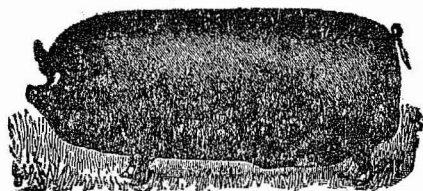


Montana Extension Service in Agriculture and Home Economics

Montana State College of Agriculture and Mechanic Arts
and the U. S. Department of Agriculture, Cooperating,
Acts of Congress May 8 and June 30, 1914

NUMBER 22.

MAY 1, 1917.



Gallatin County PIG CLUBS

W. J. HARTMAN, Leader

For information regarding Boys' and Girls' Clubs, address M. J. Abbey,
State Club Leader, Bozeman, Montana.

First Record

(Return this June 1st to W. J. Hartman, Bozeman, Mont.)

Name of Boy

Post office

Name of father or guardian

Date of beginning feeding

Weight of Pig June 1st

Kind of Pasture

Amount of Skim Milk Fed

Amount of Pasture

Barley

Oats

Shorts or Middlings

.....

.....

.....

PIG CLUBS.

Objects of the Work.

The object of forming Pig clubs among the boys may be briefly stated as follows:

1. To stimulate an interest in swine production and to teach boys how to raise better and cheaper hogs by the use of improved blood, and the growing of forage crops.

2. To increase the number of hogs raised on the farm in order that the meat for the home and that required to feed the extra farm labor may be produced instead of being bought.

- 3 To encourage the home curing of meats on the farm.

4. To teach the boys how to judge hogs and to select them for breeding or market purposes.

5. To encourage the growing of forage crops and discourage the exclusive use of high-priced feeds.

6. To instruct the boys in a practical way in the management, feeding, sanitation, and prevention of diseases of swine, all of which information proves valuable with respect to other forms of live-stock work.

7. To give the boys a means of earning some money for themselves while at home.

8. To instill in the boys while young, a love of animals which will result in their taking more interest in farm life, and to furnish them at the same time some work which will in a practical way give an insight into the business side of farm life and incite in them a desire to struggle for and attain success.

Requirements and Recommendations.

1. Each boy must come recommended as to his honesty and thrift.

2. He must give his note bearing eight (8%) per cent interest, for the cost of the pig with which he will be furnished, provided he has no pig. No security is asked except the personal and financial obligation.

3. He should agree to raise not less than one-half acre of feed for his pig.

4. The boy is to be the sole owner and to receive the entire profits. (It is suggested that the money either be spent for a pure-bred calf, pig, or the opening of a personal bank account).

5. The club members are to exhibit their pigs two days at the Gallatin County Fair, September 12th and 13th. The County Fair will provide a man to take care of the pigs at the Fair.

RULES.

The following rules should be adopted by each club:

1. Any boy between the ages of 10 and 18 years may become a member.

2. Each boy must secure one pig if he becomes a member of the club. The pig to be farrowed after March 1st, 1917, and entered in the contest by June 1st.

3. Each member must care for his pig, keep a record of the feed given and the pasture grazed. He must, at the beginning and end of the contest, record the weight of his pig.

4. Record blanks will be furnished, which should be filled out and returned to club leader, W. J. Hartman, Bozeman, at finish.

5. Each member must have owned and kept a record of his pig for 100 days in order to compete for a prize.

6. The members of the club must agree to study the instructions furnished on the Care and Feeding of Pigs.

7. The club leader will help the boys select their pigs, make personal visits, answer letters of inquiry regarding the care of the pig, feeding, housing, disease, or any other questions which may arise.

PRIZES.

Prizes as follows will be given at the County Fair, Bozeman.

To the boys showing their pigs at the County Fair, September 12th and 13th:

1st	\$12.00	4th	\$ 3.00
2nd	7.00	5th	2.00
3rd	5.00	6th	1.00

Also to the boys having the champion and reserve champion pig a free round trip railroad ticket will be given to Helena for the State Fair.

The champion and reserve champion pigs will also be taken to the State Fair free.

The National Bank of Gallatin Valley will give the following prizes to the boys whose pigs in the contest make the cheapest gains during the 100 days feeding period. (The larger margin of profit between cost of feed and value of gain.)

1st.\$10.00 Savings Deposit. 2nd.\$5.00 Savings Deposit.

Judge B. B. Law offers the following prizes to the boys showing the best Poland China pigs in the above contest at the County Fair:

1st.\$5.00 2nd.\$3.00
3rd.\$2.00

The National Duroc Jersey Record Association, through their secretary, J. R. Pfander, Peoria, Ill., offers \$50.00 to be given to the boys who have Duroc Jersey pigs in the contest, as follows:

Best type Duroc Jersey pig shown:

1st.\$10.00. 3rd.\$ 400
2nd.6.00 4th.\$2.00

The boy who writes an essay giving reasons why he selected a Duroc Jersey pig and his method of feeding, care and fitting for show:

1st\$6.00 3rd\$3.00
2nd4.00 4th2.00

Cheapest Gain (Greatest margin of profit between cost of feed and value of gain).

1st\$6.00 3rd\$2.00
2nd4.00 4th1.00

Choosing a Pig and Suggestions on Feeding.

Select your pig before June 1st On that date, or as soon thereafter as possible, and not later than June 3rd, have your pig weighed in the presence of two persons and submit a record of the weight.

Selecting the Prize Pig.

Choose a healthy, vigorous pig showing a well developed frame, with good width, depth and length of body, showing evidence of growth rather than a pig, overly fat. He should come of good stock and from a dam that is a heavy suckler and has done well by her pigs.

