

PREVENT BREEDING OF FLIES

Essential That Carcasses of Dead Animals Be Buried or Buried—Method of Control.

(Prepared by the United States Department of Agriculture.)

The black blowfly, the bluebottle fly, and the flesh flies are common breeders. They attack wounds on living animals mainly as a result of the presence of the flies in abnormally large numbers. To prevent the breeding of the black blowfly it is essential that carcasses be buried or burned, even during the winter months. Thus the proper disposal of carcasses becomes of much importance all the year. Where these flies become a nuisance by contaminating food products or by entering houses, which is usual in towns or cities, attention must be given to the proper disposal of garbage, as they will breed in the meat scraps in garbage cans or on dumps as well as in carcasses.

To destroy maggots in sores the same method as for the screw worm is to be followed. It is not always possible to prevent maggot infestation following dehorning, but if periods of cool weather in winter are chosen for this operation usually no trouble follows. To prevent maggots from gaining entrance to wounds the application of pine tar is advised. Following dehorning, some advise covering the wounds with pieces of cloth dipped in pine tar. Many of these will remain in place several days.

The tails of lambs are sometimes infested by maggots following docking. This can be largely prevented



There are thoughts that lie too deep for words. There are dreams and hopes we never share. There are secret pages in life's book. And we alone know what is there.

THE ART OF TEA MAKING.

The three components of tea are essential oil, theine and tannin. These give character to the beverage. The flavor of the tea depends chiefly upon the essential oil. The caffeine found in coffee is an alkaloid like theine and the fatigued one who finds refreshment and restored energy from a cupful of tea has been stimulated by this ingredient.

There are hundreds of blends of teas but those commonly known and most used are English Breakfast, Formosa, Oolong, Ceylon, Orange Pekos, young Hyson and Souchong.

Properly brewed tea is an important essential. Tea should not be infused too long and should under no circumstances be boiled.

Ceylon tea is the tea best liked for food tea and when serving it hot the tea ball is desirable.

Green tea known by gun powder, Hyson and various other names, is much lighter in color, a drink of high fragrance, but a bit more harsh than black teas. The English know the value of fresh boiled water for the fragrant beverage.

In many places certain springs or wells have water which makes a most superior tea, the tea makers going many rods to carry this precious water to have the right tasting cup of tea.

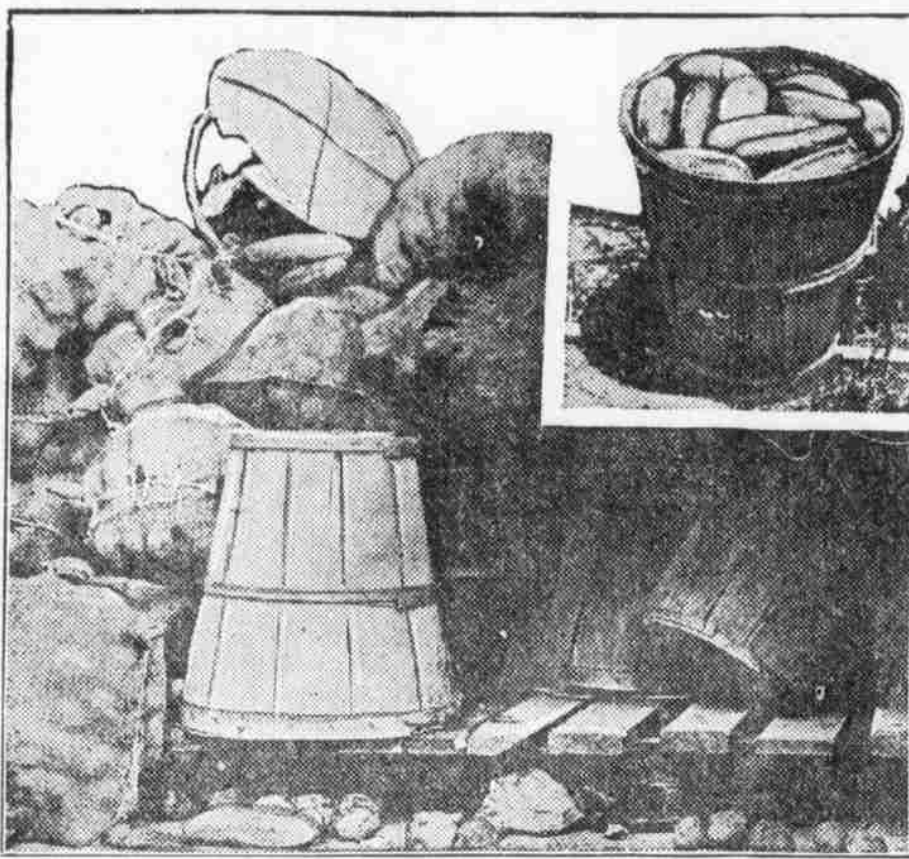
Russians, we are apt to think, always require a slice of lemon in their tea while as a fact they serve jam with their national drink, dropping it into the tea which is drunk from tumblers.

