THE SWINEHERD.

Good bedding adds to the comfort of the hogs. The man who provides the best shelter is invariably the man who makes the most money out of his bogs.

It is well to set out a row of evergreen trees to protect the bog yard, and such a windbrenk for the farm buildings will make a great difference in the winter. Separate the young breeding nows from the fattening stock. A fattening ration will rule a

sow for a breeder. Keep a record of each sow to determine her worth as a breed Fatten the rattle headed sow that is hard to handle at pluging time.

Handle the young boar carefully. Teach him to obey the word and to walk ahead of you, An ungovernable boar is most dangerous.

THE AMBITIOUS HORSE.

Importance of Training Work Animals to Walk Rapidly.

Some people give borses little credit for intelligence, and, while, of course, they cannot reason or pass the time of day with one another, they do learn many things, usually from habit, says the National Stockman. Horses vary greatly in this respect, as all who have handled many horses well know. The variation of horses in this respect is probably no more, however, than the difference in the ability various men transmit to handle herses.

One of the most important things a horse may be taught is to walk fast. A contractor who builds roads or does similar work has his teams trained to walk fast, and he has them all working at an even guit, which is so neceseary when they are following each other closely at their work. Sometimes farmers put their teams to at such jobs, making a fill or a cut to level a road, and so earn a few extra dollars. The lessons brought out on such a job are too pigin to be overlooked. The fast teams must wait for the slow, and none can work for any length of time faster than the slowest. Such a striking comparison is not conducive



Photo by Pennsylvania Agricultural col-

The policy of keeping brond mares to perform the necessary farm work and at the same time produce a crop of fosis is one that should mend itself to all thinking men. Mares of good conformation, bone and size mated to pure bred draft and size mated to pure bred draft stailions will produce a type of horse much in demand at excellent prices. None but pure bred stai-lions of any of the recognized draft breeds should be used. Keeping the broad mores steadily at work re-sults in stronger and better foals. The Percheron grade tilly shown is owned by the Panusylvania Agri-cultural rollege.

to pride in a slow moving team, nor is it a credit to the ability of the team's owner to train his horses.

Some horses are naturally slower gaited than others, and many acquire a ingging gait because the driver permits it. Some teams with one driver will step off smart and fast, but with another will quickly learn that to just move is all that is required, the driver probably having his mind anywhere but on his work. We can hardly blame the slow moving laggard of a horse for his fault.

A too common mistake is bitching an ambitious coil with a lazy old horse. When this is done it is generally because the stow one to "so gentle." nice to work a colt beside, but the result is almost rumous to the cult so far as a fast, efficient worker is concerned. The difference in the propert of work a fast stepping team and a slow team will do is astounding and will hardly be believed until seen demonstrated, as in adjoining wheatfields of the same size, where the weil trained team will resp the wheat much faster than and seemingly as easy as the slow team At least at the end of a day's work they seem no more tired than the inggards Give the coit a chance to be an efficient borse.

Hog Chelera Prevention. No specific cure has been found for tiog cholers, but in a few instances recoveries have taken place where the preventive serum has been promptly used. The serum, if fresh made and from a reputable, reliable manufacturer, is effective in preventing the disease. Temporary immunity is had by the single injection treatment in which serum none is used Permanent immunity is had by injecting serum and a very small quantity of virulent blood at the same time.

Pumpkins For Dairy Cows. Pumpkins are good feed for dairy rows, and there is nothing in the claim that they will dry animals up. It can he said that field pumpkins contain practically the same amount of digustible nutrients as turnips. Carlo W. Sales and Developed Street

THANKBGIVING ONCE A YEAR. There are some folks," says preacher,

"I think are awful queer, They never think of thanking God Until November's here. They get their mercies right along.

Their blessings come to cheer; ut, no; it's not Thanksgiving day, Wait till November's here. "The church bells tell of mercies, And they call to duty clear; But, no: the time to offer thanks

is when November's here. "God's poor are ever with us.

They oft hunger and need cheer,
But Thanksgiving day's for charity.

Wait till November's here.

"It's right to have Thanksgiving day
If thankful all the year,
But what a sham to put off thanks Until November's here!

"Thankegiving is a hollow shell Unless the heart is in it. We must the Giver imitate, Whose gifts are so infinite."
C. M. BARNITZ.

