

**MONEY IN HOGS**

A subscriber writes in and asks why it is that we claim that the hog is the greatest money-maker of all farm animals?

This statement is not often questioned. It is acknowledged by most people who have given it any consideration.

The hog is an economical cog in the farm operation. He is a converter of waste, a gleaner in the fields. A helper of the farmer in adding to his bank balance.

Because of his saving qualities, he has been denominated as "The gentleman that pays the rent for the householder; the mortgage lifter for the farmer."

In the past he was adopted by the farmers of the corn and hog belt as the only feasible way of marketing the corn crop. Being turned into the field and fattened, this was known as "hogging the corn," thus saving all of the labor of gathering, storing and feeding out again.

At times, when the wheat crop was an overproduction and the prices were down below the 50-cent mark at the farm, the hog was used to market wheat.

He has done his part in converting the by-product of the dairy and creamery into a merchantable article through his stomach. The feeder of a bunch of steers follows them with a drove of hogs that are fattened on the undigested corn fed the steers. Hogs take care of the bi-product of distilleries, beet sugar plants, of the garbage of the cities and of many other factories where food products for human being are manufactured.

In Texas and several southern states they inform us that they can make pork at two cents a pound on peanuts, and more pounds per acre than they can with a crop of corn, letting the pigs do their own picking or digging, as you please to call it. The hogs can convert kaffir corn, milo maize, cow peas and soy beans into choice pork that can be cashed every day in the year.

Then, again, he is a forager; he can grow on alfalfa and clover and several other kinds of pastures, but especially is he adapted to converting alfalfa into lean pork and which balanced properly makes one of the ideal feeds for pork production at the cheapest possible cost.

Then, again, while the sheep, cows and horses will increase from 60 to 100 per cent annually, the hog will increase from 500 to 2000 per cent annually. He can be turned into the market as quick as a crop of grain.

These are some of the reasons why we claim that the hog is the greatest money-maker of the farm animals.—American Swineherd.

**AGRICULTURAL ADVISERS**

Mr. J. R. Shinn, formerly professor of horticulture in the University of Idaho, has been named as agricultural adviser for Spokane county by Director Ira D. Cardiff of the Washington Experiment Station. The appointment was made upon the application of the county commissioners of Spokane county, the state law vesting in the director the authority of these appointments when requested by county commissioners. Roy G. Adams, now of Olex, Ore., an agricultural graduate of the State College, has been appointed agricultural adviser of Adams county. Applications from other counties are pending the action of the director in securing men for appointment who have the necessary qualifications.

**A PRACTICAL BULLETIN...**

A new bulletin soon to be published by the college is entitled "The Economic Side of the Noon Day Lunch," and will detail the results obtained by an experiment conducted during the recently closed teachers' summer school conducted by the State College at Puyallup, Wash. A problem in noon-lunching was worked out, in which teachers attending the sessions prepared their own meals at a cost of from four to five cents each. The question was worked out and the data secured with reference to the adaptability of the plan for furnishing meals at low cost to school children, obviating the cold and often unhealthful and unpalatable "dinner bucket" lunch at noon. In the bulletin the suggestion will be offered that large department stores in the cities profit by the data gathered for providing cheap but good lunches at noon for employees. Professor F. O. Kreager is the author of the proposed publication.

It is surprising how many men neglect their hogs, saying they need no tonic, conditioners, etc. Well, if we humans had to eat off the same table the hog does day after day, we would need nothing at all but an undertaker. No wonder there are outbreaks of disease. Stop and consider and then act and there will be less cholera, swine plague, etc.

One large wood heater for sale cheap. Phone 268 J. Aug 29

**STATE ASSESSMENTS**

Interesting sidelights upon the changes that are occurring in the agricultural and commercial life of the state of Washington are afforded by a comparative study of the returns made by the 39 county assessors to the state board of equalization.

The marked increase in the number of automobiles reported, more than 50 per cent, has been referred to before, also the fact that a large proportion of the new motor cars are reported from agricultural counties. In comparison with this the production of horses appears to be virtually at a standstill. There were 258,023 listed this year as against 254,134 a year ago, and practically all of this increase came in work horses. Horses used for driving and as saddle animals actually showed a decrease, thus tending to prove that the automobile is rapidly supplanting the horse for pleasure purposes, but not for actual work.

This is pointed out even more clearly by two other items in the returns. The total number of drays, wagons and trucks shows an increase from 65,218 in 1912, to 66,265 this year, but on the other hand the lighter vehicles, such as carriages, buggies and cabs, show a falling off from 40,708 in 1912, to 39,073 this year.

Washington is becoming more of a state for stock and dairy cattle. Stock cattle showed an increase from 122,922 to 138,978, more than 20 per cent in a year, while the number of yearlings showed an even more significant increase, from 51,328 to 67,510, or a 30 per cent gain. Milch cows increased from 141,573 to 149,140.

The raising of hogs also is an industry that is gaining by leaps and bounds. Last year there were 108,593 porkers listed, this year there are 132,696, showing an increase of better than 20 per cent. Mules also show a good gain, principally from the farming communities, 13,963 being listed as against 12,121 in 1912, a 15 per cent increase.

