DAIRY FACTS

TESTING FOR TUBERCULOSIS

Bulletin Issued by Department of Agriculture Outlines Three Principal Methods.

(Prepared by the United States Department of Agriculture.)

The three principal methods of testing cattle for tuberculosis are described in detail by L. B. Ernest and Elmer Lash in Circular 249, Tuberculin Testing of Live Stock, just issued by the United States Department of Agriculture. The tests in use are the subcutaneous, the intradermic, and the ophthalmic. The circular lists the advantages and disadvantages of each test and gives directions for applying. Information is also given regarding the use of various combinations of these tests.

In the past, say the authors, tuberculin testing was regarded by many persons as being a routine operation that required little skill in its application or interpretation, but experienced veterinarians are required to obtain good results. In addition they must be men of sound judgment and diplomacy.

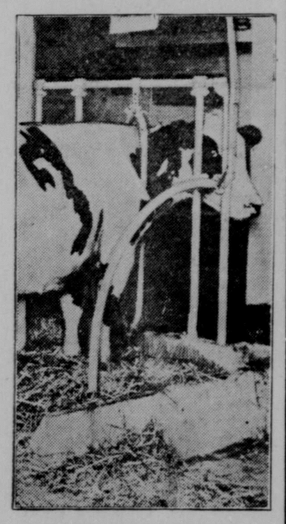
In addition to the discussion of the different tests and the responsibilities of veterinarians doing the testing, the circular contains chapters on the nature of tuberculin, tuberculin testing of swine and poultry, identification of test animals, post-mortem examination of reacting cattle, and necessary work following tuberculin testing. The circular is illustrated with photographs and charts and is of particular interest to veterinarians. Copies may be had on application to the Department of Agriculture, Washington, D. C.

TURNING LOSSES TO PROFITS

Authorities at Ithaca Say Low Producer Is Loser—Suggestions for Improvement.

The low-producing cow is a money loser all around.

So say authorities at the New York state college of agriculture at Ithaca, who cite one herd as an example where the average production for each cow for a year was only 6,585 pounds of milk. After all costs were charged, including all feed, interest on investment, depreciation, and service fees, the owner had left for his



Cows Must Be Kept Comfortable.

labor 45 cents an hour. The three poorest cows averaged 4,201 pounds of milk, giving the owner 12 cents an hour for his labor, while the best cow produced 11,501 pounds of milk, giving the owner $1.16 an hour.

Here are some suggestions from the college which will help in turning losses to profits:

First, keep a herd of healthy animals.

Second, keep a herd that has the inherent ability to produce milk at a low cost.

Third, supply the herd with a proper ration.

Fourth, obtain the ration at the lowest possible cost; use legumes.

Fifth, supply the ration in the proportions to obtain best results.

Sixth, furnish individual drinking buckets so that the cows can have water when desired.

Seventh, provide a well ventilated and lighted stable.

Eighth, never forget that the herd must be kept comfortable and contended.

Ninth, aim to produce a quality product.

Tenth, know your business by keeping records.

WEIGHING MILK TAKES TIME

According to Kansas State College Six Minutes Daily Are Required for Records.

Basing its statement on actual experience, the Kansas state agricultural college says that in a herd of ten cows six minutes a day are required to weigh the milk and maintain the records. Can anyone think of a better way to spend six minutes a day?

FILM ANALYZES HORSE MOVEMENTS



Despite Large Number of Tractors Now Used by Farmers the Draft Horse Still Holds His Own on Most Farms.

(Prepared by the United States Department of Agriculture.)

You have seen a horse walk, trot, pace, gallop, run and jump, but do you know just how he does it? You can learn how from a new United States Department of Agriculture motion picture, "The Horse in Motion."

This one-reel film, sponsored by the bureau of animal industry, is an analysis by means of a high-speed camera of all the important gaits of horses. The gaits are first shown at normal speed, followed by the retarded action, one-eighth of normal. The normal pictures were made 16 to the second, but the slow pictures were made 128 to the second. Among the types of horses shown are draft animals, pacers, trotters, hunters, runners and cavalry horses.

The technique of the jumps is demonstrated by Dandy Dude, owned by Gen. John J. Pershing, who was present at the first showing of the film in Chicago, before the Horse Association of America. The movements of cavalry horses are shown by three troops of United States cavalry in a stirring charge on the parade ground at Fort Meyer, Va.

"The Horse in Motion" will be circulated through the Department of Agriculture's film distribution system. Copies may be bought by authorized purchasers at the cost of printing.

FACTS ESSENTIAL IN CO-OPERATIVE MOVE

Farmers Must Keep Close Account of Their Expenses.

Official of Department of Agriculture Says Attention Should Be Given to Proper Determination of Charges for Use of Land.

(Prepared by the United States Department of Agriculture.)

