

POULTRY FACTS

POULTRY FEEDING QUITE IMPORTANT

For later profits, development of pullets on range should be closely watched and an effort made to get them to maximum size before they are allowed to come into production, asserts L. M. Black, extension specialist in poultry husbandry at the New Jersey State College of Agriculture, New Brunswick. Undersized pullets, he points out, require much more skillful feeding to maintain steady production, and they reward the owner only with second-grade eggs that are hard to sell.

From the time their birds reach twelve to fourteen weeks of age, it is the aim of the better poultrymen to get them to consume, in so far as possible, equal parts of mash and scratch grain. Where this is done it is unnecessary to dilute the mash with bran or corn meal, according to Mr. Black. Changing the formula of the mash is regarded by some poultrymen as a foolish and dangerous practice. They believe it is more simple to watch closely the relative consumption of scratch grain to mash and vary the amounts fed to meet the changing requirements of the birds.

Some flock owners place before the birds enough of a mixture of equal parts of scratch grain and mash to last the pullets until 2 or 3 p. m. in the evening scratch grain alone is given to bring about a heavy consumption of it. This system of feeding tends to hold back the sexual development of the birds and promotes growth. Under it, Leghorn pullets that are capable of a year of hard work should be ready to go into the laying house when five to five and one-half months old.

Mr. Black states that nothing is to be gained from early hatching if the pullets that develop in August and September are not placed in the houses at that time. From then on a little skill in feeding with an eye especially on the maintenance of the body weight will ward off a molt and will convince the owner of the value of the early hatched pullet.

Sell Broilers Closely to Prevent Loss Later

The bottom usually drops out of the broiler market before the first of July. Usually it starts downward quite rapidly after the middle of June. This makes it profitable to sell all birds that are ready for market. At this season of the year it is often possible to get more for the young birds, even though they do not weigh more than two pounds, than they bring later in the season after they have consumed a large amount of feed.

Another advantage in selling the broilers closely is that the pullets need room. If the broilers are sold the pullets can utilize the room that was occupied by the cockerels. This will give them a better chance to develop. Pullets that are crowded, that are confined with the old birds, or that are raised on contaminated ground are working under a handicap. If a separate house is available, such as the brooder house, this can be pulled to the edge of the orchard and be made the headquarters for pullets. If a mash hopper is plentifully supplied with a good mash ration and the pullets are given plenty of fresh water, minerals and scratch feed, it is likely that they will develop into good winter layers.

Poultry Hints

Avoid overcrowding chicks in the brooder.

If you want to keep your reputation for supplying fresh eggs, market them frequently.

Meat meal or meat scrap are high protein feeds and are found in most chick mash or laying mash.

Turkeys should have a shed open on the south for shelter and should be fed in this shelter so that they can locate it when necessary.

A chick that is well started is half grown. For this reason it is important that the young chicks be started off on the right feeds.

When the breeding season is over, sell or separate your male birds from the laying flock and produce infertile eggs during the summer months.

Start the ducklings on stale bread soaked in milk, squeezed dry, sprinkled with fine sand, feeding every two hours the first two days what they will eat up clean in five minutes.

Buckwheat ought not to constitute a large proportion of a grain mixture, not more than 20 per cent.

Many poultrymen fail to take into consideration the effects of a damp cold and the opposite effects of a dry cold upon the health and egg producing ability of the layers.

Goslings are more easily reared than chicks, poult or ducklings. Goslings are better hatched by chicken hens rather than by geese, although some geese make splendid mothers.

DAIRY

SUGGESTIONS FOR GARGET CONTROL

(By E. J. Perry, Extension Specialist New Jersey State College of Agriculture in Dairying.)

The three most troublesome diseases that attack dairy cows are tuberculosis, abortion, and garget. Absolute cures for any of these seem to be impossible, but an attempt at prevention or further spread is very much worthwhile. In some cases there is probably a relationship between garget, or mastitis, and feeding. At any rate the subject of garget control seems worthy of mention in these columns, because the insidious germs of this disease have ruined production in many well-fed herds. Through the feeding service conducted in the Dairymen's League News, Dr. H. J. Metzger, of Cornell University, has recently made some suggestions on the control of this trouble which the writer believes are very practical and timely. These observations and recommendations follow:

"Because garget so frequently results in a great loss to the dairyman, and the treatment of the disease is so often unsatisfactory, very careful consideration should be given to the prevention of the disease. In handling a case of garget it should be remembered that:

1. Most all cases of garget are caused by some germ growing in the milk and udder tissues.

2. Every drop of milk from a diseased quarter contains millions of germs capable of causing garget in another udder.

3. The chief way in which these germs enter the udder is through the opening of the teat.

4. Such things as heavy protein feeding, bruises, lying on the cold floors, and irregularity or delay in milking, will not alone cause garget. They will weaken the udder, however, making it much easier for germs already present to cause the disease.

