

Home Economics

By Theresa T. Ford
Home Economics
Extension Agent

Contamination of clothing through pesticide handling is a laundering problem. Recent studies have shown that once protective clothing is contaminated, fabrics are difficult to decontaminate by using normal laundry procedures. In fact, the data show that even though substantial amounts of pesticide residues are removed by laundering, the residues that remain in the fabric are biologically active.

The present study investigated the effectiveness of water temperature variation and commercially available detergents on decontaminating clothing subjected to methyl parathion (MeP). In a 2x3x4 design, two denim fabrics were contaminated with 1.25 emulsifiable concentrate MeP solution. Next the fabrics were laundered in a hot (60 degrees c), warm (49 degrees c) or cold (30 degrees c) wash water temperature using one of four laundry detergents 1) phosphate, 2) carbonate, 3) inorganic heavy duty liquid, or AATCC Standard Detergent 124). Laundered fabrics and unlaundered fabric controls were solvent extracted, and MeP was measured using nitrogen-phosphorous thermionic detection gas chromatography. Percentage of removal were calculated and ANOV tested for differences in removal.

Findings of the study revealed the following: 1) Fiber content of the contaminated fabric was not a contributing factor in MeP removal. (Fiber content of the two fabrics under study were cotton and cotton polyester fabrics). 2) Homogeneity was found

among the four detergents examined.

There was a definite trend in detergency effectiveness with regard to the use of heavy duty liquid detergent and the removal of MeP. This finding is consistent with other findings which implies that heavy duty liquid detergents are noted for their oil-removing ability. (MeP is an oil-based derivative.)

3) Water temperature caused pronounced differences. Hot water removal was slightly higher than warm water. Cold water was significantly lower than hot or warm water temperatures. Implications of the study: 1) Avoid laundering contaminated fabric in cold water. 2) Use a heavy duty liquid detergent if an emulsifiable concentrate pesticide formulation is used. 3) Launder only pesticide contaminated clothing together. 4) Prior to washing other clothing, (without clothes), run the washing machine full cycle with detergent to reduce chances of pesticide residues remaining in the washing machine drum.

HOBBIES HELP

Should you encourage your child to develop hobbies? Experts on child-rearing say too often parents leave this fascinating facet of life up to their offspring, who may miss the opportunity altogether, perhaps even affecting their ability to grow intellectually and socially.



Hobbies can help your children grow.

EMT Course

Chowan County citizens who are interested in taking the Emergency Medical Technician (EMT) Course and joining the Edenton-Chowan Rescue Squad should call one of the following numbers (482-3111 or 482-8555) no later than October 15th, 1982. A minimum of 15 persons is needed to start class. Please call and leave your name, address & phone number.

Thank You

Members of the Edenton-Chowan Rescue Squad would like to express their sincere thanks and appreciation for all the support given us during our recent fund raising effort.

The winner of the 4 x 6 ft. Projection TV - Mr. Clyde Weathers of Cary, N.C. and the winning number was number 3838.

Poetry Council

Dr. Marvin M. Cole, President of De Kalb College, Atlanta, Ga., in costume, will present a program from the classics of Mark Twain at the 33rd annual luncheon meeting of the Poetry Council of North Carolina, Saturday, October 9, Sheraton Inn, Asheville, it was announced by Council President, Mrs. Carl Dan Killian, Sr., Cullowhee.

The Oscar Arnold Young Memorial Cup and check for \$100, for the best original volume of poetry published in 1981, and entered in the Council's annual competition, will be presented to the winner. Mrs. Killian will announce winners in other competitions, James Larkin Pearson (Free Verse), Charles A. Shull (Traditional), Archibald Rutledge (Sonnet), and Virginia Dare (writers, 12-18). Cash awards will be presented by Mr. E. E. Woodruff, Council Treasurer, of \$50 (four first places), \$25 (four second places), and \$15 (four third places). Mrs. E. E. Aldrich, Council Vice President, will award volumes of poetry to sixteen Honorable-Mentioned winners in four categories and certificates of merit to eleven other winners in three contests.

The Reverend Mr. James Hinson, pastor, Cullowhee Baptist Church, will read the prize-winning poems and give the luncheon's invocation and meeting's benediction.

North Carolina Poetry Society President, Ellen Turlington Johnston-Hale (Poetry Council Secretary, also) will bring greetings from the sister organization.

