

HOW TO CONTROL PEACH LEAF CURL

The following circular, issued to the fruit men of Douglas county by Earl Pearey, former horticulturalist at the Oregon State Hospital orchards and now fruit inspector and horticulturalist for Douglas county, is submitted as being of interest to the peach growers of Marion county also:

"This disease very seriously injured the peach orchards of Douglas county last year. The loss was so severe that many growers became discouraged and chopped down their trees. This is unnecessary because peach leaf curl can be controlled providing the nature of the disease is understood and the proper spray applied early and thoroughly.

"The spores of this fungus winter over in the bark and particularly on the buds of the peach tree. They are there now and will quickly germinate on the tissues of the tips of the new leaves as the buds swell and open. Once established in the leaf no spray can reach it that does not kill the leaf itself. It quickly spreads in the tissues causing an abnormal cell growth to take place resulting in the misshapen, distorted, thickened leaf which everyone recognizes as peach leaf curl. When the mycelium of the fungus has completed its growth and matured it begins to produce its fruiting bodies on the outside of the leaf from whence the countless spores issue to infect the orchard next spring again nearly nine months ahead. When the spores are matured the leaves drop taking with them the loss of a crop of peaches and a year's growth of the tree, and in extreme cases causing the death of young trees. A new late crop of leaves is usually

formed.

"Complete control of this disease has been secured by spraying as early as November but January or early in February is generally advised because the pruning is usually finished by then and it is easier to distinguish the buds. The prunings should be burned before the buds open.

"Bordeaux 5-5-50 is recommended in this county because many growers reported poor results with lime sulphur last season. To mix 50 gallons dissolve 5 pounds of blue vitriol, or copper sulphate as it is chemically known, in 25 gallons of water by suspending in a sack near the top of the liquid 50 pounds of lime and add 25 gallons of water, keeping it in a separate barrel from the blue vitriol. Pour the copper sulphate into the spray tank and start the agitator as the lime is added or else pour the two solutions together. For large quantities a stock solution may be made, using a pound to a gallon, i. e., in one barrel dissolve 50 pounds of copper sulphate and in another the 50 pounds of lime. To use take 5 pounds from the stock and add 50 gallons of diluted spray. If lime sulphur is used the 1 to 15 strength is recommended.

"Spray immediately; not two or three weeks hence, but on the first good day, if this disease is to be controlled this year. This is important as the buds are dangerously close to the infection stage. Spray thoroughly, covering every particle of the tree surface laying special stress on the buds. Wet all sides of every twig. Remember Uncle Sam needs these peaches this year.

weeks and was attended by the 257 company managers and the entire New York city force. All expenses of those in attendance were paid by the company.

Mr. Jarman says the meeting was very interesting, instructive and enjoyable. Many matters of interest were brought before the convention and methods of management were discussed. A part of the program was the inspection of merchandise from numerous mills and factories throughout the nation. Another feature was the announcement that notwithstanding the war condition, the company had fully determined to establish a large number of new stores this year.

Mr. Jarman says he brought away from the convention many new ideas as to the store management which he expects to use to advantage in the conduct of the J. C. Penney business in Salem.

LOCAL FACTORY IS SOME SIGHT

It Will Be Worth Anyone's While to Give Salem-Kings the Once-Over

If you have never had curiosity enough to make a short trip out on North Front street, to see one of the biggest factories in the Willamette valley turn out food products in carload lots, it will pay you to take an afternoon off, and call upon Manager "Jack" Walker just plain "Jack" is the name he likes best, especially when you see him in his working clothes and if your eyes don't open wide with surprise, your car fare will be refunded.

The Salem-Kings Products company is becoming well known to all eyes and just now they are preparing potatoes at the rate of twenty tons a day. The women take off the "jackets" deftly with sharp little knives, then they go into hoppers, eventually being sliced, and sometimes turned out into tiny cubes for soup stock.

A long row of sample bottles in the office shows each kind of product turned out, including apples, peaches, pears, apricots, cherries, loganberries, prunes, raspberries, strawberries, beets, carrots, beans, cabbage, cauliflower, celery, onions, parsnips, pumpkins, rhubarb, squash, spinach, tomatoes, turnips, cranberries, etc.

When finished in the evaporator the product, whatever it be, is packed in paraffine cartons by machinery operated automatically, this one machine having cost the company nearly \$100,000, including all its duplicate parts.

