

# POULTRY FACTS



## PAINT AIDS POULTRY HOUSE

Adds Greatly to Appearance and Service of Buildings—Whitewash Is Cheapest.

(Prepared by the United States Department of Agriculture.)

Painting adds greatly to the appearance and service of all buildings and appliances. One may buy ready-mixed paints or may purchase paste pigments and oil and mix them. All surfaces should be clean and dry before they are painted. Use a priming coat made of equal parts of paint and linseed oil and cover with one or more coats of paint, which should be thoroughly brushed into the surface.

Whitewash is the cheapest of all paints, and may be used either for exterior or interior surfaces. It can be made by slaking about ten pounds of quicklime in a pail with two gallons of water, covering the pail with cloth or burlap and allowing it to slake for one hour. Water is then added to bring the whitewash to a consistency which may be applied readily. A weatherproof whitewash for exterior surfaces may be made as follows: (1) Slake 1 bushel of quicklime in 12 gallons of hot water; (2) dissolve 2 pounds of common salt and 1 pound of sulphate of zinc in 2 gallons of boiling water; pour (2) into (1), then add 2 gallons of skim milk and mix thoroughly. Whitewash is spread lightly over the surface with a broad brush.

## FIND PERFECTLY FRESH EGG

Quality Is Largely Determined by Ease With Which Yolk Moves—Hints on Candling.

(Prepared by the United States Department of Agriculture.)

It is necessary to rotate an egg before the candle if one is to obtain an accurate knowledge of its condition. By tilting at various angles, the location and size of the air space can be seen, and very often the position of the yolk. But the quality of the egg is very largely determined by the ease



A Home-Made Egg Candling Outfit.

with which the yolk moves and the direction of its motion. The operator, therefore—

1. Grasps the pointed end of the egg with the tips of the fingers.
2. Holding the blunt end uppermost, places the egg closely against the opening, or spout of the candle.
3. Gives the egg a quick turn to the right or left, watching the movement of the yolk.

If the egg is perfectly fresh it may be difficult to find the yolk at first glance, but as the egg is turned a glimpse of it will be obtained.

## MENU HINTS FOR HENS

(Prepared by the United States Department of Agriculture.)

Use home-grown grains and their by-products supplemented with meat and fish scraps, or milk. Mix these feeds to make a properly balanced ration. Feed a scratch mixture of whole or cracked corn twice daily. Feed a mash, either dry or wet, made of ground grains and meat scrap.

Make the hens exercise for their feed.

Provide a light feed of corn in the morning, supplying only what the hens will clean up in a half-hour. Give a full feed in the afternoon, especially in cold weather.

## MAKE PROFIT FROM POULTRY

No Reason Why More Farmers Cannot Make Money by Selling Breeding Stock and Eggs.

Many farmers are now breeding standard-bred poultry, exhibiting the same, advertising and making a good profit from the sale of breeding stock, eggs for hatching, etc. There is no reason why other farmers cannot do as well.

## CARE FOR VACCINATED HOGS

Lack of Proper Attention Has Resulted in Material Losses Which May Be Avoided.

(Prepared by the United States Department of Agriculture.)

Improper care of hogs following their immunization against hog cholera, administered in public stock yards and after arrival at their destination, has resulted in losses which may be materially decreased. The following instructions for the prevention of losses are valuable:

"Shipments should be made promptly after immunization, or should be delayed for not less than ten days. Truck hauls and shipments not exceeding 36 hours in length can be made promptly to advantage.

"Avoid crowding; allow stocker hogs relatively more floor space than fat hogs.

"It is important that drinking water be constantly accessible to the hogs, except in severe winter weather. If the car does not contain special water devices, a water trough, protected by slats over its top, should be securely fastened to the floor.

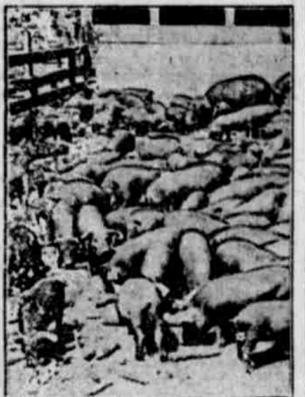
"Little or no feed is necessary during the 24 hours following inoculation, but clean water should be accessible. Short-haul shipments need not be fed in transit.

"When hogs arrive at their destination they should not be driven over the roads, but hauled from the car to the farm in wagons or trucks. Load and unload gently. Avoid chasing and unnecessary excitement in handling. In summer, unload where there is natural woodland shade or shelter pens; in winter, where there are suitable clean, bedded houses.

"Protection against rain should be provided.

