

POULTRY FACTS

SOUR MILK FOR LAYING HENS

Most Excellent Substitute for Meat Scrap and Will Give Good Returns During Winter.

While the production of eggs during the winter when high prices prevail is the result of proper breeding, hatching, rearing and care, proper feeding will always tend to stimulate egg production at that season.

One reason why hens lay well in spring and summer is that they are able to obtain animal protein in the form of bugs and worms. During fall and winter, therefore, the poultry feeder should attempt to imitate summer feed conditions. The commercial poultryman supplies animal protein by feeding meatscraps, but the farmer often fails to provide this feed.

Skim milk, preferably sour, is a most excellent substitute for meat-scrap and will give good returns when fed to laying hens. Numerous experiments have shown that laying hens fed skim milk will double in egg production similar hens fed no form of animal protein.

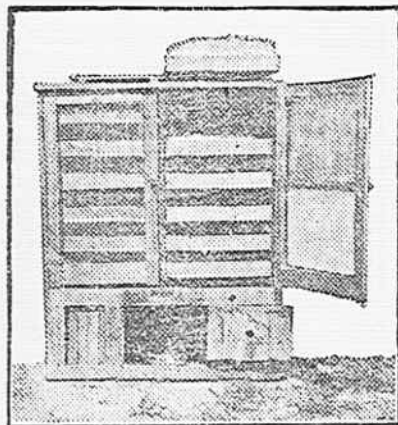
According to F. D. Crooks of the Pennsylvania State college school of agriculture and experiment station, the exact value of sour milk as a source of protein, is difficult to state. Numerous feeding trials, however, place its value at 50 cents to \$2 per 100 pounds.

Skim milk lowers the cost of producing a dozen eggs. On the farm it may mean the difference between profit and loss in connection with the farm flock. Sour milk has a medicinal effect also. It keeps hens in good health and helps prevent disease.

SPROUTED OATS FOR FOWLS

Recommended as Green Feed for Poultry by Specialist of Department of Agriculture.

The poultry specialists of the U. S. department of agriculture advise that sprouted oats fed as green feed to hens confined to yards cost about 10 cents per hen a year and one cent per dozen eggs, not including any charges for labor and equipment. In the experiments of these specialists



Device for Sprouting Oats.

the hens ate on an average in one year about 1.3 pounds of oyster shell and 0.7 of a pound of grit, which together cost about one cent per hen.

CLEAN-CUT POULTRY HOUSES

Let Only Odor Be Suggestive of Cleanliness—Lice and Mites Will Increase Rapidly.

Clean out the poultry houses, coops and nests and thoroughly disinfect them. Keep them clean and let the only odor about them be one suggestive of cleanliness. The time is at hand when lice and mites and bluebugs will increase rapidly and overrun the place in a little while. The best weapon to fight them with is cleanliness.

SHELLS, GRIT AND CHARCOAL

Too Many Farmers Do Not Realize Importance of Supplying Egg-Making Materials.

Too many people who raise poultry do not realize the importance of supplying their flock with an abundance of oyster shells, grit and charcoal. In order for them to keep in the best of health and produce the best results, poultry must be well supplied with them.

FOWLS TOO CLOSELY YARDED

They Have Little Opportunity to Supply Themselves With Necessary Amount of Grit.

When fowls are closely yarded, or during cold weather when the ground is frozen or covered with snow, they have little opportunity to supply themselves with any kind of grit or its substitute and are liable to become sick, due to indigestion.

AVOID DAMPNES IN HOUSES

Dark Buildings, Lacking Direct Sunlight, Are Conducive to Disease—Clean Them Up.

Damp houses, especially if dark and lacking direct sunlight, moldy litter, and filthy nests and roosts are conducive to disease. Chicken pox finds a good breeding place under such conditions. Clean up, and "let a little sunshine in!"

Mercurius.

In the mythology of ancient pagan Rome Mercurius, or Mercury, to give the English form of the Latin name, was the divinity of commerce and gain, and was identified by the Romans with the Greek Hermes. A temple was built to Mercurius as early as B. C. 495, near the Circus Maximus, and an altar of the god existed near the Porta Capena by the side of a well. His festival was celebrated on May 25, and chiefly by merchants who visited the well near the Porta Capena to which magic powers were ascribed.

Great Mangrove Swamps.

