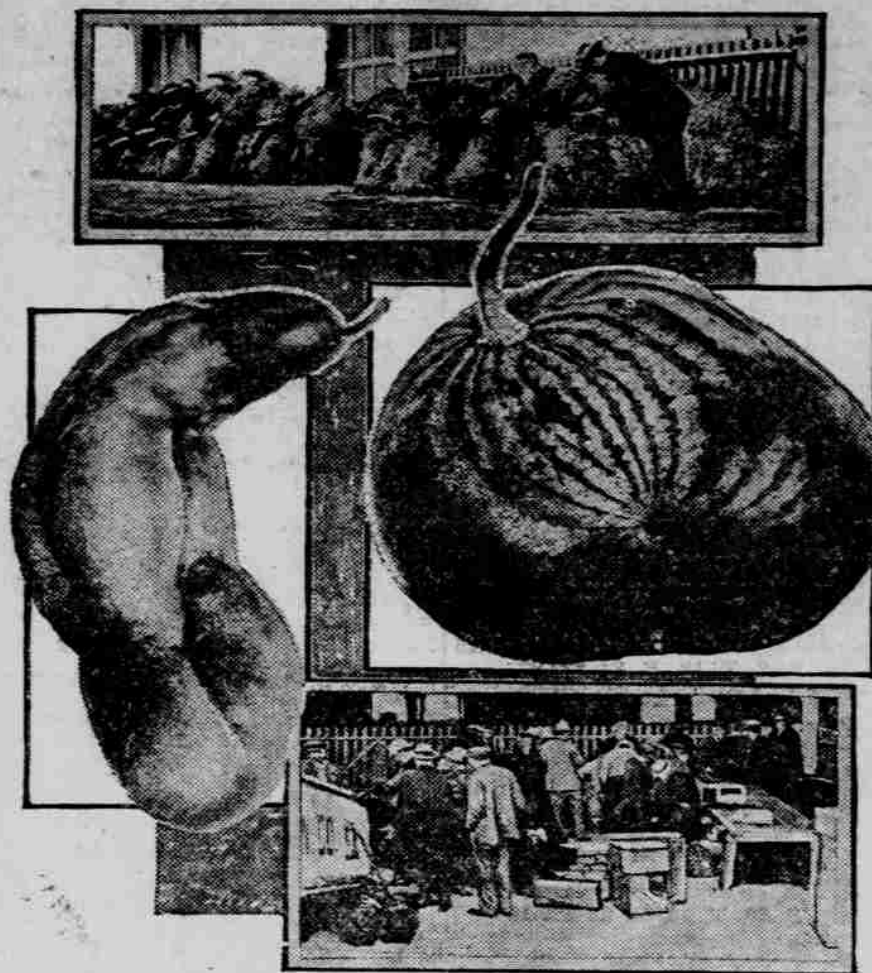


Our Part in Feeding the Nation

(Special Information Service, United States Department of Agriculture.)
GUARDING AMERICA FROM NEW INSECT PESTS



Top, Inspector Examining Bananas on San Francisco Docks; Center, Cucumber and Watermelon Decayed and Deformed by Fly Attacks; Bottom, Baggage of Travelers Arriving at San Francisco From Hawaii Being Inspected for Infested Fruits and Vegetables.

INTERCEPT AND DESTROY FLIES

Half of Insect Pests Could Have Been Kept Out of Country by Quarantine.

FRUIT FLIES ARE BEAUTIFUL

Immense Losses Caused Annually to Fruits and Vegetables of United States Could Be Prevented—Precautions Being Taken.

More than half of the insect pests that annually cause immense losses in fruits and vegetables of the United States could have been kept out of this country by thorough quarantine against them, according to officials of the United States department of agriculture. To guard against more injurious insects being brought in from other countries is the object of the federal plant quarantine act of 1912 which, with the development of knowledge of insects throughout the world, has resulted in the bars being put up wherever the pests are likely to enter.