"Do not permit wallows in pasture or lot. The use of wallows by recently inoculated hogs may produce pneumonia.

"For the first two weeks, if it is in season, allow shipped hogs limited



Do Not Neglect Hogs After Vaccination Against Cholera.

fresh pasturage. If alfalfa or other leguminous pasture is not available, a supplemental concentrate should be supplied. If no pasture, use self-feeders for soaked oats, and separate ones for tankage or other protein concentrate. At the end of two weeks begin gradually to change to the permanent ration. Keep fresh, clean water always available.

"Watch your hogs carefully each day for failure to feed or other signs of disease or sickness. Have a quarantine pen and place sick hogs in it promptly.

"Short rations and a laxative may be used for slightly sick hogs.

"The appearance of any disease in which a number of hogs are similarly affected requires immediate expert advice and treatment. Consult your veterinarian."

# LIVE STOCK

## BANK BOOSTS BETTER SIRES

Anxious to Assist Campaign in Every Way Possible—Offers to Finance Any Stockman.

The better sires campaign is attracting active attention on the Pacific coast. Recently the United States department of agriculture received a letter from a bank at Bend, Ore., containing the following statements:

"We are anxious to assist this campaign in every way possible and have been conducting a live stock improvement campaign for some time. This bank has brought in 15 registered beef bulls since March 1, and we are now arranging for a carload of stockmen to go to the Pacific International at Portland. We have offered to finance any stockman in the county who wishes to purchase pure-bred sires while at the stock show. We wish to link up with your organization in this campaign in every way possible."

The department of agriculture is ready to enroll in the campaign any live stock owner who fills out the pre-



The Kind of Bull Calves Country Bankers Like, Because They Find That Live Stock Betterment Through the Use of Better Sires Means Better Live Stock and Better Business Generally.

scribed blank and has it properly certified as described in literature now being distributed. The listing of dominant breeds by counties, too, is attracting attention and counties interested in that phase of the campaign may be enrolled at any time.

## STAND BY PRESENT 'T B' PLAN

Live Stock Associations Decide to Take No Steps to Lower Standard Now in Vogue.

After two years of practical operation of the tuberculosis-free accredited herd plan, a joint committee representing the pure-bred cattle associations and the United States Live Stock Sanitary association has unanimously decided that no steps should be taken to lower the high standard of the present plan.

It was decided that no herd should be accredited if it contains a tubercular animal, male or female. It was agreed by the joint committee, to show that owners are exerting an effort to exterminate the disease, that a supplementary list be made to the accredited herd list to contain the names of the owners of pure-bred herds that are free from tuberculosis on two annual tests but, in which the herd bull reacts. Such a herd will not receive an accredited herd certificate. The reacting bull may be used under certain conditions.

The accredited herd plan is administered by the bureau of animal industry, United States department of agriculture, in co-operation with the states.

## STEERS FATTENED ON SILAGE

Interesting Feeding Test With Shelled Corn Conducted at Missouri Station.

At the Missouri experiment station one lot of steers was fed 15 pounds of shelled corn per head per day along with 2.5 pounds of linseed oil cake, 2.0 pounds of clover hay, and 25 pounds of corn silage. Another lot received no shelled corn but a little more of the oil cake and clover and 40 pounds of silage per head per day. The results were that the lot that received shelled corn and half a feed of silage charged \$15.95 for 100 pounds gain, while the other lot charged only \$10.63. The cost of feed per steer on shelled corn was \$50.23, while with the other lot it was \$21.17.

## WATER SUPPLY FOR CALVES

Common Idea That Young Animals Will Drink Too Much Is Error—They Also Like Salt.

Let the calves have free access to fresh and clean water, and also to salt. The common idea that calves will drink too much water is a mistake. During the first four months little calves should not eat too much grain.

## GOATS ADAPTED TO GRAZING

Animals Are Economical Producers Under Anything Like Ordinary Farm Conditions.

Angora goats are economical producers under anything like ordinary farm conditions. They are well adapted to grazing and can be maintained on rather thin pasture. Yet this is not desirable as a food.

## KEEP ALL PROFITABLE HENS

Close Attention and Study Must Be Given to Each Individual Fowl—Some Are Layers.

Keep all hens as long as they are profitable. This calls for close attention and the study of each individual hen, but it is work that pays. The man who turns off every hen that reaches the age of two years is pretty sure to sacrifice some of his best layers.

## POULTRY NOTES

Clean, dry litter, clean water pans and wash hoppers are essential to the health of good layers.

All air that is admitted for ventilation should be so handled that it will not blow on the fowls, especially when they are on the roost at night.

One of the best ways to furnish green food is to hang a cabbage head just high enough so that the fowls will have to jump for it.