To prevent either undue enhancement or depression of prices of farm products, farmers engaged in co-operative marketing must keep close account of their costs of operation, Dr. Henry C. Taylor, chief of the bureau of agricultural economics, United States Department of Agriculture, said in substance in addressing the American Farm Economic association at Chicago.

"Farmers who associate themselves for collective bargaining are likely to go wrong if they are not guided by proper cost accounting," Doctor Taylor said. "They may either unduly enhance prices in specific cases, contrary to the Capper-Volstead act or they may over-stimulate production and in the long run depress prices below the proper point.

"To make the right decision regarding what crops to grow, equipment to use, intensity of culture, and the most profitable method of disposing of the products, the cost of various operations as well as total costs are needed. Particular attention should be given the proper determination of charges for the use of land, unpaid labor and other non-cash items, and to the costs incurred by new producers who have entered the field on account of rising prices."

Such accounting will also give agricultural economists considerable information necessary in the proper analysis of agricultural conditions, it was pointed out.

PUREBRED STOCK IS BETTER

Offspring Worth Practically 50 Per Cent More in Sale Value Than Grades and Scrubs.

More than 500 farmers and breeders raising all kinds of domestic animals answered questions sent out by the United States Department of Agriculture, and from these replies it has been determined that these men consider purebreds 40 per cent better from a utility standpoint than common stock. They say that offspring of purebreds are worth practically 50 per cent more in sale value than the offspring of grades and scrubs. Also, purebreds were found in nearly all cases to be more readily salable.

HENS WITH LIGHTS DO WELL

One Hundred Fowls in Course of Seven Months Make High Returns of $235.38.

In a recent experiment with 100 hens without lights and 100 hens with lights the hens without lights made a return of $197.90 during a period of seven months from December to June inclusive. The hens with lights brought receipts of $235.38 in the same length of time.

USE CHOICE BREEDING FOWLS

Some Farmers Still Pursue Old-Fashioned Policy of Using Eggs From Whole Flock.

Too many farmers still pursue the old-fashioned policy of breeding from the whole flock of poultry. It is far better to have just one or two small pens of your choicest fowls from which to set eggs and hatch chicks. Thus your standard of quality will show improvement from year to year.

LEATHER LOSSES CAN BE GREATLY REDUCED

Careless Handling on Part of Farmer Reduces Value.

Long-Used Vegetable Tanning Materials, Products of Farm and Forest, Are Totally Inadequate at the Present Time.

(Prepared by the United States Department of Agriculture.)

In calling attention to the need for more study of the care of hides, the making of leather and its care, the bureau of chemistry of the United States Department of Agriculture says that the farm, which produces the raw materials, uses more of the finished products than does any other industry. The total number of hides and skins used in making leather in this country in 1914 was more than 140,000,000, costing the tanners, it is estimated, $240,000,000 plus $45,000,000 worth of tanning, curing, and finishing materials. The factory value of leather goods made from these materials is estimated at more than $650,000,000, for which the ultimate user paid at least $1,000,000,000.

Better methods of tanning, says the department, should materially reduce the cost of shoes and harness to the farmer. Country butchers and farmers now supply about 30 per cent of the hides and skins used in this country. Carelessness lack of knowledge of taking off, curing, and selling these hides and skins cause the loss of about one-third of the value to the farmer. These losses are at least $15,000,000 annually.

The long-used vegetable tanning materials, which are direct products of the forest and farm, are totally inadequate at the present time, says the department, to supply the country's needs. Through better processes and more intelligent care many millions of dollars can be conserved annually in leather goods. The Department of Agriculture has published bulletins dealing with the tanning of hides and the care of leather—shoes, harness, belts, etc.—to make it wear longer.

WHITEWASH IS VERY USEFUL

Standard Recipe as Recommended by University Farm Will Be Handy in Spring Cleaning.

With the annual clean-up time at hand, good use can be made of a good quality of whitewash. A standard recipe for such, as recommended by University farm people, is as follows:

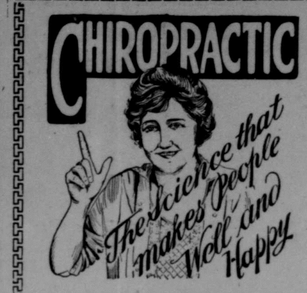
Slake one-half bushel of fresh lime with boiling water, covering the receptacle to keep in the steam. Strain the liquid through a fine sieve, and add seven pounds of fine salt, previously dissolved in warm water; three pounds of ground rice, boiled to a thin paste and stirred in; one pound of white glue, soaked first in cold water until swollen, then carefully melted over fire.

To this mixture add five gallons of hot water and let it stand covered for a few days before using.

EXPERIMENTS ON DRY COW

Lime and Phosphorus Have Much to Do With Milk Production and Unborn Calf.