Mindoro, one of the larger islands of the Philippine group, is a province by itself and contains 3,983 square miles. It is distant from Manila a little more than 100 miles. Along the shores of this island are more than 30,000 acres of mangrove swamps, with large trees in practically virgin growth, conservatively estimated to yield 50,000 tons of bark readily convertible into approximately 17,000 tons of cutch. Just why this growth should have remained untouched for so long is not explained.

Monks Carved Church Seats.

Church seats carved by monks are to be seen within the walls of the ancient church at Clodock on the borders of Monmouthshire. The edifice was built some eight centuries ago and for many years it had interesting relations with Lanthony Abbey while it was the monks of the adjacent monastery that did much of the beautiful carving within its walls. The fine tower is now so dilapidated that it must be speedily restored if it is to be saved from ruin.

Rules Only for the Weak.

It is one of the weaknesses of mankind that it is forever establishing rules, programs, formulae. They serve their purposes for the guidance of ordinary minds. But the pioneers of thought ride rough-shod through the rulers. They gain the ends they desire by refusing to be directed by what someone else has thought before them, by what teachers have insisted upon as binding.—Exchange.

Best Kind of Play Is Work.

One of the best kinds of play is work. Many of the elements of play enter into work if it is performed in the right spirit. The most satisfying forms of play are those in which interest is excited; competition, with desire to succeed and accomplish some definite end, makes the game worth playing. Work is fatiguing and distasteful when it is lacking in these elements.

Take Pains.

Genius has been defined as an infinite capacity for taking pains, and talent, which is a sort of second cousin of genius, has the same characteristics, observes an educator. One who will take pains enough will meet with a measure of success. And no one who belittles the need of patient, plodding work is likely to succeed, no matter what his endowments.

At Sunday School.

"Give an account of Balaam," said the teacher. "Balaam was a prophet who lived a long way off," replied the student. "After a while he went out for a ride on his donkey, and he got very angry with the donkey and hit him, and a voice from heaven said, 'You must not hit the donkey; it is holy ground.'"

Making Bulgarian Milk.

The milk of the Bulgarians, well known all over the world for its superior nutritive quality, is made by exposing it to the sun, the rapid development of the germs under the action of the ultra violet rays being such that when it becomes dry they are in highly concentrated form.

Moss Is Valuable.

"Moss" is the popular name for several kinds of small flowerless plants which flourish in damp places. In mountainous and wet districts tracts of moss are of great service in retaining the water and preventing sudden floods.

Too Particular.

The girl who thinks more of her georgette crepe waist than she does of her beau and refuses to permit it to get mussed will never march to the well-known tune of Mr. Mendelssohn.—Florida Times-Union.

Some Towers.

The height of the Eiffel tower, Paris, is 986 feet; of the Blackpool tower, 520 feet; of New Brighton tower, 570 feet, and of the Woolworth building, New York, 750 feet.

Queer Place for Meteorites.

One of the remarkable features of the ocean's floor is the fact that in some places it is covered with the dust of meteorites.

Silent Applause.

Many a vaudeville actress seems to think she's a big thing because she slogs through her nose, like an elephant.—Exchange.

Vehicles Bear Owners' Names.

In England all carts and wagons must bear the owner's name and address before being used in a public highway.

HUSBANDS NOT SUCH BAD LOT

Stormy Days Cause Hubbies to Be Thoughtful of Wives Who Contemplate Shopping Expeditions.

Cold days stir up warm reactions in the heart.

Remember that cold Saturday morning when rain and snow swept the streets?

A young married man plowed through the gale to his office, and, once there, bethought himself that his wife had declared her intention of going down to Center Market to purchase a rabbit for dinner that evening.

Looking down upon storm-swept Pennsylvania avenue relates the Washington Star, the loving husband immediately decided that his wife would be foolish to go out on such a bad morning, and that he wouldn't let her go.

"I'll just call her up and tell her it is too bad a morning for her to go out, when she doesn't have to, and that I'll bring the things home myself this evening," he thought.

Cynical reader, this story doesn't turn out the way you think. Truth must often disappoint the cynic.

Fair wife did not insist on going to market through the snow to bring home the nice rabbit for husband to devour. She was pleased that husband was so thoughtful.

And what is more:

When the husband went to a phone to call up his wife to tell her to stay at home, he found the phone already in use.

"Hello, Mary," said the man on the phone. "It's a mighty bad day, and I think you had better not go down town this morning."

The young husband went to use the phone in another room. As he walked in, he saw a comrade at the phone already.

"Helen," the man on the phone was saying, "I think you had better stay at home this morning. It's a mighty bad day."

