

Nicotine Spray Cuts Apple-Washing Cost

Each year apple growers of the nation spend about \$17,500,000 in controlling the codling moth — the greatest amount spent for controlling any one crop pest—but a part of this expense can be eliminated by changing from a lead arsenate insecticide to a newly developed nicotine spray, says J. O. Rowell, entomologist of the State College Extension service.

With lead arsenate, in general use now, the farmer pays to put it on and also pays to wash it off when the apples are sold. With the nicotine spray, the washing job may be eliminated or simplified, Rowell explained.

The new insecticide, developed by the U. S. Department of Agriculture and proven successful in experiments, calls for one pint of 40 per cent nicotine sulphate, five pounds of Wyoming bentonite, and one quart of soybean oil for a 100-gallon full-strength mixture. The bentonite is a fine clay that causes the nicotine sulphate to adhere to the fruit.

However, the extension entomologist explained that the entonite does not mix readily with water, and for that reason the following procedure is recommended: Fill the spray tank with water to the top of the agitator. Pour in the nicotine sulphate before the motor is started; then with the agitator running, pour in the bentonite slowly and follow with the soybean oil before the tank is filled with water.

Rowell said orchard tests showed that the same number of sprays per season with nicotine gave better control of the codling moth than did lead arsenate. There is a gradual "build up" of nicotine on the fruit after the first spray, which makes it possible to reduce the quantity in later sprays. But in the relatively long interval between the last spray and harvest, the nicotine residue drops below objectionable figures. The bentonite residue is sometimes conspicuous enough to require washing or wiping, but this is rarely as difficult as the removal of heavy residues of lead arsenate, especially when used with "deposit-builders."

Chilean Pavilion At Fair Is Opened

Dedication of the Chilean Pavilion at the New York World's Fair, on Sunday, May 21, marks the first official public appearance of Alberto Cabero, the new Chilean ambassador to the United States. Ambassador Cabero, who just arrived in the United States to take up his new duties in Washington, will be the principal speaker at the dedicatory ceremonies.

The Chilean Pavilion, a gleaming structure of steel, glass and concrete, occupies 24,000 square feet of landscaped area in the colorful Court of Nations. An L-shaped structure, two complete faces of the Chilean Pavilion are mirrored in a beautiful crystal-clear pool and through wide panes two stories in height, a giant mural painting by the Chilean artist Camilo Mori, is clearly visible from outside the building.

Of course, Natural Chilean Nitrate of Soda is an important part of the Chilean Pavilion. This natural product, used in Southern agriculture for more than one hundred years, is a major product of Chile. The significance of the natural origin of Chilean Nitrate is cleverly and interestingly emphasized.

Visitors to the Chilean Pavilion will meet two real friends, Uncle Natheci and Sonny. These two characters, who in newspapers, farm papers, over the radio and on calendars, have been featured in the advertising of Natural Chilean Nitrate of Soda, are present in life-size figures which occupy an important spot in the ground floor of the Pavilion.

Many new aspects of the Chilean Nitrate industry are shown—for instance the extent to which it helps to finance the purchase of Chile of American products, and the fact that it is a large factor of Panama Canal tolls. Chile paid toll on 4,235,000 tons of shipments during 1937. She bought some \$24,600,000 worth of finished goods and raw products, including cotton, from the United States during the same year. During the past ten years more than one-third of all Chile's purchases were made in the United States.

The manner in which Chile's importance as an American market is visualized is one of the World's fair's many interesting exhibits. Elaborate animated dioramas and giant mural photographs are features of the exhibit.

Iodine, a by-product of Natural

ONE GOOD COW
1 YEAR PRODUCTION
435 LBS. BUTTERFAT

FIVE POOR COWS
YEARLY PRODUCTION PER COW
170 LBS. BUTTERFAT

NEEDED TO PAY FEED COST: 178 LBS. BUTTERFAT

NEEDED TO PAY FEED COST: 593 LBS. BUTTERFAT

PROFIT ABOVE \$90.75 FEED COST

A popular old riddle, "If a cow and a half cost a dollar and a half, how many cows could you buy for \$10?" has a sequel now when dairymen are stopping to consider when one cow may be worth as much as five. Strange as it sounds, one cow all too often is worth as much as five!