A warm, comfortable henhouse will do much to secure a good egg yield, for fowls that are not comfortable cannot lay well.

There is not much danger that healthy, vigorous fowls will become too fat, if compelled to exercise by scratching for the grain part of their ration.

It is necessary to provide the hens with some reason for exercising in winter because they have no incentive to exercise naturally, as they do in summer hunting for bugs and worms, etc.

Everyone should take a cleansing, purifying laxative Remedy this month. Hollister's Rocky Mountain Tea is a great Spring Cleanser—fizzik.—Owl Pharmacy.—Adv.

Want to buy hay, use Bulletin classified ads.

# WRIGLEYS

Here's to teeth, appetite, digestion!

The flavor lasts—and the electrically-sealed package brings

WRIGLEYS to you with all its goodness perfectly preserved.

Sealed Tight—Kept Right!

WRIGLEYS JUICY FRUIT CHEWING GUM

WRIGLEYS DOUBLEMINT CHEWING GUM

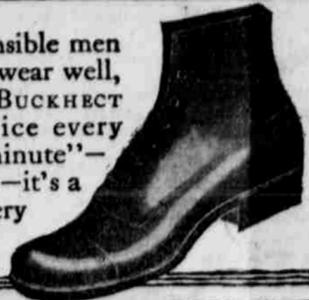
WRIGLEYS SPEARMINT CHEWING GUM

UNITED STATES PATENT OFFICE

ALL

## Sensible shoes lay a smooth path for your feet

Sensible shoes for sensible men—shoes that fit well, wear well, look well—these are BUCKHECHT Shoes. "Extra service every step, comfort every minute"—is more than a slogan—it's a fact stitched into every BUCKHECHT Shoe.



# BUCKHECHT SHOES

BUCKHECHT Shoes for you—for active men in all walks of life—are sold in a variety of styles and leathers from \$8 to \$12 by principal shoe dealers in the West

If not sold by your dealer, send his name and your order to

BUCKINGHAM & HECHT (7-31)  
MANUFACTURERS Since the early fifties SAN FRANCISCO

## GOOD RECORD IN "T B" DRIVE

Official Tuberculin Testing in October, 1919, Greater Than Any Previous Month.

More official tuberculosis testing of cattle was conducted during October, 1919, than in any previous month of any year, according to a summary just issued by the bureau of animal industry, United States department of agriculture. During the month 67,270 cattle were tested by state and federal veterinarians engaged in co-operative tuberculosis-eradication work. Herds or lots tested numbered 3,251, and the total number of reactors found was 2,821, an average of slightly less than one reactor for each.

From the standpoint of the number of animals tested the drive against tuberculosis was most vigorous in Minnesota, where 6,293 cattle underwent the test. Vermont was second with 4,635 and Washington third with 3,855 cattle tested.

The figures, live stock specialists of the department point out, indicate the nation-wide extent of the campaign to stamp out the disease. At the end of October the total number of herds officially accredited as free from tuberculosis after a number of tests was 1,324, more than double the number at the beginning of the year.

Opportunity. Opportunity is a fine thing. So fine, in fact, that some of us miss it.

## NEW OFFICIALS ARE INSTALLED BY MOOSE

Large Crowd Attends Public Ceremonies and Dance Which Follows at Sather's Hall.

Public installation of officers of the Moose lodge was held last Thursday at Sather's hall in the presence of an audience of more than 200 persons, following a closed session of the members of the order which lasted until 8:30 o'clock. Ceremonies which were open to the public lasted for an hour, after which dancing was enjoyed until a quarter of an hour before midnight. Refreshments were served and dancing was resumed until 1 o'clock in the morning. The lodge will give a benefit dance at the hall on Saturday night.

Officers installed were as follows: Owen Hudson, dictator; H. Innes, vice-dictator; Walter Bevins, Prelate; E. A. Sather, treasurer. Music for the affair was by Wilson George's orchestra.

## Big Name, Tiniest Plant.

There is a plant called volvox globator so minute that millions of them could be placed in a small wine glass.

# \$25 Cash Prize

The Bend Merchants' Association will give a cash prize of \$25.00 for the best suggested name for its big monthly bargain day event, which begins April 17. This event is designed to offer to the people of all Central Oregon a buying opportunity. A monthly newspaper will be published. The name you send in will be the name of this newspaper. The merchants want a name full of pep.

FILL OUT THE COUPON BELOW WITH THE NAME YOU DECIDE ON AND MAIL TO THE BEND MERCHANTS' ASSOCIATION, BEND, OREGON:

I offer the following name for the Bend Merchants' Association Bargain Day Newspaper.....

Signed .....  
Address .....