Among the insects of other lands that have not yet become established in this country are the serious pests known popularly as fruit flies. They resemble ordinary house flies but are far more beautiful, inasmuch as their wings are prettily spotted and banded and their bodies are usually more brightly colored. They are like house flies also in that they lay small, white eggs that hatch into whitish maggots. However, the maggots do not develop in refuse or decaying matter as do those of the house fly, but they feed upon the living tissues of fruits, nuts and vegetables. Eggs are laid just under the skin of the host plant or fruit and these hatch into the maggots which burrow in all directions through the pulp. As the maggots tunnel about they cause decay to develop and these rotting areas often produce greater injury than the maggots themselves.

Where Danger Lies.

Increasing imports from the countries where fruit flies now abound, extension of trade to remote corners of the earth, increasing density of population in the warmer portions of this country, are making greater each year the danger that fruit flies may become firmly established in the United States.

To intercept and destroy fruit flies as well as other pests, the federal horticultural board of the department of agriculture, charged with the enforcement of the plant quarantine act, prohibits the entry of all horticultural products likely to carry insect pest, unless they have been rendered free from danger as pest carriers, either by federal inspection or by treatment by approved methods under federal supervision.

The department also has established in the Hawaiian Islands a system of inspection that is heartily supported by fruit growers and transportation companies, whereby all plantations and packing houses from which fruit is shipped are kept from becoming sources of fruit-fly dissemination.

No shipments of fruit can be made from Hawaii to the Pacific coast or unloaded there unless they have first received federal approval. The federal horticultural board also maintains a fruit-fly specialist whose duty it is to gather available information regarding this pest either by travel in foreign lands or by correspondence with specialists serving foreign governments.

Aid From the Public.
Travelers from foreign lands have been called upon to help to the utmost in seeing that they do not become the carriers of insect pests. Printed matter calling attention to the serious consequences that may follow the careless and unintentional introduction of fruit flies from Hawaii is distributed to all persons entering Pacific ports from the Hawaiian Islands. Each passenger must sign an affidavit stating that he has in his baggage no fruit subject to fruit-fly attack. Inspectors who search the baggage of incoming travelers for fruits carrying fruit flies or their maggots find infested fruit every month. Any one of these instances if not dealt with promptly and properly might mean the loss of thousands or millions of dollars to American farmers and fruit growers.

FRUIT FLIES SPREAD

The Bermudas probably would not now be infested by the Mediterranean fruit fly had not a sailing vessel bound for New York from the Mediterranean region during the Civil war times, been blown from her course and forced to unload her cargo containing infested fruits at St. George. The Mediterranean fruit fly did not become established in Australia until steamships and cold storage made it possible for the infested Mediterranean countries to ship oranges to Perth and Sydney. With the pest established in eastern Australia the ships plying between Australia and Hawaii carried the maggots to Honolulu, and today the inspectors of the state of California and the United States are intercepting infested fruits on ships arriving at San Francisco and San Pedro from Honolulu and Hilo.

Fertilizers From Wastes.

Industrial wastes furnished about 40 per cent of the potash, 8 per cent of the phosphoric acid, and 85 per cent of the nitrogen used in this country in 1916, according to a recent United States department of agriculture publication, "Fertilizers From Industrial Wastes."

The potash was obtained from such wastes as tobacco stems, cottonseed hulls, hardwood ashes, wool washings, blast-furnace fine dust, cement fine dust and sugar residues; the phosphoric acid from bones, shells, fish scrap, basic slag and other materials; and the nitrogen from wastes in the manufacture of castor, linseed and fish oils; from animal wastes, as blood, hair, horns, hoofs and hides; from leather and wool wastes, coke, and many other substances.

Mating Guinea Fowls.

Guinea fowls have a tendency to mate in pairs, but one male may be mated successfully with three or four females.

WHAT CAN WE DO?

The Stage Woman's War Relief is a large charity with many branches. Among its activities is a committee which has charge of the making of wind-proof vests for aviators and other fighting men who find it difficult to dress so as to keep warm. These vests are made of old gloves and pieces of leather and are warmer than sweaters. It is said they are a great protection against "beasties" that are sure to assault the soldier. Gusts of wind cannot get by them.