Miss Aline Silverman, Mrs. Elaine Goolsby, and Mr. Dean Hale will be in charge of registration.

Candlelight Memorials, in the absence of Virginia Love Long, will be read by Mrs. Elaine B. Goolsby, Durham. Special recognition of Miss Charlotte Young, aged 104, will be made for her inspiration to the council as coordinator.

Luncheon at the Sheraton will be served for the Council at 12:30.

Edward Jackson Participated In NATO Exercises

Marine Lance Cpl. Edward K. Jackson, son of Lillian J. Marring of 105 Blades St., Edenton, N.C., recently participated in two major NATO exercises, "Northern Wedding - 82," and "Bold Guard - 82."

He is a member of 2nd Battalion, 4th Marines, 4th

Breakfast

— October 12 —

WILLIAMSTON — Stuart E. Proctor, Jr., assistant director of the National Affairs Division of the American Farm Bureau Federation, will be the featured speaker at the annual N.C. Cooperation Month Breakfast. The breakfast will be October 12 at 8 A.M. at the Williamston Holiday Inn.

The Williamston breakfast is one of six scheduled across North Carolina to observe October as Cooperative Month. Gov. James B. Hunt, Jr., has issued a proclamation honoring the observance.

According to C.E. Smith, president of the Cooperative Council of North Carolina, co-op, agricultural, business, community and government leaders as well as educators and extension specialists from the seventeen county Northeastern District of North Carolina will attend the breakfast.

"Cooperatives are very important to the rural people of Northeastern North Carolina," Smith said. "This breakfast will be an excellent opportunity for us to show what these organizations have been able to accomplish and I am sure Mr. Proctor will have a challenge for us."

Marine Amphibious Brigade, Camp Lejeune, N.C.

"Northern Wedding" was conducted in Denmark and "Bold Guard" in West Germany. Both exercises were designed to test the capacity of alliance forces to resist aggression in the North Atlantic Ocean, Baltic and Norwegian Sea areas. More than 160 ships, and 250 aircraft from the U.S., Belgium, Canada, Denmark, Germany, the Netherlands, Norway, Portugal and the United Kingdom participated. The amphibious exercises also included more than 5,000 people in various forces.

Hospitality House WITN, TV Talk Show

WASHINGTON, N.C.— It's not too early to start planning for Christmas 1982, and Hospitality House will help you get into the spirit. Seen this Saturday, October 9, 1982, from 3:00 - 3:30 P.M., Hospitality House, WITN-TV's talk and public interest show, will be on location at the Christmas Shop in Manteo, North Carolina.

Hostess Kay Currie talks with owner Eddie Greene, whose dream of the shop has become a reality on North Carolina's outer banks. The Christmas Shop has every type of Christmas tree imaginable as well as rooms of original art, handmade toys, jewelry and leather

accessories. Also, there are kitchen gadgets, North Carolina seashells, gases upon cases of miniatures of every description, and even imported gifts. For a truly enchanting

half hour, tour the Christmas shop with Hostess Kay Currie and owner Eddie Greene, on this Saturday Hospitality House. seen from 3:00 - 3:30 P.M., on WITN-TV-7



The Intracoastal Waterway of North Carolina had its beginning with a survey of the Great Dismal Swamp by George Washington in 1783.

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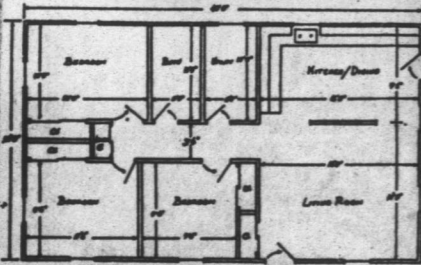
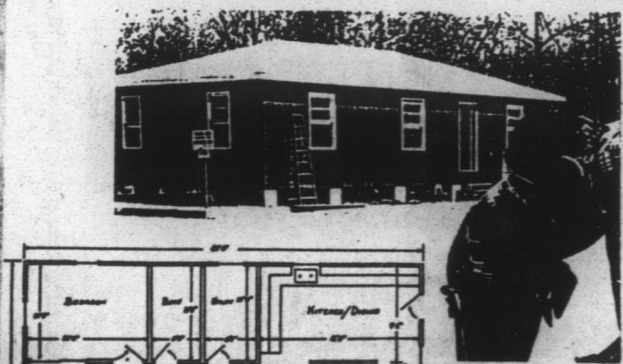
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