In Morocco the leaves of thyme and verberna are added to the tea to lend it piquancy.

Our Part in Feeding the Nation

(Special Information Service, United States Department of Agriculture.)

SAVE FOOD AND CAR SPACE, TOO.



Carload of Potatoes and Cucumbers Badly Damaged as the Result of Improper Bracing—Upper Right-Hand Corner, Basket of Cucumbers Crated for Market.

PROPER LOADING TO AVOID WASTE

Greater Care on Part of Shippers in Packing Perishable Produce Is Urged.

HEAVY LOADS ARE CARRIED

Heavy Demands on Railroads Due to War Conditions Have Increased Difficulties in Handling Fruits and Vegetables.

It is not enough to select, grade, and pack perishable produce carefully; it must be properly loaded in the cars to prevent food waste. Many thousands of pounds of fruits and vegetables that are not properly loaded in freight cars arrive at large market centers in such condition that they must be rejected and sold at low prices, while the cargoes are practically ruined from shifting and lack of ventilation in transit.

But the loss is not borne entirely by the producer and shipper, for today, with the nation at war, every freight car must haul more cargo, and improper loading, which wastes food, also wastes car space, because cars loaded less do not serve the nation's needs.

Carry Heavier Loads.

Reports from railroads and shippers that under the stress of war short freight cars have been carrying heavier loads than in the past, and in some cases maximum safe loading has been worked out for certain crops. The department of agriculture and the railroads are endeavoring to educate shippers to the necessity for proper loading, arrangement, and bracing of cars to prevent injury in transit.

Shipments of carefully graded produce, such as peaches, put up in good condition have been received at market in condition that they had to be rejected before they could be sold. The damage to the fruit was great. All this is due to the fact that the cars were not properly loaded and braced in the cars.

When loads are braced properly and arrive intact, inattention to shipments of refrigeration and ventilation results in great losses from mold and decay. Efficient loading of perishables prohibits putting so much in a car as to result in such losses. The limit of safety must be adhered to even though there is danger through car shortage of not being able to ship the entire crop. If cars are properly loaded with open spaces between packages and an ample air passage beneath floor racks, the maximum weight of carloads may be greatly increased, with less danger from loss than with light loads put in the cars indifferently. Very perishable produce, such as cherries, peaches, pears, and plums, being shipped under refrigeration, need special attention in this regard, since fruit loaded within two feet of the roof does not receive proper refrigeration, and unless this space is open the remainder of the load is in danger through inadequate circulation of air to and from the ice.

Standard Ventilation. Produce that can be shipped safely under "standard ventilation" (vents open, without ice) may be loaded near the roof with less danger than produce that requires ice. But safe shipment of such produce requires air spaces above, between, and below the packages, so that cool, fresh air entering the open vents may reach all parts of the load, otherwise the latent heat of the produce, together with the heat

generated when closely packed together, will cause rapid decay and great losses.

