

EKU and city of Richmond team for energy conservation program

RICHMOND — Driveling coal reserves, curtailments of natural gas supplies, rising fuel costs and energy conservation measures have become major concerns for many people during the past two winters. Now, Eastern Kentucky University and the City of Richmond, working as a team, will be part of a national effort to help solve problems in early diagnosis and treatment to show up in survival rates for cancer patients because several years must pass after cancer is treated to estimate survival. The most recent assessment came from the National Cancer Institute based on a completed survey of the 1950-1972 period. This survey showed that survival rates for six of the ten most common forms of cancer in the U. S. have improved gradually since the early 1960's. Better survival rates were noted for patients with cancers of the bladder, colon, prostate, rectum and lining of the uterus. For the overall relative survival rate for all types of cancer increased slightly from 30 per cent in 1950-59 to 41 per cent for 1967-73. Complete follow-up is not yet available for cancers diagnosed after 1970. This information will help program development. Please remember that these rates are averages for large groups of patients and do not apply to an individual patient's case of survival.

many of the problems by developing a model energy conservation program. Richmond and EKV have been selected by the national advisory committee of the American Association of State Colleges and Universities and the International City Management Assoc. as one of eight city-university teams across 10 states to participate in the conservation program. This network of city-university cooperatives was created by Wichita State University and the City of Wichita, Kansas, through a grant from the Office of Education. Included in the energy conservation proposal submitted by Richmond and the University of Wichita State are the current and anticipated conservation measures planned here. In an effort to encourage customers to conserve energy, Richmond officials have written special newspaper columns and placed advertising in local papers. One of the programs which has been underway recently is installation of heaters in lower income areas of the city. This general rehabilitation project is being carried out through the cooperation of Richmond's Community Development Department and the Office of Housing and Urban Development. A major project to repair old, leaking gas lines that are losing approximately \$250,000 worth of gas per year is scheduled for implementation this spring. Other possible projects include the development of a controlled industrial park with special natural gas and alternate fuel capabilities and location of a coal gasification plant in Richmond in order to use Kentucky's abundant coal supply.

Eastern's role in this project is to furnish the technical support to the city. The bulk of this support will be furnished by the Departments of Accounting, Economics and Geography. These departments have 22 full-time faculty members with wide backgrounds in most areas of economics, finance, geography, and planning. The University is working to conserve energy on campus, and a number of departments teach courses which have bearing on energy conservation issues. The geology department recently offered instruction in a computerized game which simulates energy problems and solutions. The primary University participant in Claude K. Smith, CPA, and chairman of the accounting department. Assisting him are Dr. Donald Shadron, chairman, Department of Economics, and Dr. Tim Kubak, associate professor of geography.

World's finest Arabian horses will compete this summer

FRANKFORT — More than 1,300 of the world's finest Arabian horses will compete for the highest honors obtainable in horse circles at the Arabian and half-Arabian U. S. National Championship Horse Show July 31 through Aug. 6 at the Kentucky Fair and Exposition Center in Louisville, Commerce Center. Mr. McBrayer said over 10,000 people are expected to see the international show this summer which will bring an estimated \$4-10 million into Kentucky's economy. This is only the second time in eight years the event has been held east of the Mississippi River, but Kentucky has been selected as the site both times. The International Arabian Horse Association, sponsors of the show, chose Kentucky in 1976. Every competing horse in the 1978 show is a champion in his own right, a winner at one or more shows offered during the year. A non-profit organization with headquarters in Burbank, CA, the International Arabian Horse Assoc. consists of more than 104 clubs and some 22,000 members in the United States and Canada. The Louisville Children's Theatre, also a non-profit organization, will cosponsor the Louisville show.

Sees toward good tobacco

Producing a good tobacco crop starts with pre-planting diseases that can yield nothing or whatever does get done during the growing season. With this in mind, Dr. Maasie, Extension tobacco specialist in the UK College of Agriculture, outlines a ten-step strategy for tobacco farmers this spring. Select good land — fields with a potential for high-yielding tobacco. Generally this means soils that are medium to fine in texture, contain medium to high levels of phosphorus and potassium, and have a pH of 6.0 or higher. Acid soils are one of the worst enemies of tobacco. Provide good drainage. In most cases, this means surface drainage because internal drainage is adequate in most soils in the tobacco area is grown in Kentucky. Mr. Maasie emphasizes that tobacco can't stand "wet feet" very long before yields are slashed or the stand destroyed. Prepare fields to give tobacco plant roots good growing conditions and plenty of room. Deep plowing may be needed to help break hardpan that form rapidly in Kentucky soils, restricting water movement and root penetration. Apply plenty of fertilizer. Soil tests should be made to determine phosphate, potash and lime needs. Stalk growth in previous years is a good guide to how much nitrogen to put on. Mr. Maasie cautions about applying too much nitrogen because it can cause rank growth, delay maturity of the crop and increase insect problems. He also says applying nitrogen in mid or late season can be risky. As a general rule, all fertilizer is most effective when applied before planting or within three to four weeks after planting. Use varieties that have proved to be high yielders of top quality tobacco. Base selection on results of variety performance trials conducted each year throughout the state. Mr. Maasie suggests trying new varieties, such as KY 15 and KY 17, on a small portion of

your acreage. These two varieties have more resistance to major diseases than varieties that have been grown locally in Kentucky, and are high-yielders of quality leaf. Use systemic insecticides in the tobacco bed and in the field. For example, D-9500 on the seedbed protects plants from pests so that plants are ready for transplanting. Use D-9500 on plants from non-treated beds. Using a systemic insecticide, such as Furadan, in the field protects young plants from fleabeetle damage. Control weeds by using the right herbicides applied correctly along with cultivation. Recommended herbicides are Isalax, Phalanx, Tillam and Ende for use in tobacco fields. Keep your guard up against insects. Scout fields each season so you can spot infestations early and apply insecticides before they cause serious damage. Tobacco needs protection until the top crop is mature.