"One cow is worth as much as five," says Meade Summers, head of the Dairy Department of Purina Mills, "when the one cow is fed and managed properly. Five cows producing 170 pounds of butterfat each per year will turn in a total of 850 pounds of butterfat, 593 pounds of which is required to pay feed costs. With only 257 pounds of butterfat left as profit, the owner has a net profit of \$90.75 from his five

cows. On the other hand, one good cow producing 435 lbs. of butterfat per year requires only 178 pounds of her total production to pay her feed costs, leaving a profit of 257 pounds of butterfat worth \$90.75. This makes the one high producing cow worth as much as the other five.

"It's an old, old story, but a true one, nevertheless, and the sooner dairymen make up their minds to sell the 'boarders' and low producers of their herds, the sooner their profits will increase. Get rid of poor cows," the Purina dairymen repeats, "and start feeding the good cows a complete, balanced ration that will keep up production."

Printing Industry Observes Birthday

The printing industry has been celebrating its 300th birthday, America's first print shop having been brought from England to Cambridge, Mass., in 1639. Today there is hardly a cross-roads hamlet without some sort of printing establishment. It is an industry that annually turns out \$2,000,000,000 worth of magazines, newspapers, books, pamphlets, circulars and calendars and easily ranks among America's five leading businesses. Reassurance to printing men was given last week by Walter D. Fuller, president of Curtis Publishing Company, who told an industry convention that no better tool for the whole job of strengthening the distribution system has been conceived. In the future, he said, "though other mediums may be tried in the distraction of our times, printing is destined to be the all-important factor in the distribution of goods from producers to the ultimate consumer."

Chilean Nitrate, vital to the health of humans, as well as livestock, is also interestingly included in the Chilean exhibit.

Headlines In New York Newspapers

U. S. now mobilizing plants for output of essential war materials. Treasury plans for tax law revisions to aid business are ready for submission to congress. Packard Motor car cuts prices from \$100 to \$300; company now has largest production capacity in history. High prices reduce raw silk consumption by 10,000 bales in April. Although public is much interested, buying of television sets lags in first week of retail displays. Utility industry is ready to spend \$1,000,000,000 for new plant facilities in next three years if present governmental restrictions are withdrawn.

DR. V. H. MEWBORN
OP-TOM-E-TRIST
Plymouth office, Liverman Drug Co., every Fri., 2 to 5 p. m.
Robersonville office, Ross Jewelry Store, Tuesday, May 23.
Bethel office: Rives Drug Store, Store, Monday, May 22.
Eyes Examined - Glasses Fitted
At Tarboro Every Saturday
Williamston office, Peele Jly Co., every Fri., 9:30 a. m. to 12 m.

Universal Credit Co. Institutes Campaign

A nationwide advertising campaign using newspapers, has been instituted by the Universal Credit Company to inform the public about the important business of automobile financing. Mr. J. J. Tice, branch manager, announced here today.

"Our campaign is purely educational," said Mr. Tice. It will discuss publicly the important business of automobile financing. A larger part of the income of the American people each year goes into automobile installment purchases, simply because the device of credit provides a convenient way to get new transportation without the immediate outlay of considerable cash.

"Although instalment financing plans have been available for many years, the public never has known except in a vague manner what constitutes fair rates and good service in the field.

"It is estimated that there are now from 400 to 1000 different companies offering automobile financing services to the public.

"As a large national company operating in this field, confining our business to Ford dealers exclusively we felt some time ago that the time had come to give the public an insight into the whole business of automobile financing. We felt that if we could tell the public what services it is entitled to and what charges are fair for such services, we would be able to help car buyers discriminate in selecting a financing service and help them to save money.

