift to Bryn Mawr.

Miss Cynthia M. Wesson of Spring-field, Mass., has given \$7,000 to Bryn Mawr college. Miss Wesson, who was graduated from Bryn Mawr in 1909, was prominent in the athletic affairs of the institution, and her gift is to be expended toward the betterment of the swimming pool. All undergraduates are required to qualify as swim-mers, as the exercise is one of the most popular of the college sports.

He Owned Up.
"Own up, now. Who's the head of your family?"

"My wife used to be," admitted Mr. Enpeck, "but since my daughters are grown, we have a commission form of government."-Exchange.

No matter what his rank or position may be, the lover of books is the richest and the happiest of the children of men.-Langford.

Great Home Eye Remedy, for all diseases of the eye, quick relief from using PETTIT'S EYE SALVE. All druggists or Howard Bros., Buffalo, N. Y.

A girl is never satisfied until she has hypnotized some young man into telling her how handsome she is.

It is easier for men to get on financially than it is for women to get off a car forward.

PILES CURED IN 6 TO 14 DAYS, PAZO OINTMENT is guaranteed to cure any case of Itching, Blind, Bleeding or Protruding Piles in 6 to 14 days or money refunded. 500.

Anyway, a shiftless man can blame his wife for his failure to make good. HAVE YOU A COUGH, OR COLD? If so, take at once Allen's Lung Balsam and watch results. Simple, safe, effective. All dealers. Pop-ular prices—%c, 50c, and \$1.00 bottles.

Many-a doctor has saved a patient's life by not being in when called.

Mrs. Winslow's Soothing Syrup.
For children teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25ca bottle. Anything is wrong that is almost



wisely directed, will cause her to give to her little ones only the most wholesome and beneficial remedies and only when actually needed, and the well-informed mother uses only the pleasant and gentle laxative remedy—Syrup of Figs and Elixir of Senna-when a laxative is required, as it is wholly free from all objectionable substances. To get its beneficial effects always buy the genuine, manufactured by the California Fig Syrup Co.

BROWN'S **BRONCHIAL TROCHES**

An absolutely harmless remedy for Sore Throat, Hoarseness and Coughs, Give immediate relief in Bronchial and Lung Affections. Fifty years' reputation. Price, 25 cents, 50 cents and \$1,00 per box. Sample sent on request.

JOHN I. BROWN & SON, Boston, Mass.



DISTEMPER Shipping Fever & Catarrhal Fever

SPOHN MEDICAL CO., Bacteriologiste GOSHEN, IND., U. S. A.

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from grateful users have demonstrated that eruptions, inflammation and irritation of the skin, shingles, tetter, itching and inflamed piles, will promptly respond to the local application of

RESINOL

proof of the value of this remedy. 50c a jar, all druggists, or sent direct on receipt of price. RESINOL CHEMICAL COMPANY, BALTIMORE, MD. "It is as good for horses and dogs as for mankind."

W. P. Schmitz, Veterinarian, Hillsdale, Mass.

\$125,000 net from 1200 acres grapes. \$15,000 from 22 acres peaches. \$3,200 from 20 acres raisins, in the San Joaquin Valley, California

A cow and an acre of alfalfa will earn \$120 a year in the San Joaquin Valley.

Grapes will yield from \$100 to \$300 per acre; peaches and apricots, \$150 to \$500; while oranges will produce from \$250 to \$500, and in many instances more than \$1000 an acre. There are ten million arable and irrigable acres here. You still may buy unimproved land for \$50 an acre.

unimproved land for \$50 an acre.

Ten acres are enough to comfortably support a small family. Twenty acres afford a fine living, with money in the bank. Forty acres should make you rich.

Ten acres are enough to comfortably support a small family. Twenty acres afford a fine living, with money in the bank. Forty acres should make you rich.

You pay from one-fourth to one-third, down, halange easily can be paid for out of the crops.

Almost anything can be raised in the San Joaquin country—oranges and hardy potatoes. Products of the temperate and semi-tropic zones flourish side by side.

Plenty of water for irrigation drawn from the near-by Sierra snows. It is easy for one to make a start. Land between the rows can be used, while orchard is young, for many profitable crops. The point is to make every square foot bear something.

What some farmers have done:
Frank Thomas, of Fresno, Cal., bought twenty acres of land five, years ago. He had but \$300 to start on. Today his place is paid for and he has an income of over \$2,000 a year.

William Shrayer, R. F. D. 7, Fresno, Cal., bought his first ten acres six years ago. Now owns sixty acres all paid for, and refuses \$12,000 for his place.

M. F. Tarpey, of Fresno, owns vine-tyard of 1,200 acres, from which he takes an annual profit of \$125,000.

On the Harold estate, twenty-two acres of peaches yielded a \$15,000 crop.

More Free Homesteads

Secretary Ballinger has ordered 1,400,000 acres of choice land thrown open to settlers under the homestead laws, on and after March 1, 1910. This land is mostly level or rolling prairie and is covered with a heavy growth of wild grass. The soil is a brown clay loam. This land lies in Valley County,

Eastern Montana

It is known to be very fertile and wherever farming has been carried on, good yields of wheat, oats, rye, barley, flax, alfalfa, hay, potatoes and even corn have been obtained. The land is free under the homestead laws. No registration—no drawing. No long waits and disappointments as is the case with the lottery system. No expense-except the few dollars for filing fee.

The Great Northern Railway is now building a branch line through the very heart of the tract. Low one way and round trip rates during March and April. Send for map folder giving full details. Ask for "Rocky Boy" Indian Lands Circular.

E. C. LEEDY

General Immigration Agent 1215 Great Northern Bldg. St. Paul, Minn.





1 W. Kinzle St., Chicago, III.

Suicide.

Slow death and awful suffering follows neglect of bowels. Constipation kills more people than consumption. It needs a cure and there is one medicine in all the world that cures it-CASCARETS.

Cascarets-10c. box - week's treat-ment. All druggists. Biggest seller in the world-million boxes a month.

TURQUOISE in the rough is lates 50 cts set of 3. Direct from famous Crescent mines Address CALIFORNIA TURQUOISE CO. Dept. N. San Bernardino, California.

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