Get a good, uniform stand for high yields and efficient field operations. Aim for a 90% stand. With uniform stands, plants will bloom at the same time, nicker control can be used and the tobacco will mature uniformly for harvest. The state Historical Society will collect and screen all material submitted. "That material which is not used for publication will be worthy of preservation and the society will add it to their library," Dr. Sexton explained.

Old scrapbooks contain valuable info

FRANKFORT — Old scrapbooks and saved newspapers which contain valuable material needed by the Kentucky Historical Society to publish a series of "The Old Kentucky" magazine. The material includes newspaper accounts of speeches, letters of a public nature, executive orders and speeches printed as campaign flyers. The society is working with the Kentucky Advisory Commission on Public Documents to publish the series, which will be furnished to schools and governmental officials and will be available to the public by way of Thomas D. Clark, a Kentucky historian, is chairman of the 17-member committee appointed by the governor. All material used for publication will appear with the contributor's name, according to Dr. Robert F. Sexton, general editor of the series. Material which is loaned will be microfilmed by the society and returned. "Until the past few decades, people have not been aware of the need for preserving," said Dr. Sexton. "Carroll is the first Kentucky governor to send all his papers to the state Department of Library and Archives. A number of Kentucky governors didn't save many of their papers, and documents from some administrations have been lost or destroyed by fire."

Going over election law seminar plans

Secretary of State and Board of Elections Chairman Drexel Davis goes over plans for regional Election Law Seminars with State Board members Raymond Boussemier and Earl Lewis. Seminars will be conducted for this

CANCER Answer line

(Editor's note: A feature, prepared by the American Cancer Society and printed by THE CARLSLE MERCURY, to help save your life from cancer.)

A woman in her 40's writes: "I have read that cigarette smoking can lead to an earlier menopause. Is that true?" ANSWERLINE: An analysis of two studies of over 2,000 women in seven countries seems to lead to that conclusion. For example, at ages 48-49, an American woman who smokes one or more a day was nearly twice as likely to have stopped menstruating as a woman who never smoked. Possibly the stimulation of the central nervous system by nicotine and certain enzymes in cigarette smoke effect hormonal changes which trigger earlier menopause.

A high school student asks: "Can you give some current examples of laboratory research that may help cancer patients?" ANSWERLINE: There are many examples and here are a few. At the Harvard Medical School, cells from human brain tumors are kept alive in the laboratory so that the type and degree of malignancy can be determined and chemotherapy and radiation programs "tried out" in the test tube. At Stanford University, drugs that test animals for cancer are being developed and packaged in microscopically small "beadlets" made of fat and are being successfully administered. This approach may open up a new way to give anti-cancer drugs and, at the same time, keep the drugs from being destroyed by digestive fluids before they can do their work.

A woman notes: "I recently had a Pap test and had to have it repeated because the results weren't clear. How accurate is this test?" ANSWERLINE: In cervical cancer detection, the Pap test is extremely effective. When cell samples are studied by qualified personnel, the results are 95 per cent accurate. Perhaps your cell sample wasn't sufficient for the test and you had to have it repeated for another test.

A college sophomore explains: "I am due to have my first gynecological examination. Will it be painful?" ANSWERLINE: First of all, if you are apprehensive, please explain your feelings to your physician. Your physician will do a pelvic examination which is an examination of the pelvic organs through the vagina and rectum. While somewhat uncomfortable, this should not be painful for you. Your examination should most definitely include a Pap test. Quickly and without pain to you, your physician will take a sample of some cells from the surface of the cervix and from vaginal secretions for laboratory examination. This test can

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600,000 pounds ordered

Jerry's IGA Foodliner and other area IGAs, recently placed an order for over 600,000 pounds of floor with Martha White Flour Mills of Nashville. Distributed through W. T. Sistrunk & Co., Inc. Lexington, this is the largest single floor order in history for Martha White, and required 17 very

large trailers to deliver. Executive vice president James H. White, Jr., left in right Mark Richardson, Executive vice president and George Dodson, vice president sales for Martha White; Neal Turball, chairman of the board, and Robert H. White, vice president merchandising for W. T. Sistrunk & Co., Inc.

IMAGE-PAINT

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Tax return errors easily corrected

LOUISVILLE — Discovered an error after filing your Federal individual income tax return? If so, correct the mistake by filing a Form 1040X, according to the Internal Revenue Service (IRS).

Failing to report income, forgetting to claim deductions, or mistakes in amount of credit claimed are some of the most common return errors that filing a Form 1040X can correct. Generally, the 1040X form must be filed within one year from the date of the original return or two years from the date of the tax payment, whichever is later, the IRS says.

The IRS also reminds taxpayers that the 1040X form is to be sure and attach the necessary schedules supporting their adjustments.

Three University buildings named

A University of Kentucky committee has recommended the naming of three buildings on the Lexington campus. The Committee for Naming University Buildings, whose chairman is David K. Rhyne of the College of Engineering, has recommended that the Administration Annex be named the Ezra Kilgus Building; the new basketball house be named Joe H. Hall Wilkitt Lodge; and the Service Building be named Frank D. Peterson Service Building.

Gail Hughes' card was drawn

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