Sales are made in the home office in Portland by the Wittenberg-King company, the parent house, and just now the plant here is working on a large order for a jobbing house in Chicago.



Many take advantage of this offer

The news of the unusual values obtained at this sale is spreading. Each purchaser tells his friends. They come and bring others. Our sales are increasing each day. We are really making you a wonderful offer. Just think of it, a new suit, made to your measure, at the old price with AN EXTRA PAIR OF PANTS FREE. Many new suitings just received. Come in and look them over.

SCOTCH WOOLEN MILLS STORE
426 State Street
Salem, Oregon

SALEM DOCTOR CURES CANCER

Mrs. Juliet Adams, Prominent Resident of Polk County, Cured of Cancer of the Face.

To Whom It May Concern:

For six years I suffered with cancer of the face. I was haunted by the realization that it was steadily becoming worse. As a last resort I applied to Dr. S. C. Stone for treatment. He applied a remedy for a few days and the cancer dropped completely out. I am happy to say that I am now completely free from the dreaded disease.

I cheerfully recommend Dr. Stone and his treatment.

Mrs. Juliet Adams, R. 1, Box 14, Salem, Or. November 20, 1917.

I will be pleased to refer you to other Salem people whom I have recently cured of cancer.

S. C. STONE, M. D.,
Consultant and Advice Free.

Stone's Drug Store
241 North Commercial Street
Salem, Or.
Phone 35

ALDERMEN MAY BE PETITIONED

Steusloff Suggests Asking Council to Provide for Meat Inspector

By W. C. COWGILL.

Those who are most interested in the appointment in Salem of an inspector of meats and dairy products, especially meats, seem to be listening for George to do it, or in other words shifting the responsibility of making the first move in the right direction onto the shoulders of others.

Chairman F. W. Steusloff of the Marion county food conservation committee, commenting on the lethargy shown by those who should be most interested, said yesterday:

"For the protection of the general public, and to insure a square deal to the producer in the first place, and the consumer or the general public in the second place, we must get busy at once, as the time is at hand for making shipments abroad, as well as replenishing stocks of fresh meat in the city itself."

"Proposal should be made at once to the city council for the appointment of an expert man to that most important position. His expenses will be saved many times in the health of the people, and the certainty that his certificates of inspection will pass in Portland, or any other market to which our shippers may choose to send meats."

"Just look, for instance, at the little town of Paris, Texas. A short time ago it was notorious for its unsanitary condition generally, and especially in the meats on its markets. It has a population today of less than 10,000, but its citizens took the bull by the horns and appointed a city meat inspector, and built its own abattoir. Today it is the cleanest city of its size in the United States, and its meats go all over the state of Texas as A. No. 1."

"We will see what can be done with our city council, and maybe we can convince the members of the urgency of the matter, just at the beginning of the hot season, even to a city-owned abattoir, as a part of its 'clean house' program."

Jarman Has Returned From Salt Lake Conception

D. B. Jarman, local manager for the J. C. Penney company, returned Friday evening from Salt Lake City, where he attended the annual convention of the J. C. Penney company. The convention lasted for three

ment. This is an unusual procedure, as it is generally customary for a new diplomatic representative to wait until his predecessor leaves Washington before presenting his credentials.

Chevalier Van Rappard is returning to Holland to take a post with ministerial rank in the department of foreign affairs, where, it is said, his duties will be to prepare Holland's case for presentation at the peace conference.

Minister Phillips will arrive in Washington on Monday and will at once enter upon his duties while Chevalier Van Rappard will go to New York next week, there to await a steamer sailing for Holland.

FOREIGN TRADE TO BE REDUCED

Plan Is to Use More Ships for Transporting of Men and Supplies

WASHINGTON, Feb. 9.—Plans for reducing the country's less essential foreign trade to release ships for the transport of troops and supplies to Europe will be completed within a few days and President Wilson's proclamation putting all exports and imports under license as a preliminary step will be issued probably February 15.

The program, it is understood, calls for a considerable enlargement of the war trade board and its functions and contemplates a large reorganization of the board of other government departments. The allies, too, probably will be given representation in some manner inasmuch as they also intend a further reduction of other foreign commerce.

All the countries fighting Germany are preparing to put their ships to war uses eliminating services which cannot be regarded as essential. The shipping board today created a division of planning and statistics with E. F. Gay of Harvard at its head. This division will work with the war trade board in determining what imports and exports can be reduced or eliminated.

