

# DAIRY FACTS

## CLEAN UP TO CHECK DISEASE

Diseases of Calves Have Been Lessened at Ohio Station by Disinfecting Dairy Stables.

Disinfecting dairy stables checks contagious and infectious cattle diseases. A thorough clean-up followed by disinfection about twice a year with a coal-tar disinfectant is recommended by the Ohio experiment station.

Calf diseases have been lessened in the dairy herd at the experiment station.



Spraying a Dairy Stable.

tion by disinfecting the stables each spring and fall. Digestive troubles, particularly white scours, have not been troublesome and fewer deaths in calves have occurred after this practice was adopted. Less garget in cows has been evident. The same treatment will help to hold in check tuberculosis and contagious abortion in herds where these diseases are prevalent.

Thorough disinfecting is urged to kill all disease germs in every possible lurking place. Mangers, stalls and floors need special attention. Coal-tar dips are used at the experiment station. After disinfection the stables are whitewashed.

## GENERAL CARE OF UTENSILS

Four Important Rules That Should Be Followed in Washing and Drying Milk Vessels.

General recommendation for the care of utensils are:

1. Rinse in lukewarm water as soon after use as possible.
2. Wash in hot water containing washing powder which will remove grease.
3. Rinse in clean hot water and place in live steam 15 seconds, drain and place right side up until steam evaporates.
4. Invert in a clean protected place when dry.

## LOCATE CAUSE OF LAMENESS

Many Make Mistake of Not Making Careful Examination, Simply Applying Some Liniment.

Cows go lame. Instead of making a careful examination to find out the cause, we use a lot of liniment and think we have done all that is required. After much suffering on the part of the innocent animal we find perhaps that the trouble was due to a nail or something else in the foot. It pays to watch for and guard against such accidents to live stock.

## UTENSILS NEEDED FOR TEST

Outfit Can Be Procured From Any Creamery Supply House for Comparatively Small Sum.

The utensils needed for the Babcock test are a Babcock tester, a few test bottles, a pipette, an acid measure, some sulphuric acid and a pair of dividers. All this can be procured from any creamery supply house for from \$5 to \$10, according to whether a four or an eight bottle tester is wanted.

## MILKING MACHINE IN FAVOR

Attention Called to Device on Account of Labor Shortage—Farmer Saves Time and Labor.

The labor shortage calls marked attention to the milking machine. It will pay to install one on farm where 20 or more cows are milked daily. You can get as much milk as by hand milking and can save time and labor.

## CARE OF PERISHABLES

Proper Methods of Handling, Shipping and Storing.

United States Department of Agriculture Making Effort to Decrease Great Waste of Fruits and Vegetables.

(From the United States Department of Agriculture.)

In an effort to decrease the great waste of perishable fruits and vegetables due to careless and improper handling, which subtracts hundreds of thousands of pounds of food from the country's supply each year, the bureau of markets and the bureau of plant industry of the United States department of agriculture will, as rapidly as practicable, extend the present demonstration and investigational work with producers, shippers, carriers and warehousemen regarding proper methods of handling perishables. This work will be taken up with funds just made available in the food production bill recently enacted by congress.

Specialists declare that the successful transportation or storage of perishables is primarily dependent upon careful and proper handling methods when being prepared for shipment. If carelessly or improperly handled when harvested and packed, all care exercised thereafter to insure sound condition may be largely ineffective and result in serious loss to the producer as well as loss of foodstuffs to the consumer. Specialists in the harvesting and handling of fruits and vegetables, through demonstrational work and other practicable means in the important producing sections, will reach as many producers and shippers as possible.

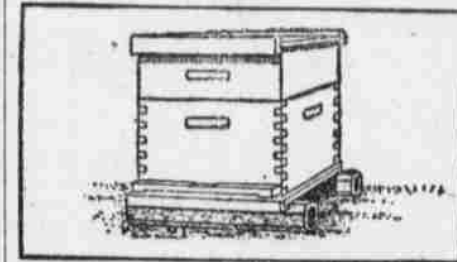
These and other specialists also will advise producers in the construction and alteration of storage houses for products that can be successfully stored, especially without artificial refrigeration, and in regard to the most efficient use and management of such storage houses. Specialists declare that losses of fruits and vegetables are high in many well-constructed storage houses merely because the equipment is improperly used.

The department will seek to reduce losses of perishables still further by demonstrating to carriers and urging upon them the use of improved refrigerator cars which give uniformly greater refrigeration efficiency with marked economies as regards ice consumption and in heavier loading. Several thousand refrigerator cars have been built or rebuilt in practical conformity with the results of recent investigations and are in use on many railroads. It is the hope of the department specialists that the use of uniformly better equipment may become much more general during the years when war needs make the conservation of food especially important.

## MAKE DURABLE HIVE STANDS

Tile Drain Pipes or Concrete Blocks Are Excellent—Dryness Assured and Decay Avoided.