Everyone who has old kid gloves to spare should contribute them to the army or learn how to make the vests. The Stage Woman's War Relief has a large light loft, installed with electric sewing machines, where the vests are made. Many of the gloves are sent in already cleaned—and this is a great help—others are sent to the cleaner. Then they are cut to form flat pieces of leather. These are matched up for size and color. After they have been pressed out they are basted together and stitched on paper patterns.

The reverse side of the vest is made of cotton flannel or other cloth, provided with a practical and roomy pocket and then the vest is neatly bound with braid. Leather book covers and leather postcards can be used in these vests, as well as gloves, and some interesting—not to say amusing—vests result from the use of these. Any sort of usable leather may be commandeered for this purpose—pill-top, table covers and book covers. The leather must be firm and whole, and contributions are doubly welcome when they come in clean.

It is easy to understand that better vests can be made where large contributions of leather are received and the pieces can be matched up, than otherwise. Also then the women making them become expert. Anyone wishing to do something useful in almost any community can undertake to accumulate leather for this purpose. Through the schools a great many gloves have been gathered, the pupils getting contributions at home that are brought to the teachers and sent by them to the collector. Stores will sometimes make contributions of old styles and cleaners give gloves that have never been called for by their owners. The collector may place her materials through the Red Cross or send them to the Stage Woman's War Relief at 18 West Thirty-fourth Street, New York.

The Touch-Stone.

The well-dressed woman knows that it is in detail that she can prove her right to the title. Even last year's frock can be given a very up-to-the-minute air with a becoming new veil, new neck accessories or a girdle of decorative value. Any one of these aid-de-camps will work wonders in rejuvenating a costume. Take, for instance, the girdle. The plainest of dresses becomes interesting at once when one is added. The importance of the girdle in this year's fashions was exemplified the other day in one of the new plays, in which a young actress wore the plainest dress of white crepe, which had a girdle that was turned once at the left side and the ends finished with deep silk fringe. It made the costume, and the ensemble was stunning.

Evening Gowns Passe.

Evening gowns are now almost a lost art. Few women are buying them. In their place we find afternoon frocks of lace or net or point d'esprit, combined with satin. Above all, however, come the pretty soft chiffons in neutral shades—beige, navy, black, mauve and gray. These clinging chiffons round out afternoon and evening occasions. For the older woman they are the type of frock par excellence.

CORSETS FOUNDATION OF GOOD DRESSING



The problems of the makers of corsets are many and difficult, but the corsets of today are marvels of skillful designing. In the first place those who create corset styles must understand thoroughly the various types of figures and they must undertake to make each one of them shapely without the sacrifice of comfort. This is not at all easy; for the too-slender woman must be given pretty curves and the fat woman must have hers smoothed out. Besides, women demand corsets that are light in weight and have few bones or steels. Fashion decrees that women shall be so carefully corseted that they look uncorseted when they are dressed. The contour of the figure must conform to beautiful lines.

The new corsets are made of firm but very flexible materials and with the fewest possible number of bones. They are nearly all very low in the bust and give perfect freedom to the diaphragm. There are equally good models in front and in back-laced styles so that each woman must determine for herself which is best suited to her figure.

The corset is the foundation of successful dressing and should be fitted with the greatest care. We have all met women who achieve the best style in the simplest frocks and suits. It is all a matter of beautifully balanced lines and one must begin at the beginning to possess them, and the beginning is the corset that fits and shapes the figure. All good dressmakers understand this.

A front-laced and a back-laced corset are shown here. At the left the corset designed for a slender figure is

a trifle higher in the front and considerably higher in the back than the model designed for a fuller figure which is shown at the right. Corsets for stout women are very low in the bust; for it is their province to lengthen and straighten lines that are too much curved. When the corset has been properly fitted and the contour of the figure made as nearly correct as the corset can make it the way of the dressmaker is easy; all she has to do is to preserve the lines which result from good corseting.

