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UNCLE SAM GUARDS BORDERS AGAINST DESTURCTIVE INSECTS

Has Fumigation Plants Which Take Whole Train of Freight Cars—Watch Mexico Now.

BY ROBERT FULLER.
Written Especially for The Gazette-Times.

Four huge fumigation plants, in which a whole train of freight cars is disinfected in one operation, have been erected on the border between the United States and Mexico to guard against the introduction of plant insect pests harmful to farm crops.

Some of the most destructive plant insects that ravage the crops of American farmers have come from Mexico, including the cotton boll-weevil and the recent introduction of the cotton pink boll-worm, an insect said to be the gravest menace that ever confronted American cotton growing. The American Farm Bureau Federation has recommended to Congress that the pink boll-worm be given immediate attention.

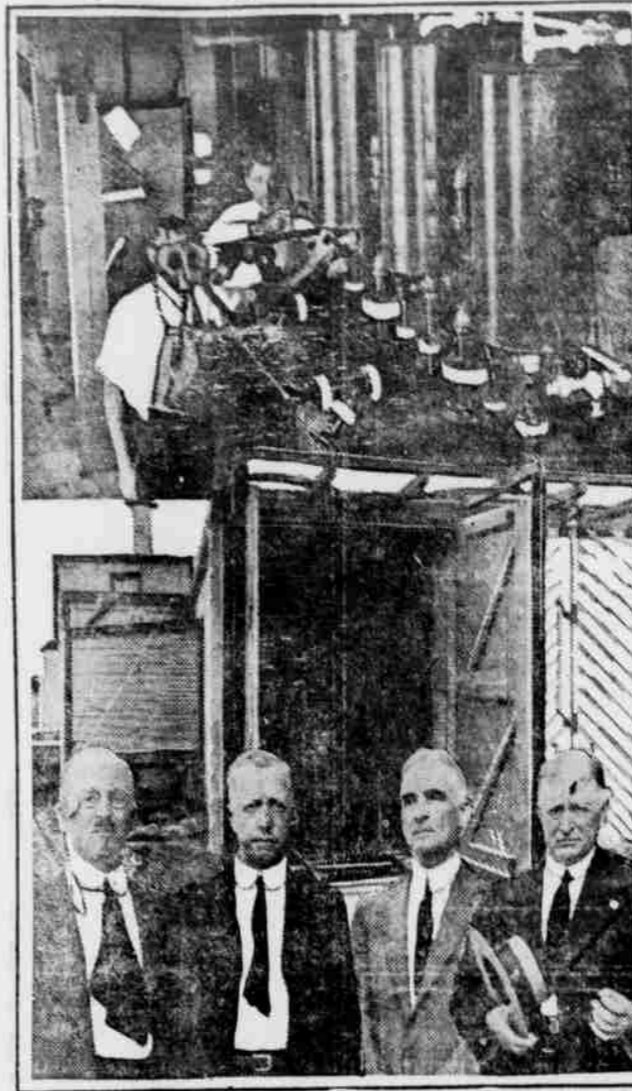
The Federal Horticultural Board, headed by Dr. Charles L. Marlatt, chairman, is the control body which is intrusted with the administration of the Federal Plant Quarantine act.

All ports of entry have government stations where imported goods are fumigated if it is believed there is danger of infestation.

Just now the Mexican border is in the limelight because of the immense damage done to Mexican cotton by the pink bollworm, which has caused as high as 83 per cent loss this year in the Laguna district, the greatest cotton region in Mexico. The insect has appeared in Texas, Louisiana and New Mexico.

A special pink boll-worm commission appointed by the governor of Texas made an official investigation of the Laguna conditions and reported the damage found there to be not less than 50 per cent of the cotton crop. At such a rate cotton could not be grown profitably in the United States, taking into consideration the higher wages paid in this country for farm labor. Plans are under way for stricter enforcement of border regulations and inspection laws.