Tile drain pipes or concrete blocks can be used to make good hive stands. Such stands are durable and keep the hives dry, thus preventing decay. As hives vary in width from 14 to 18



Durable Hive Stand.

inches, the stands must be about 18 inches wide. Concrete blocks 2 by 6 by 18 inches can be made cheaply or drain tile of the same length bought.—Farm and Home.

## GIVE ATTENTION TO CALVES

Sour Milk, Irregular Feeding and Varying Temperatures Will Not Make Good Animals.

If you have spring calves you need give them attention in order to keep them growing. Sour milk, irregular feeding, and varying temperatures of the milk will not make good calves. After the calves have been changed to skim milk the temperature of the milk can gradually be reduced until cold milk is fed all the time. It had best be cold all the time than warm one feed, cold another and hot another. If a farm separator is used, of course the milk should be fed as soon as skimmed.

## REASON FOR LESS CHICKENS

High Price of Grain Has Caused Many Farmers to Part With Fowls—Eggs Also Higher.

Because of the present prices of grain, there is a tendency this year on the part of poultrymen to keep fewer hens and to raise fewer chickens. The price of grain is higher now than for years. Many farmers killed off their flocks last year and many are keeping a smaller percentage than ever before. They have not stopped to consider the poultry situation seriously. While feed has gone up 40 to 70 per cent during the past year, eggs also have increased in price.

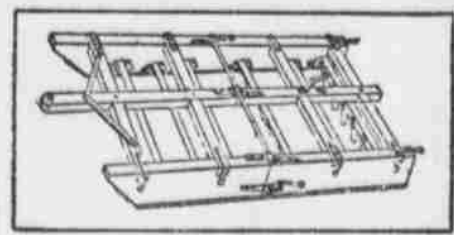
## BILLION DOLLARS LOST

One-half of the manure produced in the United States is not saved for fertilizer, according to a statement of Carl Vrooman, assistant secretary of agriculture. When this loss is figured on the same price basis as commercial fertilizing materials it amounts to approximately one billion dollars annually.

## SUITABLE AS A CLOD CRUSHER

Not Only Does Machine Perform Duty for Which It Was Intended, But Also Cuts Scrubs.

This is a machine, a simple one at that, that will perform double duty for the farmer. Not only does it crush the clods, a purpose for which it originally was invented, but the inventor has attached a scrub-cutting device, so that the two operations are simultaneous. Also the rear half of the cutter



Clod Crusher.

can be folded up and latched on top of the crusher so that only the latter is working where there is no scrub to be cut. The cutting operation is performed by a number of scraper knives attached to the sides and rear of the framework, so that no naughty scrub escapes.—Farming Business.

## TO PRODUCE INFERTILE EGGS

Formerly Farmer Was Not Paid for Trouble, but Now Merchants Have Learned Value.

It pays to produce infertile eggs. Many merchants are now paying an extra price for these eggs, according to Ross M. Sherwood of the department of poultry husbandry in the Kansas State Agricultural college.

Two classes of merchants buy eggs from the farmers. One pays a slight increase in price for infertile eggs and the other pays the same price for both fertile and infertile eggs. The swat-the-rooster movement made it possible for the farmer to market infertile eggs.

Formerly the farmer was not paid for his trouble in producing infertile eggs as the merchants did not know the value of the infertile eggs for market purposes, pointed out Mr. Sherwood. Recently, however, it has been brought to the attention of the merchant, that he can afford to pay a premium for infertile eggs because they will keep much better. He will be able to ship his eggs to a good market with the assurance that they will grade as first and seconds, instead of thirds when they reach their destination.

## SUPPLY FEED ANIMALS LIKE

To Obtain Best Results It is Best to Cater to Beast's Appetite—Watch Them Closely.

Animals are much like human beings in that they have their own individual preference for certain foods. While this preference is formed by habit, to get the best results with the feeds, it is best generally to cater to the animal's appetite.

Some horses will not do well without oats in the ration. Others do not especially care for oats, but require corn, some require more hay than others, some must have ground feeds. To get the best results such animals should be humored.

Our problem in feeding is to watch the animals and see that they get the feeds they require and no more. Feed left in the trough or scattered on the ground out of reach of animals does not produce.

Even in feeding cattle a skillful feeder will soon learn the different animal's peculiarities and meet their requirements in such a way as to get economical gains. If he does not watch closely he is likely to waste feed while some of the animals are not getting enough.

## ACTIVITY IS LIFE OF FOWLS

Best Results Obtained by Feeding Sparingly in Morning and Heavily in the Evening.

A very common practice with many flocks is to feed the same quantity of scratch feed both morning and evening. Better results have been obtained by feeding quite sparingly in the morning and heavily at night. A hen likes to scratch and work for her food. Don't make it too easy for her. Remember activity is the life of the hen.

## USE FOR UNTILLABLE LANDS

Rough Spots Often Can Be Made Profitable as Pastures—Use Other Parts of Farm, Too.

There are often to be found on farms of any extent rough, untillable lands that cannot be used to advantage in crop production and that could be used profitably for grazing purposes, but the idea that this class of land only should be used for pastures is not correct.

