



# THE BATTALION

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## Cattlemen End Short Course

Cutability and palatability are designations making up the new dual beef grading system now under study by the U. S. Department of Agriculture.

Darvil M. Pettus, livestock division director of the USDA's Agricultural Marketing Service at Washington, D. C., described the project during the 10th annual Beef Cattle Short Course here Monday through Wednesday.

He said cutability (quantity of retail cuts) and palatability (tasting, quality) would result in more accurate grading of beef and tend to encourage producers to grow the kind of cattle in best market demand.

With the present system, cutability is not fully represented. Instead, it is combined with quality so that neither cutability nor palatability is accurately reflected, he said.

He said the dual grading method

would discourage wasty beef, to which housewives have shown much aversion because of heavy fat trimming.

**A&M Leads Way**  
A&M, Pettus said, has led the way among agricultural schools in researching dual grading in cooperation with the USDA. He said the system is still in the study stage and is not yet a proposal.

The short course, which attracted about 300 cattlemen from throughout the United States, was held to bring beef producers up on the latest problems and developments in the ever-changing cattle industry. Sponsoring the event was the Department of Animal Husbandry.

Dr. R. D. Radeff, of the USDA's animal disease and parasite research division at Kerrville, urged the cattlemen to be extra careful in using insecticides on livestock. Chemicals can sometimes build up residues in meat tissue, making it both unlawful and harmful as human food. Insecticide-treated feed, fed to cattle too soon, also can cause trouble.

He said improper use of insecticides might result in something similar to the recent cranberry incident. And if that happened, cattlemen would have a hard time living it down in the public eye.

**Armour Official Talks**  
Dr. H. J. Hill of Denver, Colo., director of Armour and Co.'s beef cattle improvement research, said main research projects in the program include accuracy of measuring area of the rib-eye muscle with ultra-sound in live animals; accurate measurement of volumes of areas of living animals with the science of photogrammetry (stereo photography); heritability of carcass characteristics; reproductive activity of range cows, and effect of rapid, early growth on reproductive ability of bulls.

He said the most pressing problem is to find a method of detecting cows ready for breeding.

Purpose of the program, which has just completed its third breeding year is to produce a constant supply of uniform quality carcass beef through artificial breeding.

**ANCA Head Talks**  
One of the main speakers was C. W. McMillan of Denver, Colo., executive vice president of the ANCA. (See CATTLEMEN on Page 3)



Melani  
... Hawaiian singer

## 'Aloha' Theme Announced For MSC Dance

The Memorial Student Center Summer Directorate will sponsor its final dance of the year—an Aloha Dance—Monday night from 8:30 until 11:30 in the MSC Ballroom and Starlight Terrace.

Herb Remington and his five-piece Hawaiian orchestra, including a female vocalist, from Houston, will furnish music for the dance.

Free orchid corsages will be given to the girls attending the dance and boys attending the dance will receive free Hawaiian leis, courtesy of the MSC Summer Directorate, according to Gates Whiteley, chairman of the MSC Summer Directorate.

Special intermission entertainment will be provided by Manning Smith and his dancers, according to Whiteley.

Admission cost will be \$1 for couples and 50 cents for stags, Whiteley said.

## Announcements In Extras Go on Sale

Graduation announcements for those students graduating in August have been received and may be picked up at the Cashier's Window on the Ground Floor of the Memorial Student Center, according to Mrs. Wynelle Davis, MSC cashier.

Extra announcements are also available and may be bought beginning at 8 Monday morning, Mrs. Davis said.

Cost of the announcements is 50 cents for leather bound, 25 cents for cardboard and 10 cents for French fold announcements.

# January Completion Date Eyed for Nuclear Center

## Reactor Building Now Under Way

January 1 has been set as the tentative completion date on the estimated \$600,000 building to house the first unit of the Nuclear Science Center, being constructed at Easterwood Field.

Under construction by Temple Associates of Daboll on a bid of \$569,897, the building is the first phase of the proposed \$3-million Nuclear Science Center which was authorized last year by the A&M College System Board of Directors. The board has already appropriated \$1,025,000 toward construction of the center, which includes a \$350,000 grant from the National Science Foundation.