Uncle Sam Delouses Trains in Fight Against Crop Cooties



Uncle Sam's encounter with the cooties during the war was not a new experience. Although it is not generally known—he has been battling various kinds of crop cooties for many years to the extent that the department's work has developed until now great "de-lousing" machines which fumigate a freight train with ease are in operation. The duty of the Federal Horticultural board is to guard the United States borders and prevent the entrance of injurious plant insects. This board has saved American farmers millions of dollars. Just now the Mexican border is being watched closely against pink bollworm. The pictures show, upper, the interior of a cyanide plant at Laredo, Tex., where the poisonous gas is turned into a string of freight cars coming into the U. S. Center, exterior of a huge fumigation plant built by the Department of Agriculture. Lower, members of the horticultural board which enforces the crop quarantine laws, Dr. Carl B. Kellerman, Dr. W. D. Hunter, Dr. Charles L. Marlatt, chairman, and George B. Sudworth.

Airmen Back From Frozen North



Presidents and red tape will likely be set aside by the Navy Department this week in reimbursement to the three navy balloonists who have just returned from the frozen north of the Hudson Bay district after having established a new navy balloon record of 820 miles. Facing starvation and freezing for four days in the woods northwest of Moose Factory, the farthest northern point of the Hudson Bay Trading Co., the balloonists finally encountered an Indian trapper who brought them into Moose Factory. This picture, the first received in the U. S., was taken at Moose Factory by a clerk when the fatigued balloonists were brought in. They are J. L. Gaudet, manager of the Hudson Bay Co., Lieutenant L. A. Kiefer, commander, Lieutenant Walter Hinton and Lieutenant Stephen A. Farrell. The inserts show Moose Factory and distance of flight. The balloonists sailed from New York Dec. 13. Two hundred miles of the return trip was on dog sleds.

FARM AND HOME POINTERS.
Full foundation sheets in brood combs are important in helping eliminate undesirable drones, keeping combs straight for more easy handling, and saving honey that would otherwise be consumed by the bees while building the comb.—Entomology, O. A. C.
Pigs may be fattened on garbage with little or no grain except for the last week or so, when grain is necessary to keep the animals from paunching. Four pounds garbage is worth one pound barley.—Animal Husbandry, O. A. C.
One colony of bees consumes for its own use 200 to 300 pounds of honey a year.—Entomology, O. A. C.
On certain heavy soils, such as some in Benton county, fall wheat sown thick in the spring makes a splendid summer pasture for hogs.—Experiment

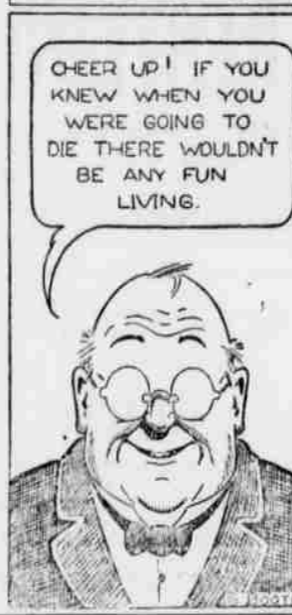
Barley appears to be a very satisfactory substitute for mill run with corn silage and clover hay in dairy feeding. The cows receiving the barley ration at prices when tests were made produced 100 pounds of milk at less cost. They did not gain in weight any more than those receiving mill run.—Dairy, O. A. C.

In getting a clover stand spring seeding with a companion crop often fails. Barley and wheat are probably the best companion crops. Late spring seedings, alone, are satisfactory.—Farm Crops, O. A. C.

Our records indicate that close breeding of poultry has a very decided effect in lowering production, reducing fertility of eggs, and lowering vitality of offspring. Cross breeding or outbreeding has resulted in better vitality and hatchability and better vitality and production.—Poultry, O. A. C.

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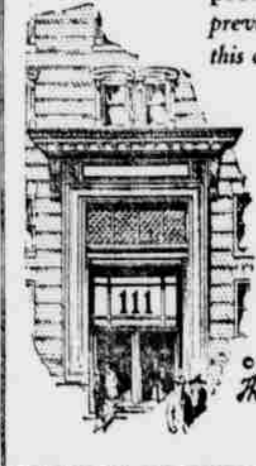
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