On the other hand, the sheep industry is falling off slightly, though not enough to show that the free wool proposal will be of serious inconvenience. There are 407,577 sheep listed this year as against 409,339 a year ago.

Here are a few interesting facts gleaned from the 1913 tax rolls:

Whitman county has more work horses than any other county in the state.

Yakima county has more stock cattle than any other, 13,095, of which 5459 are yearlings.

King county has the most milch cows, 18,712, and Snohomish county, with 11,644, is second.

**FORAGE CROPS CENSUS**

The agricultural department of the college is taking a census of all farms within a circle of 10 miles of the State Experiment Station, to determine how rapidly the practice of growing alfalfa, clover and other forage crops has spread from the state farm to the adjoining and adjacent farms. So far as the census has progressed, it is indicated that about one-tenth of the farmed area is in alfalfa or clover; that the practice of growing the crops began about 10 years ago, and the average yield per acre is two tons. One farmer characterized alfalfa better than a 40-bushel-to-the-acre wheat crop. Following the census of the region immediately adjacent to the state farm, an investigation covering the entire state is planned.

**W. S. C. EXTENSION SCHOOL**

Opening the campaign for the enrollment in the W. S. C. Extension School, Superintendent J. A. Tormey is mailing to farmers, stockmen, dairymen, orchardists, and others likely to be interested throughout the state, thousands of "W. S. C. Extension Enrollment Cards." The data called for include the name of the student, address, whether married or single, number of children, age of oldest boy, age of oldest girl, number of acres farmed, whether the farm is owned or rented, the principal line of farming followed, the number of live stock, whether cattle, horses, hogs, sheep, or poultry are kept, and the number.

**FOR SALE CHEAP**—A house with seven rooms; barn; 10 lots in blocks 8 and 14, Garden City addition to Pullman; good well; spring; cave, 20 bearing fruit trees, cherries, etc. Mr. and Mrs. W. H. Henneck. Aug 29 Sep 12

**FOR SALE CHEAP**—Studebaker buggy with pole and shaft; good as new; also set of double and single harness. Apply to Wm. Swain, Pullman, Wash. Jly 4tf

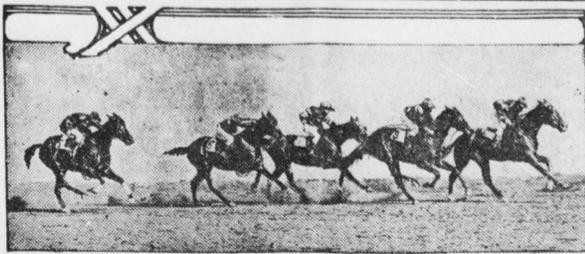
**FOR SALE**—Five-room house. College hill; large and well arranged; desirable location. Phone 249 J, or inquire at this office. Aug 29tf

**LOOSE SMUT OF GRAIN**

This smut is different from the stinking smut, in that the plant is not infected in the seedling stage, but gains admittance to the host at blossoming time. The head also appears different. The smut does not remain within the membrane of the kernel, but early breaks out and for a short time shows as a black powdery mass of smut spores. These soon disappear, leaving only the stem of the head with a few smut spores attached to it.

The smut can be prevented by the treatment of the seed, but the procedure of treatment is so complicated and delicate that it is not practical for the ordinary grain grower.

On account of these facts and with the hope that the disease may be kept out of the fields of the state, it is most urgently recommended that every grower be exceedingly careful in the selection of his grain for seed. Be sure that the seed comes from a field that was free from smut and, if possible, was not threshed by a machine that had handled grain containing the loose smut. If these suggestions are carried out the spread of the smut will be stopped and its introduction into new territory prevented.—John G. Hall, Pathologist, Washington Experiment Station.



**Washington State Fair**

Direction Department of Agriculture

**NORTH YAKIMA,**

**Sept. 29 to Oct. 4**

**SIX RUNNING RACES DAILY** for purses of \$200 to \$500. Largest Running Meeting to be held in the State this Year. Horses from all over Northwest in Attendance. Indian races daily also.

The Yakima Derby for \$1,000 (money on the wire) will be run "Governor's Day," Thursday, Oct. 2.

**DAILY AVIATION FLIGHTS** including Sensational Parachute Drop from Aeroplane and Spectacular NIGHT Flight illuminated with Fireworks and Searchlights. Altitude Flights.

**PICTURESQUE AND ENTERTAINING INDIAN FEATURES**, including Sham Battles, War and Peace Dances, Fancy and Rough Riding, Mock Indian Marriage and other Novelties. Typical Indian Village.

**GOVERNOR'S DAY, OCT. 2**, TROOPS from Washington National Guard Assisted by Crawford's Band will Execute the Impressive and Beautiful ceremony "Guard Mount," a Military Attraction Well Worth Witnessing.

**THRILLING SHAM BATTLE** will take place between Indian Warriors and Troops, Depicting Early Days in the Yakima Valley. One Night Only. Don't Miss It.