DEALS IN REAL ESTATE

Emma R. Branam to Herman Bontrager, part of lot 22 and all of lot 1, block 1, Thomas' addition, Woodburn.

Nielus Mickel to Roman Catholic archbishop of Oregon, 62 acres in D. L. C. of B. Cleaver, 5-1-6-W.

H. E. and Lena Baker to Bessie Bays, lots 1 and 2, block 3, Bishop's addition, Salem.

B. H. and F. Miller to Marion county, land in Jabes Trohune D. L. C., Q. C. D.

R. W. and E. L. Craig to A. H. Crawford, 15 acres in section 17-8-1-W, \$1500.

N. C. and M. E. Rhoades to S. W. and Susan E. Walton, lot 13, block 8, Capitol Park addition, Salem.

GREAT PROBLEM IS MORE SHIPS

Secretary Baker Says Number of Men in France Rests on Industry

WASHINGTON, Feb. 9.—Pointing out that the number of soldiers the United States can place and maintain in France depends upon the number of ships available for their transport and supplies, Secretary Baker tonight called on the friends and relatives of the men in the army to lend their support in every way to the shipping board that the necessary efficient labor may be enrolled in the United States shipyard volunteers.

"They are doing a work of vital importance to the defense of the nation," Mr. Baker said, "and the men who enroll in the shipyards are undertaking a patriotic service as great as any that can be performed behind the firing line."

Retiring Minister of Netherlands Honor Guest

WASHINGTON, Feb. 9.—Chevalier W. L. F. C. Van Rappard, the retiring minister from The Netherlands, was the guest of honor here tonight at a dinner given by some forty friends at the Metropolitan club.

Secretary Lansing has asked the retiring minister personally to present his successor, Augustus Phillips, when the new minister makes his introductory call at the state department.

YANKS HAMMER AWAY AT HUNS

Destructive Fire Is Maintained on Enemy Buildings and Works

WITH THE AMERICAN ARMY IN FRANCE, Feb. 8.—The American artillery continued hammering German positions with marked success last night and today. A destructive fire on enemy buildings and works was maintained. A German battery position was struck by a shell from our large guns and caused a heavy explosion of ammunition. A sheet of flame shot high in the air, the ground trembled and the camouflage protection around the positions was set on fire.

Just before dawn two German patrols were observed in front of our position. A barrage fire called for by the infantry in the front trenches effectively scattered and drove off the enemy.

With our machine guns we lay day harassed the enemy continuously, shooting streams of bullets into working parties or wherever the enemy showed himself. The artillery duel continued all day. The enemy patrols are evidently learning a lesson, for last night while our patrols worked freely all over No Man's Land they were unmolested.

4000 Hun Students Said to Have Gone to Finland

LONDON, Feb. 9.—M. Tokoi, premier of the All-Socialist cabinet of Finland, speaking to the Manchester Guardian's Petrograd correspondent today said, 4000 students, sons of the wealthier classes, who had entered the German army at the beginning of the war, had returned to Finland with arms and ammunition to assist in putting down the Finnish revolution.

M. Tokoi added: "We have information that the Finnish senate attempted to reach a secret agreement with Sweden to send three hundred thousand troops into Finland to drive out the Russian garrisons and compel the withdrawal of the Russian fleet from Finnish waters. In consideration for this assistance, the Aland islands were to be ceded to Sweden."

M. Tokoi said the resignation of Hjalmar Branting, Swedish minister of finance, which took place on January 5, was a sequel to the exposure of this attempt.

U. S. AVIATORS AWAIT TRANSFER

One Hundred Experienced With French Would Fly Under U. S. Flag

WASHINGTON, Feb. 8.—Secretary Daniels said in a speech at the National Press club tonight that the time was coming when President Wilson's dream uttered at St. Louis will be realized.

"That the United States shall have incomparably the greatest navy in the world,"

This result, he said, would be accomplished with "the aid of Henry Ford and some other gentlemen."

Mr. Daniels spoke briefly at a private exhibition of official pictures of the navy. He extolled the work of the navy since the way began as having been filled with glory.

"I do not believe," he said, "that any other organization in the world is so filled with the spirit of enthusiasm and team work. From the newest recruit to the youngest admiral—we have no old admirals—and the navy is a boy organization—they are eager to continue the great record made in protecting the country."

LUMBERMEN IN ANNUAL SESSION

Noted Speakers Appear at Meeting of Western Retailers' Meeting

GREAT FALLS, Mont., Feb. 7.—Retail lumbermen from nine western states met here today for the annual convention of the Western Retail Lumbermen's association which will continue for three days. Noted speakers from the east and west will appear before the convention.

