

# Bean Growers Must Prepare To Combat Mexican Beetle; Urge Use Control Measures

A summary of an article by L. W. Brauman, Division of Truck Crop and Garden Insect Investigations, Bureau of Entomology and Plant Quarantine, U. S. Department of Agriculture.

For several years the Mexican Bean Beetle has caused heavy losses. Growers of beans must be prepared to combat this pest if normal crop yields are to be harvested.

It should be borne in mind that regardless of winter survival, the insect multiplies so rapidly that a heavy midsummer infestation may be bred from a light early spring infestation.

The insect can be effectively controlled by applying dusts or sprays of the following:

2 or 2 1/2 pounds of finely ground Derris (Root), 4 per cent or 6 per cent rotenone content, to 50 gallons of water; or 3 or 2 1/2 ounces to 3 gallons water. Before putting derris in sprayer thoroughly mix with a small quantity of water, then pour some water into sprayer, add derris mixture, and then finish adding required amount of water. Use same method if mixing in larger quantity. While spraying, keep material agitated at frequent intervals.

Be sure to use derris of a 4 or 5 per cent rotenone content. Other dependable spray mixtures are:

Cryolite, 3 pounds to 50 gallons of water, or 3 ounces to 3 gallons of water.

Magnesium arsenate, 2 pounds to 50 gallons of water, or 2 ounces to 3 gallons of water.

This material is the most economical, but recent experiments show better results from the use of Derris and Cryolite. If you use Magnesium arsenate, be sure to get a standard brand. In recent years a brand has been sold that has been found to injure foliage.

Dusts:

For dusting, use from 12 1/2 to 18 3/4 pounds of Derris and enough talc, wheat flour or other diluent to make a total of 100 pounds. This prepares a dust containing from 0.50 to 0.75 percent rotenone content.

If rotenone content is greater or less than 4 per cent, then vary the diluent content accordingly.

Commercial dust containing from 0.50 to 0.75 percent of rotenone may be obtained ready mixed.

Dusts are usually applied at dosage of 20 to 25 pounds per acre. Caution: Do not use Cryolite or Magnesium Arsenate after bean pads have begun to form.

Apply material so that it will reach the undersides of the leaves where the insect feeds.

Begin treatment when beetles are found in the field. As the beans grow the new foliage must be covered with the material. Repeat the treatment every 7 to 10 days. Two or three thorough applications should be sufficient on snap beans. Growers of Lima beans must necessarily protect the crop over a longer period.

If your crop was infested, the destruction of the crop immediately after harvesting is as important as thorough spraying or dusting. The field should be plowed at least six inches deep, special effort being made to cover all foliage. Under usual conditions a high percentage of all stages of the insect may be killed when thorough plowing is done.

La Follette demands higher taxes on wealth at once.

Nazis finding expense of raw materials hinders rearmament.

Italy hums with more military activity than Germany.

Manufacturers predict recovery if Congress shelves new laws.

## TOOTH NEWS DENTAL DIVISION NORTH CAROLINA STATE BOARD OF HEALTH Mouth Health and Body Health

By P. P. McCAIN, M.D.  
President, North Carolina Medical Society

IT is not only true that decayed and abscessed teeth and diseased gums cause various diseases in other parts of the body, but it is also equally true that disease of the teeth and gums results from poor general health, from a neglect of health habits and from improper diet. Mouth health and body health, or mouth disease and body disease, usually go hand in hand.

For many years it has been known that germs grow and multiply in the pockets of decayed teeth and that oftentimes both the germs and the poison from the germs and the decayed food pass into the blood stream through the porous roots of such teeth and are carried to all parts of the body. Also at times abscesses form at the roots of dead teeth which have been filled. Rheumatism, neuritis, lumbago, sciatica, disease of the eye and of the heart, et cetera, are at times caused by germs and poison which get into the body in this way.

It is by no means true, however, that all such diseases are caused by bad teeth and diseased gums. In some quarters teeth have been too ruthlessly extracted. When some of the above mentioned diseases are present all of the possible sources of the trouble should be searched for and the teeth should not be removed unless it is at least reasonably certain that they are responsible for the trouble.