Julia Bottomley

Length of Blouses.

It is evident that all blouses that bear the stamp of fashion will extend halfway between the waist and knees. These blouses are often sleeveless when worn under coats. They are built of colored chiffon that does not match the gown, or of linen, albatross, silk and woolen jersey and corded silks. Every effort is being made to put out of fashion the blouse that ends at the waistline and cuts off the figure.

Neck Lines.

Both the high and extremely low neck line are introduced in one dinner dress. Over the slip of finer material, which is very low cut, an overdress is used, of lace or tulle, which has the higher neck line and long sleeves. Another new type of these dresses is the gown, which is very high at the back of the neck and low in front.



Don't Neglect a Bad Back!

It's Mighty Poor Policy to Worry Along Thus Handicapped When Health and Strength is So Needed

THE man or woman handicapped with a bad back in these times when physical fitness is so necessary, is indeed crippled. It's mighty poor policy to worry along with an aching back day after day; work is neglected and the simplest duties are a burden. Flowing, planing, harvesting, churning, the daily household all throw a heavy strain on the kidneys and kidney ill, with attendant backache, are a common result. Don't wait! Neglect may mean gravel, dropsy or Bright's disease. Get a box of Doan's Kidney Pills today. They have helped thousands. They should help you.

Personal Reports of Real Cases

A MISSOURI CASE.

Park H. Hall, Fifth and Main Sts., Rolla, Mo., says: "I was so lame that I couldn't attend to the most ordinary work owing to sharp twinges in my loins. I was also bothered by too frequent passages of the kidney secretions. After using Doan's Kidney Pills a short time, my back regained its strength and my kidneys were so strengthened that they gave me no further trouble."

The above statement was given in November, 1908, and on August 25, 1916, Mr. Hall added: "I think Doan's Kidney Pills are the best kidney medicine on the market. I still take a dose now and then and they keep my back strong and my kidneys in fine shape."

ANOTHER MISSOURI CASE.

Mrs. D. W. Weedon, 1817 R. R. St., Lexington, Mo., says: "Before I used Doan's Kidney Pills I almost had a case of dropsy. My feet and ankles were so swollen I had to keep increasing the size of my shoes. My hands and wrists were swollen, too, and my kidneys were out of order. The kidney secretions were unnatural and I had headaches and dizzy spells. A nagging pain in the small of my back kept me in a run-down condition and I could hardly sleep because I was so nervous. Doan's Kidney Pills cured me." (Statement given May 25, 1908.)

On September 12, 1916, Mrs. Weedon said: "I am just as strong an endorser of Doan's Kidney Pills now as ever."

DOAN'S KIDNEY PILLS

60c a Box At All Stores. Foster-Milburn Co., Buffalo, N. Y., Chemists

Eleven million women and girls are at work in our industries.

Lemon Juice For Freckles

Girls! Make beauty lotion at home for a few cents. Try it!

Squeeze the juice of two lemons into a bottle containing three ounces of orchard white, shake well, and you have a quarter pint of the best freckle, sunburn and tan lotion, and complexion whiter, at very, very small cost. Your grocer has the lemons and any drug store or toilet counter will supply three ounces of orchard white for a few cents. Massage this sweetly fragrant lotion into the face, neck, arms and hands and see how freckles, sunburn and tan disappear and how clear, soft and white the skin becomes. Yes! It is harmless—Adv.

Experiments have shown that good paper can be made of grapevine.

Antifat Treatment.