The most successful way to handle a case of garget is to treat it seriously from the very start. The simplest appearing case may become serious if neglected. When a case of garget is discovered:

1. If possible, remove the cow from the herd. This will reduce the danger of the disease spreading to other cows.

2. Milk the diseased udder only after milking the remainder of the herd.

3. Milk the well quarters first. Dip the ends of the teats in a weak solution of disinfectant before milking the diseased quarter.

4. Do not milk the diseased quarter on the floor. It should be milked in a pail and the milk should be thrown out where the cows cannot lie in it.

5. Reduce the feed. It is generally advisable to cut all grain from the ration for the first day or day and a half.

6. It is generally a wise precaution to give the cow a laxative (one-half or three-fourths of a pound of epsom salts.)

7. Milking the affected quarters as often as possible greatly reduces the danger of the infection spreading through the udder. This may be done as often as every three hours.

8. Rub the udder mildly with hot water at least twice a day."

Important Rules Given for Care of Dairy Cow

(Prepared by the United States Department of Agriculture.)

Some simple but important rules to follow in caring for the dairy cow that is about to freshen are discussed by J. B. Shepherd, associate dairy husbandryman of the bureau of dairy industry, in Leaflet No. 10-L, "Care of the Dairy Cow at Calving Time," just issued by the United States Department of Agriculture.

Proper management at this time, says Mr. Shepherd, means more living calves, fewer sick cows, and better chances for a longer period of greater milk and butterfat production. It is important that the cow be handled at this time so as to prevent injury, that she receive a feed ration suitable to her condition, and that she be properly cared for at calving time. A small pasture conveniently located makes an ideal calving place in warm weather. At other seasons, the best place is in a roomy box stall free from drafts, thoroughly cleaned, disinfected, and well bedded with straw, shavings, or other suitable material.

It is all to stanchion the heifers with the milking herd for two or three months before they are due to calve. They will be easier to handle later.

A copy of the leaflet may be obtained by writing to the United States Department of Agriculture, Washington, D. C.

Cow Sucks Herself

When a cow has formed the habit of sucking herself it is difficult to break her of it. A device that in many cases is successful in breaking this habit is to insert an ordinary bull ring into the cow's nose, and then put another ring into this one. In many cases this has been successful while in others it did not work.