Keeping the teeth and gums

## George White's "Scandals" Rudy Vallee Feature Next Week's Shows At Duplin

The Duplin offers three outstanding cinema attractions next week. Monday and Tuesday "George White's Scandals" For Wednesday the bargain day, Mary Carlisle plays in "Girl O' My Dreams" while the Thursday and Friday attraction is Rudy Vallee in "Sweet Music." In addition to the regular Saturday Westerner a new serial "Red Rider" will commence.

The outstanding screen news is that America's master showman, George White, who has sponsored fifteen musical hits on Broadway, has created a richer, more gorgeous edition of his popular screen "Scandals."

"George White's 1935 Scandals," setting new standards in scintillating entertainment, comes next Monday and Tuesday.

Fox Film's 1935 version is said to be so spectacular that it makes Broadway self-conscious.

Green... the pivot for the plot and her... aggressive... woman... and athletic, who... with Larry... the action...

Vallee will be heard in a half dozen catchy songs written especially for the production. Ann Dvorak also sings and dances in spectacular numbers.

The picture, which carries a definite plot is filled with romance, drama and hilarious comedy. It is the story of a young college boy who organizes a band and makes good as a crooner and orchestra leader in the big night clubs and over the radio.

There is a large and talented cast playing in support of Callee, with Miss Dvorak as his leading lady, Helen Morgan plays herself a Miss singer, while others include Ned Sparks, Robert Armstrong, Allen Jenkins, Alice White, Joseph Cameron, Al Sheen, Phillip Reed, William B. Davidson, Russell Hicks and Addison Richards.

Revival services at the Methodist Church will begin next Monday night at the Methodist church at eight o'clock. The pastor Rev. Geo. W. Rhoads will do the preaching.

Mr. and Mrs. W. J. Knowles spent Sunday in Goldsboro. Mr. and Mrs. J. D. Miller and their daughter, Dorothy Lou Miller are spending the week in Newton and Fairview.

Mr. Milton Wilson has returned to his home in Newport News. His children remained with their grand mother, Mrs. Margaret Anderson for several weeks visit.

Mrs. Clarence J. Brown and sons Glenn and Lee and Miss Carrie Gore spent Sunday in Southport visiting relatives.

Miss Fanny George Lucas returned to her home in Highland, N. C. after spending the winter with Miss Sallie Hill. Ernest Hussey accompanied her home for several weeks stay.

Mr. and Mrs. W. E. Hines and W. J. Middleton spent Thursday in Greensboro.

The friends of Mrs. J. W. Quinn will regret to learn she is seriously ill in James Walker hospital, Wilmington. Mrs. Quinn was accompanied to Wilmington by Mr. Quinn, Jr. and Mrs. J. T. Green, Jr., and Mrs. W. E. Taylor.

Miss Mary Eller left Monday morning for Raleigh where she has accepted a position with a local studio.

The following ladies went over to the Hill Home near Kinston Tuesday, Mesdames H. C. Foster, E. D. Johnson, J. H. McCullen, G. W. Rollins, E. J. Hill, T. W. Siler, Mrs. J. M. Quinn and George Bennett.

Mr. and Mrs. A. L. Humphrey had as their guests for Sunday, Mr. and Mrs. C. D. Lee, Wadsworth, Misses Alice and Julia Malinford, Southern Pine and Mr. and Mrs. Curtis Layton and daughter Miss Ruth Layton, Aberdeen.

Mrs. J. M. Felton and Miss Mary Buford Best were visitors to Goldsboro Saturday.

Mrs. L. D. Debnam of Raleigh has returned after visiting her grand-daughter, Sue Griffin Debnam at the home of Mr. and Mrs. H. V. Orr, Sr.

Rev. Geo. W. Blount, Mrs. G. P. Priddy, Mrs. C. W. Surratt and Mr. Milton West attended the district conference of the M. E. Church, South at Lumberton, N. C. Tuesday and Wednesday.

Germany is assembling 12 submarines and training crews.

In Partworth Star-Telegram... C. O. Moser of Texas, who rose to national prominence during the development of co-operative marketing by farmers, is now president of the Institute of American Fats and Oils which is an agency of information and education in promotion of the larger use of American fats and oils in food products.

Livestock producers and cotton farmers especially have reason to appreciate the excellent work he is doing in his new field. College trained in dairy husbandry, experienced in practical and successful breeding of livestock, with demonstrated ability of leadership first in college extension work and later in farm organization, he brings to his new service a seasoned mind which enlightens and persuades all amenable to reason.