Members of the faculty and staff of the Department of Nuclear Engineering will begin installing the reactor for the center sometime near the completion date of the building and expect to have it operational by February, according to Smith.

The board in its September, 1959, meeting authorized up to \$200,000 for cost of the equipment and installation for the reactor.

Part of the reactor and controls for it are presently under construction in the Mechanical Engineering Shops Building and almost all of the \$200,000 has been spent or committed, according to Smith.

**Already In**  
Some of the nuclear experimental facilities have already been put into concrete in the building under construction, Smith said.

Prior to the placement of the final stages of the equipment, application will be made to the Atomic Energy Commission this fall for fuel for the reactor, Smith explained.

The building is to be a modern gastight three-story structure. It will contain all facilities for installation of a wide range of equipment in the final stages of the development of the center.

**Most Versatile**  
The center is designed for research in physics, chemistry, biology, agriculture, engineering and medicine and is expected to be the most versatile unit of its type in the country, according to Dr. Robert G. Cochran, head of the Department of Nuclear Engineering. (See NUCLEAR on Page 4)

## Douglas Talks, Shows Pictures Tonight in MSC

Neil Douglas, explorer-adventurer, will show films and give a lecture on "Russia, the New Face" tonight at 8 in the Memorial Student Center Ballroom to conclude the MSC Special Summer Entertainment Series.

The film is a full-length, unrestricted color motion picture of Soviet life.

Douglas' previous expeditions have taken him, from exploding volcanoes to the top of the Alps.

To get his pictures of Russia, Douglas reports he had to refuse films offered by Khrushchev three times.

A former All-American football player at Lafayette College and the producer and narrator of the film, Douglas is also a noted writer and glaciologist. He is a contributor to the Encyclopedin Americana and is listed in "Who's Who of Science."

The color film shows such famous landmarks as the Kremlin and the Red Square, St. Basil's Cathedral with its candy-striped towers and the University of Moscow. The everyday lives of the Soviet people—their work and their reactions—are depicted in shots of factories, markets, resorts, schools, movie theaters, fashion and vaudeville shows with American jazz and circuses and ballet performances.

Price of admission will be 75 cents for adults, 25 cents for children and 25 cents for A&M students with student entertainment cards.

## Quisenberry Put On AFMA Group

Dr. J. H. Quisenberry, head of the Department of Poultry Science, has been appointed to the Feed Survey Committee of the American Feed Manufacturers Assn. Quisenberry will work with a sub-committee on poultry.



Dr. C. L. Leinweber  
... reared near Kerrville

From OSU

## Leinweber Named New Forestry Head

Dr. Charles L. Leinweber, an A&M graduate, is the new head of the Department of Range and Forestry.

He took over his new duties Aug. 1.

The scientist succeeds Dr. Vernon Young. Young retired from duty as head of the department in September, 1959. In the interim, Dr. Robert Darrow, professor, was acting head of range and forestry.

Leinweber came here from Oklahoma State University, where he had been since 1955. He was co-ordinator of cotton research and specialized in physiological studies. (See LEINWEBER on Page 4)

## Book Collection Set Saturday By Kiwanians

Saturday will be the big day for the College Station Kiwanis Club's drive to collect books for children in the elementary grades of the A&M Consolidated School. The book drive began Monday and will be climaxed Saturday when members of the club will be joined by local Boy and Girl Scouts in the collection.

The scouts will cover College Station looking for the books and those having books to donate are asked to leave them on their front porches where the scouts can find them.

Anyone wishing to donate books this week can call any member of the Kiwanis Club; Mrs. John T. Duncan Jr., A&M Consolidated High School Library at VI-6-3110; or the school cafeteria Saturday, VI 6-7119. They may also take the books to the library.

The books will be used to establish a library for the elementary school.

Books needed are for children from the first through the fifth grades and would include picture books, books on elementary science and fiction and non-fiction for this age group. Biographies and history and travel books are also needed. (See BOOK on Page 3)

# Nuclear Science Center Construction Under Way