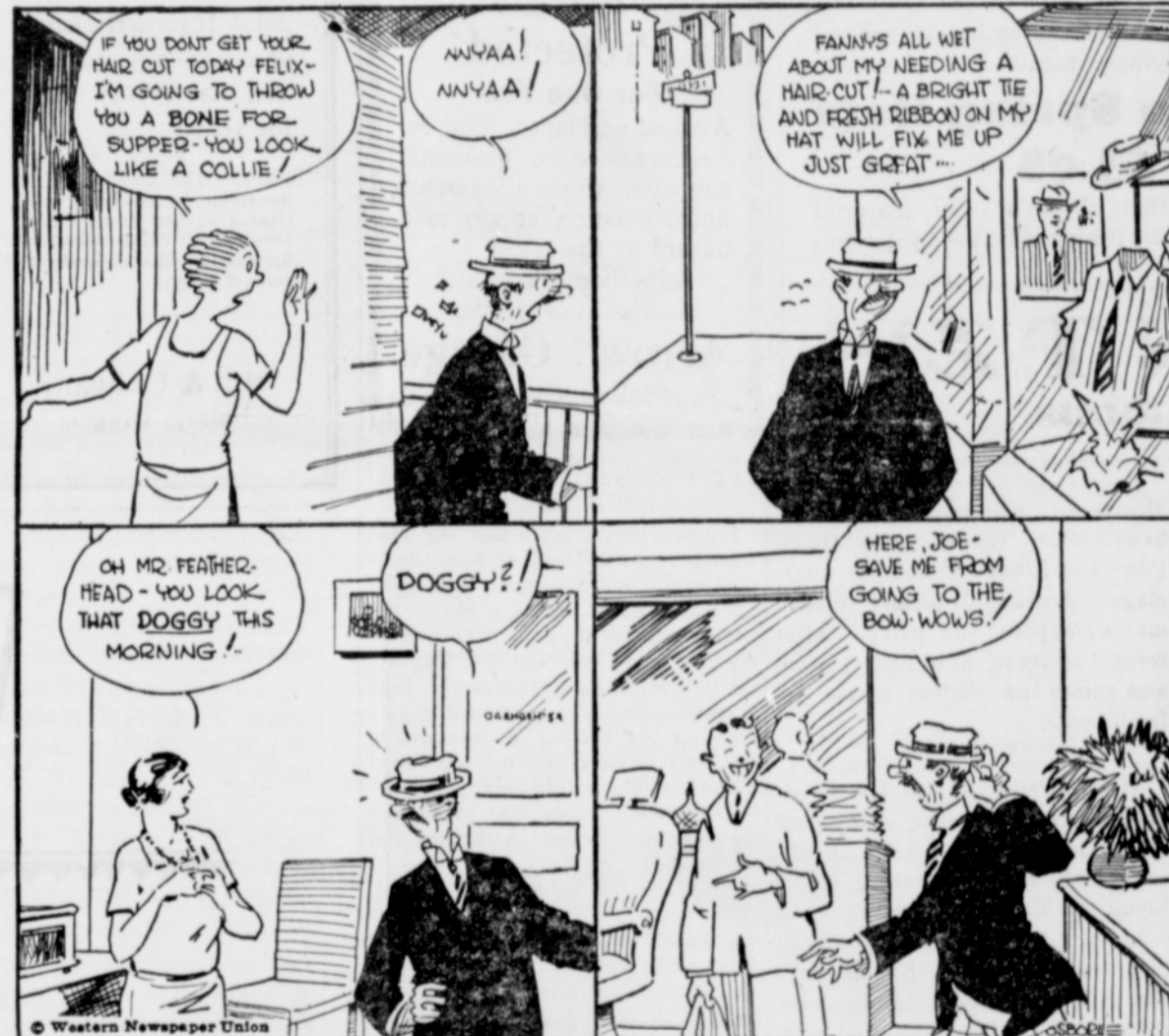
If, after giving this method a trial, you find that it will not work, the best thing that you can do is to sell this cow to the butcher.