KURIOS FROM KORRESPONDENTS Q .- Does a ben niways lay at about he same time in the day? A .- While in full lay a hen generally lays about the same hour, and as she nears the and of her clutch of eggs she lays a littie inter each day until she quits.

Q.-In feeding bens in what proportion should mash stand to solid grain? A.-One pound mush to two pounds

Q.-Is it necessary to put ventilators in the roof of an open front house? Does the Muscovy duck mature as quickly as the Peking? A .- No to both.

Q.-I have an Orpington here that is pure white, the first one I have seen, and I wish you to tell me how to make him stay white. A .- Very few Orpingtons stay white. The sun and rain seem to conspire to turn them brassy. some claim that protection from these keep them white. Try it.

Q .- I am from the south, and you are from the north, and there is a matter wish you to explain. I recently visited my sout in New York state and found the eggs there fresh, sweet and large and 30 cents per dosen, but down here in Florida the eggs are small, mostly stale and as low as 12 cents. Do you suppose any one could be gen ine enough to make an egg form pay here? A .- In the far south many farmers consider bens a necessary evil They keep small sized mongrels and let them scrntch for themselves all Their eggs are inid anywhere and the in the heat all day, and the bad nesting, bendling and storing quoils them. Near towns and cities he farmers market a better product, but in out of the way places the eggs wait for a chance customer and often walt long and, being low in quality, the price is low. An egg farm producing a bon ton laid while you wait produrt ought to flourish in such rotten egg eouditions.

FEATHERS AND EGGSHELLS.

It is wise for the crate fatteuer to be on the lookout for sick and dead fowls, especially in the hot season and toward the end of the feeding period. The removal of a fewl that is off its feed to a grass run often restores it quickly. When a dead fowl is left to putrefy in a crate the whole bunch is often knocked out.

There is always wisdom in knowing when to quit. We refer here to exopening of the show senson and then se all and more than they have gained in the end. One way to thus fall down is to send the same birds to too many shows. They start fine, get worn out and then lose,

Musty straw is unbealthy for bens to scratch in, and onts stored in the sheaf, if there is much of it, often sweat and mold. Clean, dry wheat straw is our favorite for scratch floor

Feeding bens grain in the sheaf is not practical. While they get some exercise tearing the sheaves apart. they nearly always get too much grain and much is wasted. It is better to thrash the grain and make the bens dig for all they get in the straw.

State bulleting give us much information about the birds as insect destroyers, but seldom do you read of the destruction done by positry to the pests. Turkeys and guiness are at the head of the bug killer procession, and their propagation should be encouraged What is more, they turn these pests into pounds of fancy meat.

That the modern chicken thief is a scientific expert is shown by the manner to which the whole flock of Harry Bodine of Collingdale, Pa., was stolen The thieves simply threw a rag, satnrated with chloroform, under the roost and skipped with the unconactoria birda.

in placing leg hands on fowls they should not be sealed to constrict the leg, and allowance should be made for future growth of shank. It is torture for a fowl to wear a band that is tuo small, and when this is allowed to become imbedded in the leg the owner should be pulled by the S. P. C. A.

A company has been organized in Columbia county, Pa., for the raising of hogs and turkeys on second growth timberland that is good for nothing else. Barren land is considered ideal for poultry by many until they try the

There is a canard going the rounds that hens will double their output if the house is illuminated at night, and market chickens will eat and grow faster. Hens unst have a regular amount of sleep, like humans, or they break down, and their egg marainers and dige-dive apparatus can only do a certain amount of work and most have rest also or a collapse occurs.

Lo. M. Barrit LESTANTE LINES.

NOTICE OF CONTEST.

Department of the Interior, United | Date of third publication May 21, States Land Office, Lakeview, 1913, Oregon, April 28th, 1913.

To Charles E. George of No. 407 1913, Lumbermans Bank Bldg., Portland, Oregon, Contestee:

You are hereby notified that Fred G. Miller, who gives Bend, Oregon, c-of C. S. Benson, as his post-office address, did on March 19th, 1913, nie in this office his duly corroborated application to contest and secure the cancellation of your Homestead, . Serial No. 02811 entry No .made December 7th, 1909, for NE % NW %, Section 13 and Lots 2 and 3, BW % NE %, E % SW %, SE % NW % NW % BE %, Section 12, Township 22 S., Range 20 E., Willamette Meridian, and as grounds for his contest he alleges that Charles E. George has wholly failed to establish his residence on said tract, has totally falled to cultivate and improve the same as required by law and has abandoned the same for more than one year last past.

fled that the said sliegations will be your further right to be heard therein, either before this office or on apwithin vhen and the postoffice to which it was malled, and this affidavit most be accompanied by the postmaster's eceipt for the letter.

