Entomologists released over one billion microscopic, parasitic nematodes at Oak Island Golf and Country Club a few weeks ago in order to get some control over the rising mole cricket population on the golf course. Mole crickets burrow through the ground like moles and feed on grass roots, with disastrous results for lawns and golf courses. If the nematodes successfully reduce the number of mole

the she the the transfer the term

crickets, greens superintendent Billy Lewis said he would consider buying more of the parasites to treat the entire course. Shown here examining an area treated with nematodes are (from right) N. C. State University entomologist Rick Brandenburg, Lewis, student assistant Brian Royals and research technician Peter Herte.

Insect worries, crabapple woes

By Bruce Williams, Ph.D. **Brunswick County** Cooperative Extension Service

Dear Plant Doctor:

I lost some dogwoods, a flowering cherry and Chinese chestnut tree to what appears to be the same insect problem. In the spring, these trees failed to leafout. On the trunk and limbs, I noticed a fine chimney of sawdust that protruded out three-fourths to one inch and was about the diameter of a pencil lead. I suspect it is some type of borer. How do I prevent it from getting any of my other trees?

Answer: I do not have any idea which insect is damaging your trees but I do know who to ask.

Some experts believe that over one million different species of insects exist on Earth and I think over half of them must inhabit southeastern North Carolina. I go to specialists when confronted with an unknown pest or disease problem.

The Plant Disease and Insect Clinic at North Carolina State University was established to identify plant diseases and insects of economic importance. The clinic's director, Dr. Ron Jones, uses the expertise of N. C. State pathologists, entomologists, virologists, bacteriologists and other research



Hospital departments awarded

HEALTH WATCH

yearly mammograms

Few women over 50 have

The laboratory and respiratory therapy department at Dosher Memorial Hospital has been awarded a two-year accreditation by the Commission on Laboratory Accreditation American of Pathologists, based on the results of a recent on-site inspection.

The laboratory accreditation program, begun in the early 1960s, is recognized by the federal government as being equal to or more stringent than the government's own inspection program.

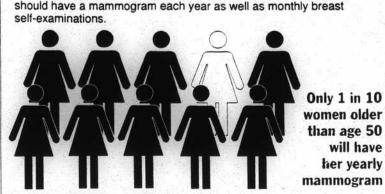
In awarding accreditation, inspectors examine the records and quality control measures for the preceding two years, as well as the education and qualifications of the staff, the adequacy of the facilities, the equipment, safety program and management to determine how well the laboratory is serving patients.

Hospice training

Lower Cape Fear Hospice will sponsor two training sessions for volunteers.

The sessions are scheduled for 9:30 a.m. to 4:30 p.m. Thursday, June 18, and Thursday, June 25, at Sacred Heart Catholic Church.

There is no charge for the training and, once trained, participants are not obligated to be a Hospice volunteer.



Early detection of breast cancer through mammograms can reduce

the chances of death from the disease. Women older than age 50

SOURCE: First for Women magazi

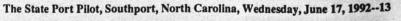
Copiey News Service/Ken Marshall

Island aerobics classes set

STEP aerobics are offered at the Long Beach Parks and Recreation Department Tuesdays and Thursdays from 6 to 7 p.m.

The cost for classes at the recreation center is \$20 a month or \$3.50 for walk-ins. Class size is limited and participation is on a first-come, firstserved basis. The classes are conducted by certified instructor Becky Sledge:





specialists to identify the problem and help prescribe a solution. Last year in New Hanover and Brunswick counties five insect species were identified that had never before been seen in the state. I am sure this year we will see an equal number of new insect species.

Contact your county extension evaluate the pest first-hand. agent when you find an insect or disease problem that is causing damage to your vegetables, fruit trees, ornamentals or turf. Most disease and insect problems (90 percent) can be quickly and easily that will tolerate the conditions in identified and a control recom- our area. mended. Take, a sample of the damage the pest causes, and the pest agent. If the problem cannot be easisend the specimen/sample to the Plant Disease and Insect Clinic.

The clinic often acts as an earlystate. Just this week, a professional seen be a new cricket species for North North Carolina. Carolina and specialists are planning a visit in the near future to see and

include hydrangea, lilacs, azalea, sunflowers, marigolds, zinnia and daisies.

**

Dear Plant Doctor:

Oxeye

daisy

I love crabapple trees but I have not had any luck at all with the one I planted several years ago. Please recommend some varieties

Answer: A number of pest problems and diseases destroy crabapple itself if possible, to your county trees in the hot, humid South. New varieties are being introduced that ly identified, request that the agent are resistant to many of the pest and disease problems in the area. Fireblight is an especially damaging disease on crabapples. You may warning system of severe new pest want to try "Adirondack", "Basproblems that have migrated into the katong", "Prairifire", "Robinson" or "White Cascade". All of these variturfgrass manager had me send in a eties are resistant to fireblight cricket that was destroying large damage. I am sending you "Superior areas of turfgrass. The cricket did Crabapple Trees for the Landscape", not look like anything I had ever Horticulture Information Leaflet before. The clinic's #613, by Dr. Thomas Ranney that entomologist reported the cricket to lists the varieties that do best in

You plant lovers might want to

Copley News Service/Dan Clifford obtain a copy of the new "North Carolina Grown Plant Directory". The North Carolina State University Arboretum staff has compiled a directory of plants available from mail-order nurseries in the state. The directory contains an alphabetical listing of 7,600 plants, with cor-

Seaside

gardening

For seaside lawns, opt for

Use native plants that will

Kelp and other seaweeds

make an ideal mulch to help

sandy soil retain water. Other good seaside gardening

mulches include oak leaves, pine needles, wood chips and

salt hay. Use a 2- to 3-inch

layer of mulch. Sand-loving plants

grow in the sand's pH level.

high-fescue seed mixtures.

such as American beach

responding nurseries from which plants may be ordered. Addresses and telephone numbers are provided. To order a copy, send \$6 to NCSU Arboretum, Box 7609, NCSU, Raleigh, NC 27695-7609.

Send your gardening questions or comments to the Plant Doctor, P. O. Box 109, Bolivia, NC 28422. Enclose a SASE when requesting publications or a reply.

Lloyd certified

David E. Lloyd of Live Oak Landscapes has been recognized by the N. C. Association of Nurserymen as a certified plantsman.



Hunter education classes are offered

classes will be held this summer at tact C. W. Miracle with the N. C. the cooperative extension building Wildlife Commission at 457-0805. at the county government center ncar Bolivia.

Classes are required for all firstclasses are free and open to all members of the public who are 12 years of age or older.

To register for the hunter safety classes, persons should contact Billy Privette with Brunswick County 4-H at 253-4425. And, for more informa-

A series of hunter education tion on the classes, persons can con-

Classes will be held on the following dates and times: June 23-24, 6:30 to 10 p.m.; June 25, 6:30 to time hunting license buyers. The 9:30 p.m.; July 18, 8:30 a.m.; July 19, 1 to 5 p.m.; July 28-29, 6:30 to 10 p.m.; July 30, 6:30 to 9:30 p.m.; August 10-11, 6:30 to 10 p.m.; August 19, 6:30 to 9:30 p.m.; August 25-26, 6:30 to 10 p.m., and August 27, 6:30 to 9:30 p.m.