The contestant should remember that this is scientific work and must be handled carefully, accurately, and by himself personally. Maximum gain at the least cost is one of the important considerations.

FEEDING.

These suggestions apply to pigs which have been weaned. It is assumed that they have been well fed up to this time.

A good ration may be composed of the following: Equal parts of middlings or ground barley, or either alone, mixed with skim milk or buttermilk, in the proportion of one part of meal to three parts of milk. Cracked or low grade peas may be substituted for middlings. The pig may be given all he will clean up three times a day. Skim milk is very valuable feed for pigs fed in this manner, but be sure to feed it in clean troughs.

The grain may be fed dry three times a day and the skim milk fed separately. Try to feed the same amount at each feed so as not to put the pig off his feed or make him sick.

Tankage or pork cracklings of a good grade is useful in developing bone and promoting growth, when skim milk is not available. Tankage may be fed in the proportion of one part to ten or twelve of the grain.

Kitchen Waste, excepting that containing soap, lye or other harmful materials, may be added to the ration. No charge is made for this if taken from the home kitchen only.

Fresh water should always be supplied—in abundance.

Salt also should be available all the time, or a small quantity fed daily, not to exceed half a teaspoonful a day at the beginning.

Pasture.

Good pasture consists of alfalfa, clover, thousand-headed kale, rape, blue grass or oats. These are named in order of their value, the first four being approximately of equal value during the season while they are available. It is well not to graze the pasture too closely.

While on pasture the pig should receive from:

- 2 to 2 $\frac{3}{4}$ pounds of grain, or mixed feed daily,
(When weighing from 50 to 75 pounds)
- 3 to 4 pounds of grain, or mixed feed daily,
(When weighing between 75 and 100 pounds.)

When 100 pounds weight is reached on pasture, the pig will use more pasture and make gains rather cheaper, but not so fast, if fed not over 3 1-2 pounds of grain a day. If skim milk is also fed on pasture, a smaller quantity of grain will usually be sufficient.

In order to attain rapid gains, large size, high condition and finish, the pig should be on full feed from the beginning.

Previous to the showing of a pig at the fair, for a period of three or four weeks, it may be wise to give the pig all the grain and supplement he will eat while on pasture so as to make the maximum gains, growth and finish. If skim milk or buttermilk are being fed, the amounts should be limited late in the feeding test to avoid paunchiness and to make possible, consumption of larger amounts of concentrated grains.

Record of Feed Used.

Keep accurate record of the amount of feed used, by either of the following methods:

1. Keep account of the amount of each feed fed each day.
2. Or make a record of the exact amount of feed bought or otherwise secured at one time. Keep this feed in a separate place. When this supply is exhausted secure more, and keep a record of it in the same manner.

Skim milk may be valued at 35 cents a hundredweight, estimating a quart of milk as two pounds.

Preparation for Show: Washing, trimming hoofs, and dressing with linseed or cottonseed oil mixed with some wood alcohol to make it spread evenly.

Summary.

1. Do not forget the value of skim milk for the pig, but be sure to feed it in clean troughs.
2. Do not forget sunshine and cleanliness in keeping the hog healthy.
3. Keep the pig growing all the time.
4. Provide plenty of fresh water.
5. Do not allow the pig to become chilled through; see that he always has dry bedding and comfortable quarters.
6. See that the pig has plenty of green feed daily.
7. Provide shade on hot days and shelter during storms.
8. Rub on some crude oil, or lard and kerosene to keep lice in check.

GALLATIN VALLEY PIG CLUB INSURANCE.

Bozeman, Montana,1917.

RECEIVED OF fifty

cents (50c.) for one membership in

.....Gallatin Valley Pig Club. This bank agrees, in case of loss of pig, by death or accident to replace one pig, at cost, not to exceed the original note given.

Whatever is collected in this manner, and not used to replace pigs lost, will be refunded pro rata to the members on termination of the membership September 12th, 1917.

By.....Vice-Pres.-Cashier,

Gallatin Valley Pig Club Contract.

It is hereby agreed by and between party of the first part, and.....

party of the second part, that the party of the first part lend to the party of the second part, \$..... at eight per cent interest,

principal and interest payable November1917.

The party of the second part agrees to maintain a membership in the Pig Club conducted by the Extension Division of the State Agricultural College of Montana, and the United States Department of Agriculture, and conform to the rules and regulations of the club and invest \$..... under the direction of the club's representative. Party of the second part also agrees to repay said loan at maturity out of the proceeds of the original stock.

Signed

I hereby consent to the above contract, and agree not to claim any interest or right in pigs purchased or their proceeds, which may accrue to the party of the second part.

Parent's Signature.....

Note—The above contract is the one agreed to by the National Bank of Gallatin Valley in loaning money to boys who wish to enter the pig contest. No doubt other banks will be willing to use a similar contract.

This is your Final

Report of Pig Club Work.

1. Name of member..... Age.....
2. Post office.
3. Name of father or guardian
4. Breed of hog
5. Sex
6. Date when it came into your possession.....
7. Date farrowed
8. Value
9. Weight of hog on June 1st
10. Present weight of hog Sept. 12th
11. What is the present value of your hog, \$.....Sept. 12th
12. How was your hog fed and what were the amounts of the different kinds of feed given?
.....
.....
.....
13. What kind of pasture did you have?.....
14. Has your hog been sick?..... If so, state what were the symptoms and what treatment was given
.....
.....
15. What is your estimate of the cost per pound of raising your hog?
.....cents.
16. What have you learned about hog raising that will help you to do better work next year?
.....

I hereby certify that all the foregoing questions have been answered as completely and correctly as I am able.

Signed:.....