The talks on patriotic subjects will be interspersed with papers of interest to the retail lumber dealers of Montana, California, Oregon, Washington, Wyoming, Utah, Colorado and Nevada.

The convention will be opened by addresses of welcome by the Rev. G. G. Bennett of Great Falls, who will speak on "What Are You Doing with the Talent the Almighty has Endowed You with," and by Govern-

SMUGGLING IS CLEVERLY DONE

Contraband Article Sent Across Mexican Border by Store System

EL PASO, Tex. Feb. 8.—Many ingenious schemes are devised for getting contraband articles across the Mexican border and despite the vigilance of the war trade board and customs officials often succeed. Men in the employ of the smugglers will conceal themselves behind the bullet-proof adobe houses on the Mexican side and fire shots across the border into the United States. This is intended to attract the border patrols to that particular point to investigate the cause of the shooting. The smugglers will then rush their contraband articles across the border at other points distant from the scene of the firing.

Another plan is to have a chain of small Mexican grocery stores established in the Mexican quarter near the border. Contraband goods are sent from wholesale houses to these grocery stores apparently in the course of legitimate business. But the small stores in reality are only blinds for the smugglers who slip out of the back doors of these stores and wade the river with hacks of sugar, flour or lard on their backs. To stop this practice licenses of several wholesale houses were revoked here recently. Women and children are also employed in smuggling.

EXPLANATION FOLLOWED

An amusing story was told to the other day concerning Lord Sandwich, whose long experience in social and welfare work is being utilized by the government in drafting a plan for training British prisoners of war interned in Switzerland. It appears that his lordship recently attended an informal dance organized on behalf of some war charity or other, and during the evening he expressed a wish to be introduced to a certain young lady. The introducer agreed and led him up to the lady.

"May I introduce Lord Sandwich?" he asked.

The young lady, however, evidently thought it was a made-up name, and that the two men were poking fun at her, for she retorted promptly with:

"Why, certainly! And Lord Spencecake, too, if you like."—Pearson's London.

Of 350 claims received by the British government for relief for air raid damage the smallest was for \$1 for a doll's dress, and the largest for \$1450 for furniture.

Hotel SEWARD

Alder at 10th Street
PORTLAND, OREGON

The most homelike hotel in Portland. All Oregon Electric trains stop at the SEWARD.

Rates \$1 and up. With private bath \$1.50 and up.

W. M. Seward, Manager.

NO ADVANCE IN MY SUIT PRICES

Although the price of all woollens has increased by leaps and bounds, I have still a large number of all-wool suitings bought before the rise and will receive orders for suits at the old price. You need not take delivery of the suit at once. Orders placed now at the old price will be delivered to you at your pleasure.

New spring samples and fashion sheets now here for your inspection.

JOHN SUNDIN, TAILOR
347 STATE STREET
SALEM

MORE COAL USED BY FACTORIES

Railroads, Too, Add to Shortage of Fuel Existing in East

NEW YORK, Feb. 9.—Greater consumption of coal by railroads and factories are some of the reasons assigned by the federal fuel administration at Washington for the existing fuel scarcity throughout the eastern half of the nation, according to a statement received by the fuel administrator here and given out tonight.

Government estimates of the production of bituminous coal in 1917 were 544,000,000 net tons, an increase of 41,000,000 over the previous year.

The railroads, which are the largest consumers of bituminous coal, increased their consumption in 1917 between 15,000,000 and 20,000,000 tons over that of 1916 while bituminous coal going into the coke industry increased 3,100,000.

Production in all the coal states west of the Mississippi increased over that of 1916.

In another statement also received here, the national fuel administration declared that exportation of bituminous coal was not an "important factor in the fuel shortage."

General Railroad Strike Called in Argentine

BUENOS AIRES, Feb. 9.—A general railroad strike was called today throughout Argentina. Immediately upon quitting work the strikers began a wild anarchistic demonstration throughout the country. Trains were wrecked, tracks destroyed, cars laden with wheat were burned and wires were cut, preventing news from the interior from reaching this city.

Troops are being rushed to points of greatest disorder. The large yards in the outskirts of Buenos Aires, which cover 22 city blocks, were set on fire by strikers who fought off the firemen. Exploding tank cars added to the conflagration. The strike is a fresh outbreak of the labor troubles which have been dormant since last October.