Husbands are a pretty decent lot after all.

IT WON HIM



Frances—I am afraid you don't like my game of bridge.

Francis—I am bound to like anything that costs me as much money as that.

WAR YARNS.

"Have you any war yarns?" asked the lady entering the department store.

"Surely, madam," replied the floorwalker.

"In which direction will I find the proper department?"

"Do you want them for reading or knitting, madam?"

THE BIG TOUCH.

"John let me take a dollar will you?"

"What for?"

"I've got to buy a lot of stuff I don't need so that the grocer will sell me a pound of sugar."

A GOOD REASON.

Teacher—Why has the giraffe such a long neck?

Charlie—Because its head is so far away from its body.

CONSTITUENTS GOT BUSY.

"They went over that candidate's career with a rake."

"I heard he was an unusually well-cultivated man."

ONE IDEA.

Howell—What is the millennium from your viewpoint?

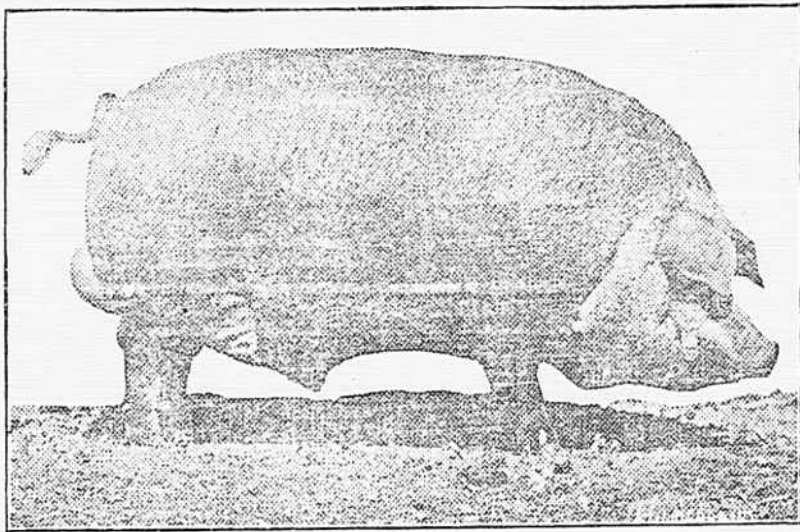
Powell—It is the period when there is no time between drinks.

HER GUESS.

Edith (with magazine)—What is meant by the dark ages?

Marie—The ages that we keep dark, I suppose, my dear.

MANAGEMENT OF BOAR IS IMPORTANT WORK



MOST VALUABLE ANIMAL IN SWINE HERD.

(From the United States Department of Agriculture.)

The management of the boar is a very important part in the raising of strong, healthy pigs, and one which is sometimes neglected. He should be the most valuable animal in the whole herd, and as such deserves the best of attention. The boar should be purchased from a breeder of purebred hogs when between eight months and one year of age. Many breeders, however, purchase a boar when a weanling pig, but to be successful in this choice requires a wide experience and sound judgment. Aged boars which have proved their worth can sometimes be purchased at a reasonable price. It is much safer for an inexperienced breeder to buy an old, active boar than a young untried boar. If possible, the farmer should visit the herd where the boar was raised and note the conditions under which he was bred. At any rate, it is always possible to obtain from the breeder notes on the health and the kind and amount of feeds used, so as to serve as an index to his subsequent treatment.

Upon arriving at the farm the boar should be unloaded as soon as possible and placed in quarantine to guard against the introduction of disease into the herd. If he is lousy it is well to treat this condition at once. His feed should be a continuation of that to which he has been accustomed, feeding rather lightly the first few days until he recovers from the strain of shipping and becomes accustomed to his new surroundings. If it is not feasible to continue feeding as previously indicated, the change to a more convenient ration should be made very gradually in order not to disturb the appetite or health of the animal. As a rule, a pig eight to twelve months old will be in proper breeding condition when received unless he has been very heavily overfed. In purchasing an older boar, particularly one which has been in the show circuit, it is often necessary to reduce his condition before attempting to breed. With some animals the breeding power is permanently impaired by too high condition at some time in their life. The boar should be well fed but not fat, as a too high condition makes him inactive, a slow breeder and a rather uncertain sire.

Management During Breeding Season.