The United States Department of Agriculture has made some experiments with regard to the feeding of a dry cow. Lime and phosphorus have much to do with the milk production and building up of the body of the unborn calf. For that reason it is a good practice to feed the cows well when they are dry and at the end of their lactation period in order that they may store up these valuable elements for use when the large demand of the lactation period is made.



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PUBLIC SALE

— OF —

PERSONAL PROPERTY

on Court street, Westminster, Maryland, March 10, at 12 o'clock

The undersigned, having sold his home on Court street, will sell at Public Sale on the premises stated above on

SATURDAY, MARCH 10, 1923

at 12 o'clock, the following Personal Property, to-wit:

MAHOGANY LIVING ROOM SUIT
consisting of 3 rockers, settee, straight chair, and table.

JACOBIAN DINING ROOM SUIT
consisting of extension table, buffet, china closet, tea-cart, 6 side chairs, and arm chair.

BIRD'S-EYE MAPLE BED ROOM SUIT
consisting of bed, bureau, chiffonier, dressing table, desk, straight chair and rocker, MAHOGANY BED ROOM SUIT, consisting of bed, bureau, wash stand, and chairs. Twin beds, ivory finished; several bed springs, 4 mattresses, folding bed and mattress, oak double type writing desk, fumed oak sectional book desk, brass costumer, antique chest of drawers, cedar chest, 4 porch rockers, oak leather rocker, plain oak rocker, marble top wash stand, North Star Refrigerator, kitchen cabinet, oak kitchen table, 4-burner oil stove, 4 kitchen chairs, victrola, large looking glass, several pictures, several trunks, Incubator, (120 egg capacity) lot of jarred fruit, three 10-gallon jars, one 8-gallon jar, two 2-gallon jars, ten 1-gallon crocks, several lard cans, 100 empty jars, 75 glasses of jelly, lawn mower, axes, garden hoes, forks, shovels, 60 foot hose, Winchester pump gun, coal oil stove, porch swing, three 9x12 feet Arminster rugs, 4 3x5 feet Axminster rugs, 4 3x6 feet Axminster rugs, 27-inch by 12 feet runner, 9x12 feet Domus rug, 9x12 feet Gold Seal Congoleum, 2 large floor lamps, large desk lamp, electric iron, 2 tubs, aluminumware, oak chiffonier, Vital carpet cleaner, and many other useful articles too numerous to mention.

NOTE:—The above furniture, rugs, etc., have been used but very little, and are all practically new, having been purchased only a short time ago.

TERMS:—All sums of $5 and under, cash; all sums above this amount a credit of six months will be given, on notes, of approved security, bearing interest from day of sale. No property to be removed until the terms of sale are complied with.

GROVER C. TAYLOR,

Court Street — — — — Westminster, Md.

Lewis H. Blizzard, Auct. Harry G. Berwager, Clerk.

Sheriff's Sale

— OF —

TELEPHONE AND TELEGRAPH POLES

The undersigned, Sheriff of Carroll County, Maryland, by virtue of a writ of fieri facias issued by the Circuit Court for Carroll County, Maryland, at the suit of Jacob H. Marker, against the goods and chattels, lands and tenements of Albert F. Arrington, and to me directed, I have seized and taken in execution the following telephone and telegraph poles, comprising 6005 running feet, to-wit:

3 Poles 65 feet — 3 Poles 60 feet
6 Poles 55 feet — 11 Poles 50 feet
14 Poles 45 feet — 25 Poles 40 feet
39 Poles 30 feet — 25 Poles 35 feet
43 Poles 25 feet,

now on the farm of William Babylon and wife, adjacent to the village of Frizzellburg, Carroll county, Maryland.

And I hereby give notice that on

SATURDAY, MARCH 10, 1923,

at 10 A. M., at the

COURT HOUSE DOOR

in Westminster, Carroll county, Maryland, I will sell the said telephone and telegraph poles, so seized and taken into execution, at public auction, to the highest bidder, for cash.

E. EDWARD MARTIN,
Sheriff of Carroll County, Md.

So far no one has claimed that long skirts make it any easier for the women folks to do the housework.

The boys are getting flitted up with dinner jackets, while mother has all she can do to keep father from coming to dinner in his short sleeves.

The argument for preservation of our forests is so feasonable that it will be a long time before Congress can be persuaded to act.

The voters are exhorted to stick to party lines, but when election day comes they may be more interested in fish lines.

People never realize how big their feet are until they try to do the modern dance.

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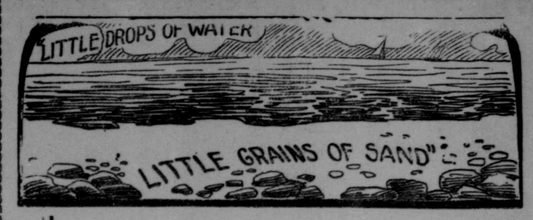
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