Mixed carlot shipments are sometimes received with the produce, such as potatoes and cucumbers, scattered through the load because the containers have broken open in transit. It is well in mixed carlot shipments to see that each type of produce is loaded by itself, spaced and braced, so that it will not shift about while traveling to market.

DON'T WASTE CAR SPACE

You know that, at this time, food is precious and that none of it can be allowed to go to waste.

Do you know that, at this time, freight car space is equally precious and that to waste it is to invite disaster?

When shipments of produce and other perishable food products are not properly packed in the car, they fare badly and there is loss of food.

When produce, vegetables and the like are not properly packed in the car, there is loss of equally valuable car space.

For your own protection from money loss, and for the protection of the country from food loss and shipping loss, exercise scrupulous care to see that shipments are packed properly in the car.

Helping on the Farms.

Farm women, boys, and girls in Indiana are helping food production by taking the places of the men who have been called to the colors and the city industries. Investigation of the cost of milk production, conducted by the dairy division of the United States department of agriculture, in co-operation with Purdue university, shows that, in 1915-16, hired men performed nearly half of the work in the dairies in the Chicago milk district of northern Indiana. A year later, after many of these men had left to join the army or responded to the higher wages paid by the steel mills and munition factories at Gary, Ind., and other cities, the women and young people went out to the barns and are now performing over half of the labor which was formerly done by the hired men. The men who are left at home are also spending more time in the dairies, but, were it not for the fact that their families are helping them, they would have considerably less time to devote to the production of much-needed crops.

Efficiency and the Beehive.

A productive colony of bees may be likened figuratively to a machine which consumes in friction 90 per cent of the energy applied. This is not a high degree of efficiency when measured by this standard. The colony in a box hive, then, is likened to such a machine in bad repair and with no attention, in which all the energy is used simply to drive the wheels. Such a machine is totally unproductive. The properly housed colony which is badly manipulated is then comparable to the machine in good repair but in the hands of a poor mechanic. Such a machine may do fair work for a time, but the mechanic fails to do the necessary work at the right time and the machine is only occasionally productive. Finally, the productive colony is like a good machine in the hands of a good mechanic. While energy is consumed simply to run the machine, the good mechanic does the right work at the right time and obtains the greatest possible reward in the machine's output. Such a figurative comparison must not be carried too far, and is used here only to point out the lamentable waste in much present-day beekeeping.



DAIRY PRODUCTS IN DEMAND

Essential to Well-Being of Nation and Effort Should Be Made to Maintain Supply.

(Prepared by the United States Department of Agriculture.)

The shifting demands due to the war have called for important changes in the dairy industry. Dairying is one of the largest of the agricultural enterprises of this country and the demands upon it will be in proportion to its importance. Dairy products are essential to the well-being of the nation and every effort should be expended to maintain the supply of this country and so far as possible to meet the increasing demands of the allies. Some of the principal advantages of dairying are:

1. The sale of dairy products furnishes a steady income throughout the year. The farmer who depends upon crop sales for his income usually makes the bulk of his sales during one or two months of the year, while during the rest of the year he has no cash



These Dairy Cows Are Doing Their Part in Feeding the Nation.

income. Such a system requires long credits in the community.

2. The market for dairy products fluctuates very little year by year as compared with other farm products.

3. Through the return of manure to the land the fertility and physical condition of the soil may be maintained at a high level and crops increased. Even after many years a properly maintained dairy farm has constantly increasing crop yields instead of decreasing ones.

4. In dairying, labor may be utilized at a more uniform rate throughout the year, for example, may have to employ much additional labor at harvest time, but so far as the dairy is concerned the dairyman has about the same duties to perform every month of the year. Thus less help is required seasonally and permanent employees may be kept.