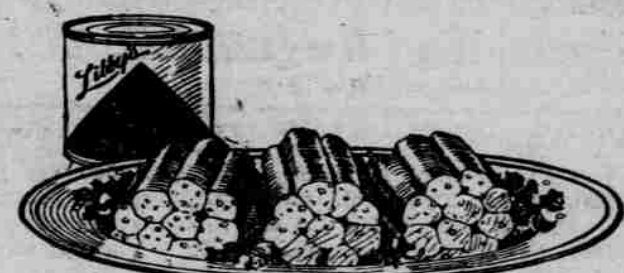
Miss Slim—You have lost considerable weight in the last few months. Are you dieting?
Miss Fatleigh—Oh, no. That's only because of the trouble I have with my cook.
Miss Slim—Why don't you discharge her?
Miss Fatleigh—I'm going to. As soon as she worries me down to 175 pounds I shall order her out of the house.—Boston Transcript.

Somewhere.

Mrs. Flatbush—So your husband is "somewhere in France?"
Mrs. Bensonhurst—So I believe.
Mrs. Flatbush—But don't you know where?
Mrs. Bensonhurst—No.
Mrs. Flatbush—Don't you feel somewhat concerned?
Mrs. Bensonhurst—Why, no. When he was here I knew he was somewhere in America, but half of the time I didn't know where.

Practical Talent.

"What a wonderful touch that writer has!" "He has, indeed. He can borrow money from anybody."



Libby's Vienna Sausage A Refreshing Change

THE tenderness of the meat, the delicacy of the seasoning are noticeable the moment you taste Libby's Vienna Sausage. For it is made from morsels of choice meats, seasoned with the greatest care—to bring out all the rich, savory flavor.

Serve Libby's Vienna Sausage today. Not only is it a refreshing change, but a hearty and inexpensive meat.

Libby, McNeill & Libby, Chicago

Every Woman Wants

Paxtine

ANTISEPTIC POWDER FOR PERSONAL HYGIENE
Dissolved in water for douches, baths, pelvic catarrh, ulceration and inflammation. Recommended by Lydia E. Pinkham Med. Co. for ten years. A healing wonder for nasal catarrh, sore throat and sore eyes. Economical. The extraordinary cleaning and germicidal power. Sample Free. 25c. All druggists, or postpaid by mail. The Paxtine Toilet Company, Boston, Mass.



SEEDS
Alfalfa, Sweet Clover, etc. Farms for sale and rent on crop payments. J. MULHALL, See City, Iowa

Write Us Before Selling Your

WHEAT

HODGSON-DAVIS GRAIN COMPANY
Receivers of grain on consignment. Orders for future deliveries. Corn for feeders. 12-13 Board of Trade Bldg. "22nd Floor" Kansas City, Mo.

TIRES ON SALE

In order to reduce our tremendous stock of Red Star special tread tires we offer at these low prices: Size 16x32, \$2.50; 16x34, \$3.00; 16x36, \$3.50; 16x38, \$4.00; 16x40, \$4.50; 16x42, \$5.00; 16x44, \$5.50; 16x46, \$6.00; 16x48, \$6.50; 16x50, \$7.00; 16x52, \$7.50; 16x54, \$8.00; 16x56, \$8.50; 16x58, \$9.00; 16x60, \$9.50; 16x62, \$10.00; 16x64, \$10.50; 16x66, \$11.00; 16x68, \$11.50; 16x70, \$12.00; 16x72, \$12.50; 16x74, \$13.00; 16x76, \$13.50; 16x78, \$14.00; 16x80, \$14.50; 16x82, \$15.00; 16x84, \$15.50; 16x86, \$16.00; 16x88, \$16.50; 16x90, \$17.00; 16x92, \$17.50; 16x94, \$18.00; 16x96, \$18.50; 16x98, \$19.00; 16x100, \$19.50; 16x102, \$20.00; 16x104, \$20.50; 16x106, \$21.00; 16x108, \$21.50; 16x110, \$22.00; 16x112, \$22.50; 16x114, \$23.00; 16x116, \$23.50; 16x118, \$24.00; 16x120, \$24.50; 16x122, \$25.00; 16x124, \$25.50; 16x126, \$26.00; 16x128, \$26.50; 16x130, \$27.00; 16x132, \$27.50; 16x134, \$28.00; 16x136, \$28.50; 16x138, \$29.00; 16x140, \$29.50; 16x142, \$30.00; 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