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## DOBBLIN HAS A DAY DREAM

Faithful Old Horse Will Have Regular Thrill When He Casts Off His Shoes.

When the automobile and the tin Lizzie shall at last have relegated the "hoss" to the limbo of things obsolete, will the noble animal degenerate and hark back to his ancestral type, or will he simply disappear like the dodo? asks "Zim" in Cartoons magazine.

It has taken a lot of time and patience to develop Dobbin from the primitive models such as the hydracotherium, the pachynolophus and the coltippus, to make him "whoon," back and "gitup" and take his meals out of a nosebag. In the process of civilization he has gradually lost his toes and has had to accommodate his feet to the horseshoe. Does he still dream perhaps of the delights of having toes—of sinking them down into the green sward of the tertiary era and feeling the cool goo trickle up between them? If so, how glad he will be some day to look down and see his long-forgotten toes beginning to sprout once again! His will be the thrill of the small boy on the first warm day of spring when he can cast off his shoes and go bare-foot.

When the "hoss" discovers for the first time that he can again wiggle his toes, he will doubtless radiate a smile of solid comfort.

## A Big Man.

"Her husband is a big man in the show business."  
"That so? A producer?"  
"No. Bouncer in a downtown burlesque theater."

A Culinary Necessity.  
He-It is awful this raise in bread. She-La, me, John, bread's got to raise, hasn't it?  
Even though a man stops growing while young, he may grow old.

A girl's idea of an industrious young man is one who is too busy to propose.

## A Fifty-Fifty P. M.

Postmaster Hanks ran the general store as well as the post office and one summer morning a lanky youth slouched in, removed his battered straw hat and said:

"Mr. Hanks, I un'erstand there's two letters here fur me—one wot come a month ago and one wot come last week. I'm afeared my folks must be sick, or else they wouldn't be writtin' so plann often. Let me have them letters, will ye, Mr. Hanks?"

The postmaster glared at the youth. "No, Peleg Anderson, I won't let ye have them letters till ye settle fur that lot o' groceries wot's been owing so long!"

"The young man took out some money.

"I kin settle half the account, Mr. Hanks," he said.

"Then," said the postmaster, in a milder voice, "I kin give ye one o' yer letters," and he did so. "Squar' up in full, Peleg Anderson, an' ye'll git yer other letter, but not before."

## New Weather Words.

The esteemed weather bureau has sprung a new one. It is the word "smog," and it means smoke or fog. The bureau explains that very frequently there are times when the mixture is apparent in the atmosphere, and it considers the new word a great little idea.

Very well, "smog" let it be. But why on't there? Let's call a mixture of snow and mud "smug," a mixture of snow and soot "snoot," and a mixture of snow and hail "snail." Thus we might have a weather forecast: "Snail today, turning to snoot to-night, tomorrow smoggy with smud."—Builder's Guide.

## What it Does.

"What does golf do for a man?"  
"Well, for one thing, it makes him decide to take his vacation in the winter when he can go south."

It is better for a man's conscience that he be sorry for what he didn't get than for what he did.

## SEE NAPOLEON IN KERENSKY

Many Regard Great Russian Leader, Now Thirty-six, as Like French Hero.

A writer in the National Geographic magazine observes that those who, like Plutarch, seek for parallels in the lives and characters of men whose genius directs the fate of nations, will find many interesting points of similarity between the man of destiny of the French revolution and the man of the hour in Russia's day of liberation from the oppression of autocracy. Napoleon was in his thirty-first year when he became first consul of the French republic; Kerensky, premier of the Russian cabinet and now exercising the powers of dictator in order to restore order in the empire, is just thirty-six.

Throughout his career Napoleon suffered from an incurable internal malady, supposedly cancer of the stomach; Kerensky is also tortured by a disease (supposedly tuberculosis of the liver), which prevents his working at fever heat more than a few weeks at a time; then he is forced by weakness to recuperate for three or four days in a sanitarium in the Crimea.

Napoleon's judgment of men was instant and almost infallible; Kerensky is reputed to possess the same faculty to a remarkable degree.

Kerensky is an impassioned orator of forceful, incisive style. His exhortations to the soldiers of the new Russia have much in common with the inspiring appeals of Napoleon to his soldiers before the Battle of the Pyramids and elsewhere.

Sure She Did Love Him. June—Did she love him much? Tell—Why, she married him in spite of her parents' urging!—Life.

When Adam and Eve visited the tree of knowledge they hardly had time to study the higher branches.

Grass seeds germinate in from fourteen to eighteen days.

# Eat More Corn!

When you eat corn instead of wheat you are saving for the boys in France.

Corn is an admirable cool weather food.

Whether or not you like corn bread, corn muffins, "Johnny Cake", or corn pone, you are sure to like

# Post Toasties

The newest wrinkle in corn foods—crisp, bubbled flakes of white corn—a substantial food dish with an alluring smack—and costs but a trifle

## Make Post Toasties Your War Cereal