**Gorgeous Fireworks Display at Night on the Fair Grounds.** Midway and Other Attractions.

**STATE WIDE BETTER BABIES CONTEST** for \$500 Cash, Silver Trophies and Medals. **CHILDREN'S INDUSTRIAL CONTESTS** for PRIZES Aggregating \$2,500, Open to All.

**GREATEST DAIRY SHOW** Held on the Pacific Coast This Year Planned. Judging and Scoring by U. S. Officials.

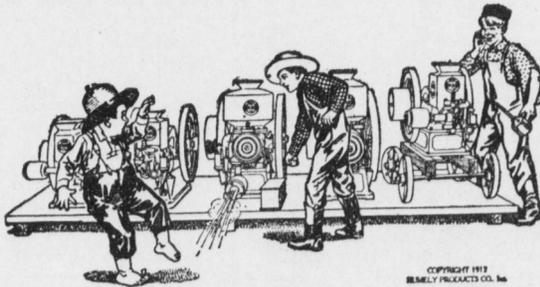
**\$35,000 Offered In Premiums, Purses and Attractions.**

**THREE BRASS BANDS** Daily Concerts Afternoon and Evening.

For further information on any subject address H. B. AVERILL, Secretary-Manager, North Yakima, Washington.

**EXCURSION RATES ON ALL RAILROADS**

**Season Tickets good for six day admissions, \$1.50**



**A Line of Labor Savers**  
You Can See This Line at This Store

**DON'T** be afraid to come into this store any time you want to and look at the things we have here. We won't ask you to buy—you know better than we do what you want and when you want it.

There's one thing we want to suggest to you — when you buy an engine, (and you're bound to some day) — be sure you get an Olds. We have them here. There isn't a better engine made. We know it; you ought to.

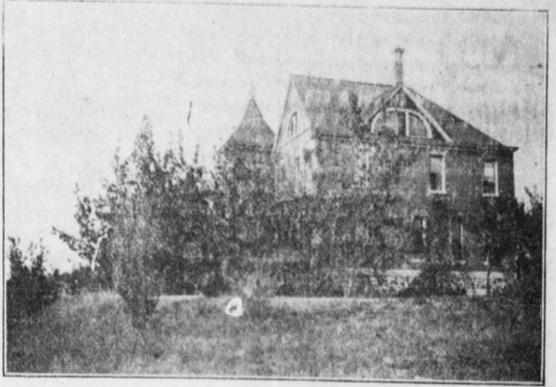
If you can't find time to come and see us, ask us to come and see you or send you a free catalog of Olds Engines.

*We're here to serve you; give us the chance.*

**T. C. MARTIN**

That Implement Man

PULLMAN, WASH.



**FOR SALE**

This commodious and comfortable modern residence, situated in twenty acres of land immediately adjacent to the southern limits of the city of Pullman, Washington. The house is built over a stone foundation, and is brick veneered. It is heated all over by a combination hot air and hot water furnace, is lighted by electricity and has as well a gasoline gas plant. City water is laid on and there is hot and cold water on every floor. There are five to six acres in bearing orchard and six to seven acres laid down in alfalfa. Good barn and other buildings.

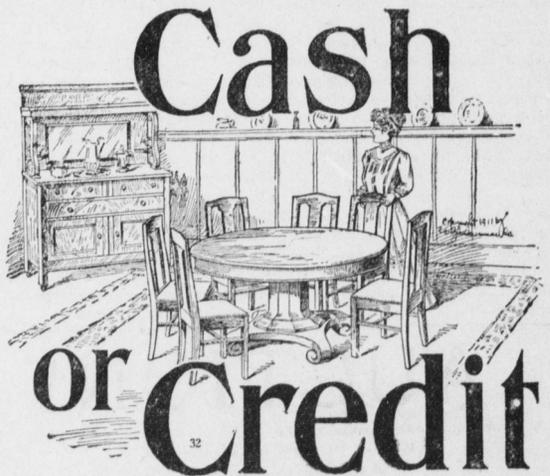
For further particulars apply to

M. J. CHAPMAN  
Pullman, Wash.

**THIS BANK WANTS YOUR BUSINESS**

We confess it. On the other hand, we know that we are justified in asking your patronage. We not only offer our depositors every facility to be found in a modern institution, together with courteous consideration and the best of service, but we also assure you of SECURITY for your money, STRENGTH and STABILITY in management and methods. A Home Bank for Home People. Progressive, Strong and ever Courteous. We invite your patronage

**PULLMAN STATE BANK**



**Cash or Credit**

If it is inconvenient to pay cash do not let that prevent you from choosing the Furniture you want at this well equipped store.

**We Furnish the Home Complete**

For \$50 to \$100 as First Payment and the balance just like rent

Small weekly or monthly payments and before you know it your furnishings are yours in place of a bunch of receipts that have no value.

**Two Ways to Buy-- at Cash or Easy Payments**

**PULLMAN FURNITURE & UNDERTAKING CO.**