5. Through the dairy cow many unsalable roughages may be transformed into products from which cash may be realized. Grass, hay, corn-fodder and other roughage which may not have a ready sale are economically utilized by the dairy cow. Land which is not suitable for cultivation can be utilized for pasturage for dairy cows.

DUTIES OF DAIRYMEN GIVEN

Use Best Methods of Breeding and Management and Utilize All Products to Advantage.

(Prepared by the United States Department of Agriculture.)

The duties and responsibilities of dairymen are especially important in the maintenance of the dairy industry for the good of the nation. An opportunity is presented to dairymen to serve humanity by the conservation of dairying. Their part is to use the best methods of breeding and management, feed wisely and economically, and utilize all products to the best advantage. The fuller utilization of by-products for human food brings an added financial return that will do much to help maintain the industry. We are depending upon the ingenuity and efficiency of the American people to play a large part in the winning of the war. This same ingenuity and efficiency must be used in the productive industries as well as in destructive ones. If, after putting into effect the best methods and practices for economy and efficiency, it still is necessary to dispose of dairy cows, the dairymen should endeavor to sell them to other dairymen, better situated, in order that the supply of milk may not be reduced.

On the small farm, and it is from such farms that the bulk of our dairy products come, most of the work is done by the farmer and his family. Would it not be possible on many of these farms to keep one or two or three more cows without great inconvenience? This and increased efficiency will meet the situation. We shall have milk for our babies; we shall maintain our industry; we shall have dairy products for our armies, and, in addition, shall be able to share liberally with our friends across the sea.

Proper Feeding for Calves.

Calves should be fed on food that will develop a strong, vigorous constitution and a large frame, with a healthy appetite—the milk veins and udder manipulated, or rubbed to increase capacity early in life and up to the time heifer drops her first calf.

THAT CHANGE IN WOMAN'S LIFE

Mrs. Godden Tells How It May Be Passed in Safety and Comfort.

Fremont, O.—"I was passing through the critical period of life, being forty-six years of age and had all the symptoms incident to that change—heat flashes, nervousness, and was in a general run down condition, so it was hard for me to do my work. Lydia E. Pinkham's Vegetable Compound was recommended to me as the best remedy for my troubles, which it surely proved to be. I feel better and stronger in every way since taking it, and the annoying symptoms have disappeared."—Mrs. M. GODDEN, 925 Napoleon St., Fremont, Ohio.



Such annoying symptoms as heat flashes, nervousness, backache, headache, irritability and "the blues," may be speedily overcome and the system restored to normal conditions by this famous root and herb remedy Lydia E. Pinkham's Vegetable Compound.

If any complications present themselves write the Pinkham Medicine Co., Lynn, Mass., for suggestions how to overcome them. The result of forty years experience is at your service and your letter held in strict confidence.

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NR Tonight—Tomorrow Feel Right

It is a mistake to continually dose yourself with so-called laxative pills, calomel, oil, purges, and cathartics and force bowel action. It weakens the bowels and liver and makes constant dosing necessary.

Why don't you begin right today to overcome your constipation and get your system in such shape that daily purging will be unnecessary? You can do so if you get a 25c box of Nature's Remedy (NR Tablets) and take one each night for a week or so. NR Tablets do much more than merely cause pleasant easy bowel action. This medicine acts upon the digestive as well as eliminative organs—promotes good digestion, causes the body to get the nourishment from all the food you eat, gives you a good, hearty appetite, strengthens the liver, overcomes biliousness, regulates kidney and bowel action and gives the whole body a thorough cleaning out. This accomplished you will not have to take medicine every day. An occasional NR tablet will keep your body in condition and you can always feel your best. Try Nature's Remedy (NR Tablets) and prove this. It is the best bowel medicine that you can use and costs only 25c per box, containing enough to last twenty-five days. Nature's Remedy (NR Tablets) is sold, guaranteed and recommended by your druggist.



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