"Many car buyers have been deterred from utilizing their right to credit purchasing by the confusion existing in their minds regarding credit methods and practices. The fact that emergency loans for re-

medial purposes are entirely different from transactions involving the time sale income-producing or pleasure-giving articles is not generally understood.

"To describe the operation of a reputable financing firm, we shall present facts about our own company. We shall show that ours is a wholly legitimate and necessary business, performing an important economic service at a reasonable charge, considering the risks involved.

"We shall show that our business is nation-wide in scope and that Universal Credit practices are standard-

Johnston Growers Study Conditions At The Plant

Seventy swine growers of Johnston County have planned a trip to a packing plant at Richmond so as to study the effects of intestinal parasites, bruises, and feeding practices on the dressed carcasses and to see how the bodies are graded for soft and oily pork.

ized throughout the United States. "Finally, we shall trace the intimate connection of automobile installment buying with the prosperity of the country, demonstrating that without the instrumentality of purchaser credit, the automotive industry could never have risen to its present important position."

You Need A Checking Account

You'll find that a checking account at this bank is valuable in many ways. It will enable you to pay bills by mail and always to have "correct change". It will help you save by supplying you a record of expenditures. It will protect you against loss or theft of cash. Your account is invited.

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Branch Banking & Trust Company

"THE SAFE EXECUTOR"
Williamston, N. C.

SOUND BANKING AND TRUST SERVICE FOR EASTERN CAROLINA

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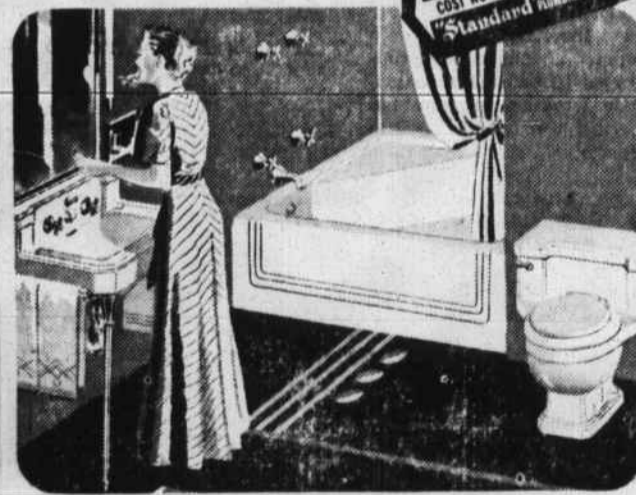
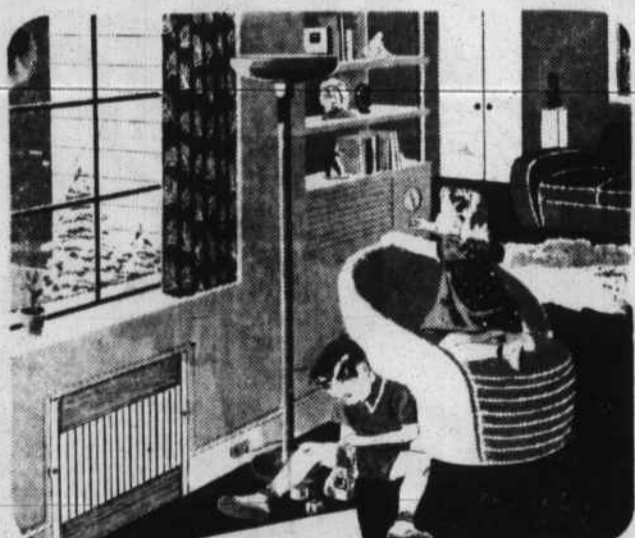


The extra smoking in every pack equals 5 extra smokes
Camels give you more for your cigarette money all around! There's more tobacco by weight in Camels, compared to the average of 15 other of the largest-selling brands tested. Besides, Camels burn slower than any other brand tested — 25% slower than the average time of the others. Thus, Camels give you the equivalent of 5 EXTRA SMOKES PER PACK! When you count in Camel's costlier tobaccos, it all adds up to America's favorite cigarette—Camels! Enjoy Camels—for PLEASURE plus ECONOMY!