You should state in your answer the name of the postoffice to which ou desire further notices to be sent

PRED P. CRONEMILLER.

Date of first publication May 7, 1913.

You are, therefore, further notitaken by this office as having been confessed by you, and your said entry confessed by you, and your said will be canceled thereunder without outry will be canceled thereunder twenty days after the after the FOURTH publication of this

peal, if you fail to file in this office path, specifically meeting and responding to these allegations of con-test, or if you fail within that time to to file in this office due proof that file in this office due proof that you have served a copy of your answer on in person or by registered mail. the said contestant in person or by registered mail. If this service is made by the delivery of a copy of testant your answer on the said contestant service must be either the said conperson, proof of such service must be either the said contest- his receipt of the copy, showing the ant's written acknowledgment of his receipt of the copy, showing the date receipt of the copy, showing the date was made stating when and where of its receipt, or the affidavit of the copy was delivered; if made by person by whom the delivery was registered mail, proof of such sermade stating when and where the vice must consist of the affidavit of copy was delivered; if made by registhe tered mail, proof of such service must consist of the affidavit of the person y whom the copy was mailed stating

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Date of second publication May 14, 1913

Date of fourth publication May 28,

NOTICE OF CONTEST.

Department of the Interior, United States Land Office, The Dalles, Oregon, April 19, 1913.

William S. Ayers, of Dayton, Wash., Contestes. You are hereby notified that Victor Bercovitz, who gives Bend, Oregon, as his postoffice address, did on

April 5, 1913, file in this office his duly corroborated application to contest and secure the cancellation of your homestead, entry No. Serial No. 98428, made March 23, 1911, for N%NE%. SW%NE%. NW %, NE % SW %, section 15, township 20 S., range 14 E., Willamette

meridian, and as grounds for his contest he alleges that said William Ayers has never established his residence upon said tract; that he has wholly abandoned said tract for

more than six months last past. You are, therefore, further noti-fied that the said allegations will be without your further right to be heard therein, either before this office or on appeal, if you fail to file FOURTH publication of this notice, notice, as shown below, your answer, as shown below, your answer, under under oath, specifically meeting and responding to these allegations of

you have served a copy of your answer on the said contestant either this service is made by the delivery of a copy of your answer to the con in person. testant's written acknowledgment of date of its receipt, or the affidavit of the person by whom the delivery the person by whom the copy was mailed stating when and the post office to which it was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter.

You should state in your answer the name of the post office to which you desire future notices to be sent

C. W. MOORE, Register. Date of first publication April 23, 1913

Date of second publication April 20, 1913, Date of third publication May 7.

Date of fourth publication May 14,

The Full Bag



f Feed is necessary, but the quality of the contents is of much more importance. To keep your horses in proper condition, sleek and fat enough for working purposes, they should be given our choice, selected Feed, made of the freshest and purest grain and always of uniform quality. Ask any horseman

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LOW ROUND TRIP FARES

Baltimore	\$107.50	Milwaukee	\$ 72.50
Boston	110.00	Minneapolis	60,00
Buffalo	92.00	New York	108.50
Chicago	72.50	Omaha	60,00
Colorado Springs	55.00	Philadelphia	108.50
Denver	55.00	Pittsburgh	91.50
DesMoines		St. Louis	70.00
Detroit	88.50	St. Paul	60,00
Duluth	60.00	Toronto	92.00
Indianapolis	79.90	Washington	107.50
Kansas City	60.00	Winnipeg	60.00

LIMITED TRAINS EAST

The train leaving Bend 6:45 A. M., Redmond 7:24 A. M., Terrebonne 7:36 A. M., Culver 8:08 A. M., Metolius 8:30 A. M., Madras 8:40 A. M., Maupin 10:48 A. M., makes direct connection at Fallbridge with limited train East via Spokane, Portland & Seattle Ry.

Train schedules and other details will be furnished on request. Baggage checked and sleeping car accommodations arranged through to destination if desired.

J. H. CORBETT, Agt., Bend, Ore.

R. H. CROZIER, Asst. Gen'l Pass. Agt. W. C. WILKES
Portland, Ore. Asst. Gen'l Frt. & Pass. Agt., Portland, Ore.

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