His latest outgiving is a letter to Chester C. Davis, administrator of the Agricultural Adjustment Act, in which he recites facts in support of the bills introduced in Congress by Representative Kieberg—one to discourage by taxation the use of foreign fats and oils in margarine and the other to fix the fat standard of the product.

Some Telling Facts... Some telling facts are cited which should appeal to the practically minded. Here are examples: "American fats and oils are essentially food fats. It consumed as such they yield a higher return to the producers than when they are forced into inedible chateaux. Beef fats do not store well, hence are forced into the soap kettle unless there is a ready and effective demand for them in the food industries, and particularly the margarine industry.

The case of cotton seed is presented in a striking chart from which, says Moser, "you will observe the value of cotton oil in cotton seed represents about 80 per cent of the value of the seed, while cotton seed represents 20.4 per cent of the value of the entire crop."

Origin of the grain is traced to centre of some of small.

Securities sales on 22 national exchanges rose in March.

Dr. Walter B. Body of Columbia University, an eminent authority on nutrition, makes substantially the same statement and specifically commends oleomargarine as an acceptable table spread for those who can not afford to use butter.

Need for More Fat... The need for more fats in consumption is shown upon the testimony of the health authorities to the effect the average adult should consume 34 pounds of fat a year, while American consumption in 1933 was only 18.3 pounds of butter and 1.7 pounds of margarine. Last year we consumed 2,000,000 pounds of butter more than we produced, hence the deficiency in our butter supply requires the supplement of margarine.

Moreover, the United States Department of Labor estimates 42 per cent of our population is living below the poverty line and is unable to buy only the most essential foods. They can not afford dairy butter, and if they could they are not enough to go around even upon our present inadequate rates of consumption.

There is no greater delusion than the idea of some butter producers that the expanded margarine industry would be at the expense of the consumption of butter. Practically all northern European countries in the same latitude as our own consume larger quantities of butter than we do, while at the same time they consume from four to 25 times as much margarine. The obvious explanation is that those who have the money to buy butter continue to do so, while those unable to buy butter supply their needs in the way indicated.

It is high time we composed the quarrel between butter and oleomargarine and addressed our energies to providing an ample supply of wholesome fats and educated people in the use of them for the sake of their own health and for the benefit of our agricultural producers.

Farmer Sentenced On Incest Conviction... Clinton, May 3rd.—E. B. Strickland, middle-aged farmer, today was sentenced to from 13 to 15 years' imprisonment following his conviction on a charge of incest in superior court here. Notice of an appeal was filed, and bond was set at \$7,500.

The prosecuting witnesses were Strickland's two daughters, Mrs. Bernice Strickland Hughes and Esther Strickland, who said their father was responsible for their six children. The jury deliberated for 20 hours before returning a verdict.

The defendant offered no testimony until after the verdict when he made a blanket denial of the charges.

### Duplin Theatre Program for Week Beginning May 13th

MONDAY-TUESDAY	WEDNESDAY	THURSDAY-FRIDAY
Albee Fay, James Dunn and Ned Sparks in <b>"George White's Scandals"</b> Matinee Monday 3:30 Admission Afternoon and night 10c and 25c	Bargain Day Mary Carlisle in <b>"Girl O My Dreams"</b> Matinee 3:30 Bargain Day Prices Matinee 10c, night 10c & 15c	Rudy Vallee in <b>"SWEET MUSIC"</b> Admission Afternoon and night 10c and 25c

### Saturday - Rex Bell in "Tonto Kid"

BEGINNING SERIAL: "RED RIDER"

Free Theatre Tickets: The following people will receive FREE tickets to the Duplin next week if they will present this ad to the ticket window: Mr. R. V. Wells, Kennesville; Mr. Henry West, Kennesville; Mr. L. L. McLendon, Kennesville; Miss Dorothy Fussen, Rose Hill; Mrs. G. B. Turner, Rose Hill; Mrs. Tom Bardin, Rose Hill; Mrs. John Dostie, Bennville; Mr. Archie Lanier, Bennville; Mr. Aubrey Cowanough, Warsaw; Miss Aileen West, Warsaw.

### ELECTROLUX It's NEOSOLINE Operated!

FREE—Write today for interesting literature! L. HARVEY & SON COMPANY  
KINSTON, N. C.