CAMEL

THE CIGARETTE OF COSTLIER TOBACCOS

Make Your Home a Citadel of Health and Comfort



Companion Lavatory, Neo-Angle Bath and One-Piece Closet will make any bathroom really beautiful.

with AMERICAN Heating Equipment and "Standard" Plumbing Fixtures

FORGET the memories of discomfort, trouble and high fuel bills caused by your worn heating plant last winter... forget the inconvenience and embarrassment of the old plumbing fixtures... for now you can have modern, carefree heating and new, beautiful plumbing fixtures on new liberal terms.

You will be surprised how little it will cost to enjoy the trouble-free comfort of AMERICAN Heating — the beauty and convenience of "Standard" Plumbing Fixtures in your bathroom and kitchen. Your Heating and Plumbing Contractor can help you plan new heating and plumbing, arrange financing and provide the skilled workmanship so essential to satisfactory service and health protection. Call him today!

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A.G.P. "EMPIRE" IDEAL GAS FIRED BOILER
Immaculate, attractive, silent and completely automatic. Maintains even temperature without human control. It has no moving parts to require service.

ARCOPHANI BALANCED OIL BURNER UNIT NO. 11
Completely automatic, economical oil burning unit that supplies both heat and hot water.

SUNBEAM AIR CONDITIONING FOR ALL FUELS — Coal, Oil, Gas
Heats, filters, humidifies, circulates the air in winter. Provides cooling ventilation in summer.

MARTIN COUNTY

IN COOPERATION WITH THE STATE BOARD OF HEALTH, IS OFFERING FREE Protection Against Typhoid Fever & Diphtheria

AT THE PLACES AND ON THE DATES MENTIONED BELOW

Typhoid fever is gradually being reduced, but there must be no let-up in vaccination. Now is the time to protect yourself against it. The season is at hand. Take the treatment every third year.

Diphtheria can be prevented by taking Toxoid. Have your children over six months of age immunized against it. It takes about five months to get the protection, so now is the time to take the treatment to be protected this fall.

There is no excuse for even a case of typhoid fever when perfect immunization for two years at a time may be obtained through attendance at the clinics scheduled below. It is the duty of every intelligent citizen to become inoculated toward all preventable diseases, especially Typhoid Fever—for their own protection and their neighbors. It is also their duty to do all in their power to persuade others to take preventive measures. Typhoid Fever, being frequently fatal, is a useless economic waste, as it is so easily preventable. Remember the schedule below and visit, without fail, the point nearest you on the dates mentioned.

Mondays, May 22, 29, June 5, 12	Wednesdays, May 24, 31, June 7, 14
No. 90 Filling Station 8:30 a. m.	Corey's Filling Station 8:30 a. m.
Jamesville School 10:00 a. m.	
Jordan's Store 2:00 p. m.	Thursdays, May 25, June 1, 8, 15
	Doodle Hill Store 8:30 a. m.
Tuesdays, May 23, 30, June 6, 13	Fridays, May 26, June 2, 9, 16
Farm Life School 8:30 a. m.	Williamston (Health Department) 8:30 a. m., 12:00 M., 1:30 p. m., 4:30 p. m.
Eason Lilly's Store 10:00 a. m.	
Bear Grass School 2:00 p. m.	

If, for any reason, you do not find it convenient to attend a clinic you may get all three injections from your private physician for the small cost of \$1.

Due to our limited personnel, we find it impossible to cover the entire county at the same time, so we have divided the county into two sections. After the first section is completed, allowing a n interval of two weeks, the second section will be completed. The schedule for the first section is herein published and may be altered after the first day to meet the demands of each locality.

Martin County Health Dept.