During the breeding season it is well to confine the boar to his paddock, seeing, however, that he has plenty of exercise. As the sows come into heat

they may be brought to the boar's pen for service. This is a much better plan than permitting the boar to run with the herd, because by this method an accurate record can be kept to indicate when the sow will farrow, or if she did not breed, when she may be expected to be in heat a second time. It also permits of one boar serving more sows in a season, for the sow can be removed from the paddock as soon as bred. By following this practice as many as 50 or 60 sows may be bred to one mature boar in one season, which is a much larger number than could be bred by any other method. The lapse of time between heat periods is 21 days in the case of the sow. A breeding crate should be in the paddock and put into use whenever the sow is a "shy" breeder when there is much discrepancy in the size of the sow and boar. Many breeders use the breeding crate for every service; it really saves time and is an insurance against injury to the sow.

The boar's ration during this season should be a relatively narrow one of abundant quantity. The only index to the amount of feed is his condition, and this should be evenly maintained if possible throughout the entire breeding season, increasing or decreasing the quantity of feed as his condition becomes too thin or too fat. In order to keep him in health some laxative feed, such as wheat bran, should constitute part of the ration, and if corn is fed it should be combined with some protein concentrate, such as tankage or linseed-oil meal.

Care When Not in Service.

The rest of the year the boar should not be fed so heavily, and should have a wider ration, that is, one containing less of the protein concentrates and relatively more corn. The ration at this time is practically the same as that fed the brood sow when she is not producing a litter of pigs. He should have the run of a pasture a quarter of an acre in area in connection with his paddock. Here he can exercise and obtain much of his feed from the forage, or in the winter when the forage is consumed he may be fed on alfalfa or clover hay in connection with the grain ration. Keep the boar healthy, give him exercise, plenty of rough feeds, and keep him in condition by varying his supply of grain. Under such conditions little trouble will be experienced in getting a normal boar to produce large litters of strong, healthy pigs.

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Treasurer's Notice.

The County Treasurer's office will be open for the purpose of receiving taxes from the 15th day of October, 1917, to the 15th day of March, 1918.

All taxes shall be due and payable between the 15th day of October, 1917, and December 31st, 1917.

That when taxes charged shall not be paid by December 31st, 1917, the County Auditor shall proceed to add a penalty of one per cent. for January, and if taxes are not paid on or before February 1st, 1918, the County Auditor will proceed to add two per cent. and five per cent. from the 1st of March to the 15th of March, after which time all unpaid taxes will be collected by the Sheriff.

The tax levies for the year 1917 are as follows:

	Mills
For State purposes	8 1/2
Ordinary County	7
Constitutional School Tax	3
Antioch	4
Bacon School District	7 1/2
Blocker	2
Blocker-Limestone	4
Collier's	4
Flat Rock	4
Oak Grove	3
Red Hill	4
Edgefield	8
Elmwood No. 8	2
Elmwood No. 9	2
Elmwood No. 30	2
Elmwood L. C.	3
Hibler	3
Johnston	11
Meriwether (Gregg)	2
Moss	3
Shaw	2
Talbert	2
Trenton	8
Wards	2
Blocker R. R. (portion)	15
Elmwood R. R. (portion)	15
Johnston R. R.	3
Pickens R. R.	3
Wise R. R.	14
Corporation	10
Sinking Fund	3-4

All the male citizens between the ages of 12 years and 60 years, except those exempt by law, are liable to a poll tax of One Dollar each. A capitation tax of 50 cents each is to be paid on all dogs.

The law prescribes that all male citizens between the ages of 18 and 55 years must pay \$2.00 commutation tax. No commutation tax is included in the property tax. So ask for road tax receipt when you desire to pay road tax.

JAMES T. MIMS,
Co. Treas. E. C.

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No Alcohol

In This

You may wisely hesitate to take medicine containing alcohol. Scientists agree that alcohol is injurious. It is particularly harmful to growing girls and boys. Of the remedies for liver and stomach troubles, Granger Liver Regulator is recognized as a standard preparation, free from poisonous drugs like calomel and it contains no alcohol. This medicine has been on the market for years. It is the "stand-by" in thousands of homes throughout the country. It is freely used by all the family whenever one of them feels headachy or in need of a physic. Granger Liver Medicine is purely vegetable, and it may be taken without fear of griping or any other unpleasant after effects. Price, 25c for large box. Ask your druggist for it and refuse all substitutes.

FOR SALE: Six mules, will be sold at a reasonable price. W. W. Adams & Company.
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GROVE'S TASTELESS CHILL TONIC enriches the blood, builds up the whole system and wonderfully strengthens and fortifies you to withstand the depressing effect of the hot summer. 50c.