OUR COMIC SECTION

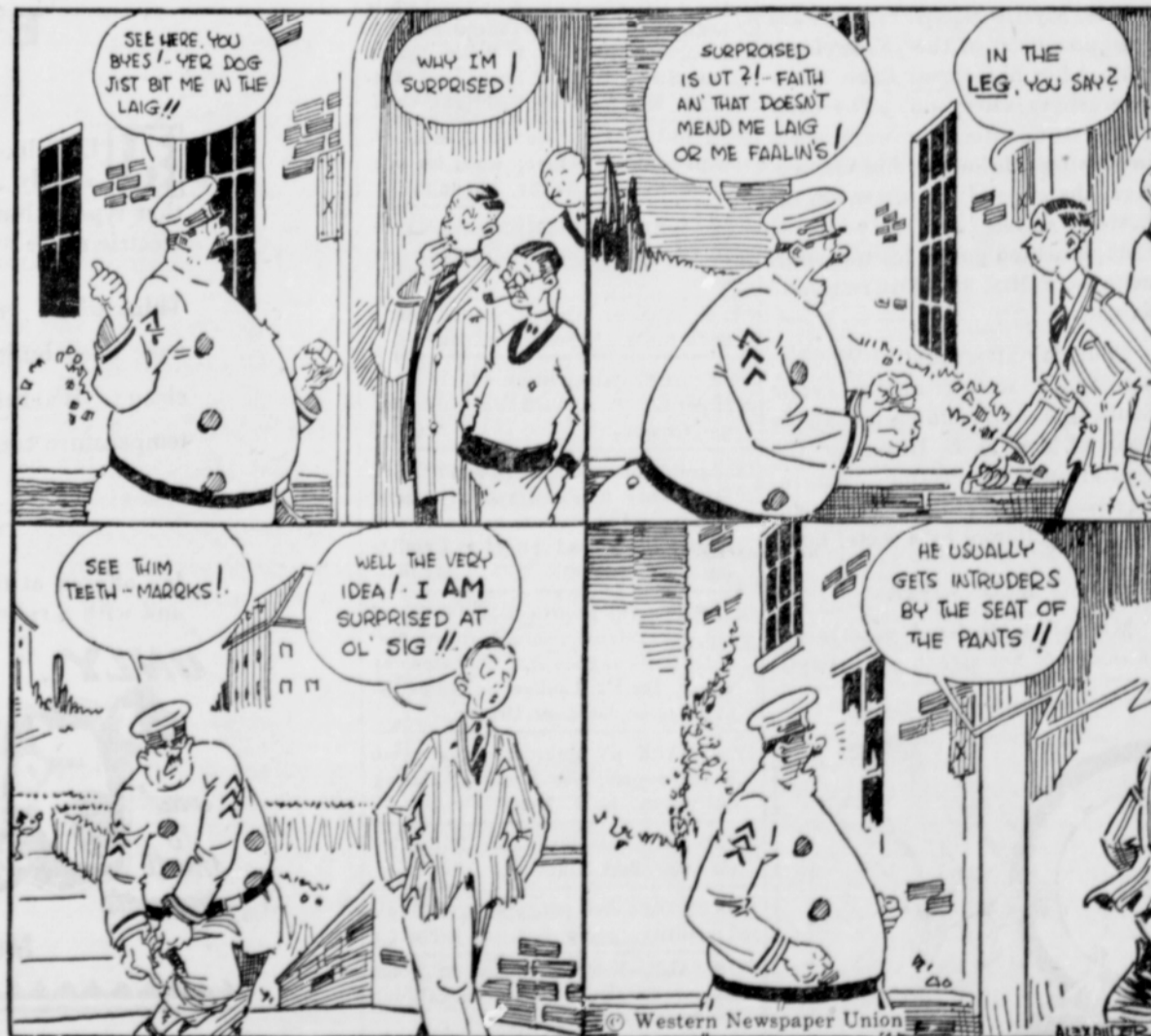
Events in the Lives of Little Men



THE FEATHERHEADS



FINNEY OF THE FORCE



Felix Gives In



Beware the Dorg

Texas in History

Texas became an independent republic in 1836 and a state in the American Union in 1845. In 1861 Texas seceded and shared the fate of the Southern Confederacy. From the close of the war in 1865 it was under the military rule of the United States until 1870, when complying with the requirements of congress, it was readmitted to statehood.

Improving on It

"In your sermon you spoke of a baby as a new wave on the ocean of life," remarked Mr. Young Husband. "Yes," said the preacher, "a poetical figure of speech." "Don't you think," suggested Mr. Young Husband, "that a fresh squall on the ocean of life would hit the mark better?" — Capper's Weekly.

Suspending the Assembly

The president of the French chamber of deputies wears plain evening dress. Should the assembly become too unruly to be brought to order by even the most vigorous ringing of his bell, he puts on his top hat to indicate that the sitting is suspended.

Punch the Originator

The present application of the word "cartoon" originated in the English periodical Punch, the occasion being the first exhibition of cartoons for the houses of parliament, in July, 1843, when Punch appeared with a rival series of sarcastic designs.

Enthusiasm

Enthusiasm, like truth, admits of no compromise. It is a conviction of rightness. It radiates confidence in one's self and in one's business or product. Today more than ever before it is vital to success in any enterprise. — Longview Daily News.

Hand Laundered Men

"The man with the stainless soul and spotless record ought to go out and get a few blemishes," sez Grand-pup Peterkin, "just to keep the rest of us sinners from feelin' too unwashed." — Farm and Fireside.

Betting on a Long Shot

A hand at auction bridge having no card higher than a nine is called a Yarborough because the earl of Yarborough had a standing bet of 1,000 to 1 that the hand dealt would have a higher card than a nine.

Liberty Statue Highest

Pliny and Strabo place the height of the Colossus of Rhodes at 70 cubits, or 105 feet. Later writers estimate it at nearly 80 cubits. The Statue of Liberty is 151 feet high, placed on a pedestal of 155 feet.

Poor Engineers

Most of us start out in life to build a boulevard as straight and beautiful as Pennsylvania avenue, but when we finish it it looks more like the tracks of the cow that laid out Boston. — American Magazine.

First American Coinage

On April 2, 1792, the first United States mint was founded at Philadelphia. Only manual or horse power was used in the minting of coins until the year 1836, when steam power was first introduced.

Despair Versus Cheer

Fear, imaginings, and despair lower vitality. In the recent war it was noticed that the wounds of cheerful soldiers healed much more quickly than those of others. — London Answers.

Civilization

Civilization is the condition in which one generation pays the last generation's debts by issuing bonds for the next generation to pay. — Boston Herald.

Thought for Today

Gentle words, quiet words, are after all the most powerful words. They are more convincing, more compelling, more prevailing. — Gladden.

Selfish and Sordid

The world's greatest tragedy is the death of men while their bodies are still alive. — American Magazine.

Lonely Man

If he has no faults what does the poor fellow do for congenial companions? — Toledo Blade.

Not Worth Candle

It is a poor sport that is not worth a candle. — Herbert.

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