



# Season Tickets For Town Hall On Sale September 14

## Final Ball To Be Held Friday 17th; Tickets \$1.00 Per

Del Valle Orchestra To Play; Dance In Sbis Hall 9 to 1

On Friday night September 17th there will be a Final Ball in Sbis Hall from 9:00 'til 1:00.

The music will be furnished by the Dele Valle Orchestra under the direction of Sgt. Jack Reams. There have been two new additions to the band and it promises to be a good one. As many will remember Sgt. Reams put on a really fine show at the freshmen's dance two weeks ago.

All details have not been officially worked out yet but there are plans afoot for a dormitory to be vacated for dates Friday and also for formal souvenirs to be handed out at the dance.

The Final Ball is a custom at A. & M. and has been observed for some time. It will be the last gathering together for many of the Aggies, graduating seniors, Army boys and others who won't be back for various reasons. The Ball will be strictly an Aggie dance and no Servicemen except Aggies will be allowed to attend.

The tickets for the dance will be \$1.10 per.



TOWN HALL ARTISTS—Upper left is a portion of the cast of the Philadelphia Opera to appear here February 21; upper right is Bidu Sayao, opera singer to be presented October 19; left center is Zino Francescatti, violinist, on March 7; center right is Carmen Amaya and her troop of gypsy dancers on November 18; lower left is the Houston Symphony which will play on April 4, and lower right is Richard Crooks, operatic tenor, who will sing here on January 20. Not pictured are the Singing Cadets on December 14, and Joseph Dunninger, mind reader, on February 8.

## WTAW Radio Club To Hold Meeting Wednesday Night

Wednesday night at 7:00 in the WTAW Studios there will be a meeting of the A. & M. Radio Club.

On the program for the meeting will be a one-act play entitled "Going Home," and written by Aron Leavinstein. There will also be musical numbers, including songs and piano numbers by members of the Club. Another rehearsal of the radio quiz featuring Aggies vs. Bryan girls will also be held.

A rehearsal is scheduled for this afternoon from 4:00 to 6:00. Club members and all those interested in joining are asked to attend.

The WTAW Studios are on the 4th floor of the Administration Building.

## Experiment Station Has Reed McDonald As New Chief Clerk

Further changes in the personnel and assignments in the Texas Agricultural Experiment Station staff became public Saturday with announcement that E. W. "Dean" Hooker, for 15 years secretary and ticket manager for the Athletic Department, has become assistant chief clerk; and that Samuel E. "Doc" Asbury, assistant state chemist, has reached the age of limited service under college rules.

Hooker worked two years in the A. & M. College fiscal office before joining the Athletic Department, where he became popular with former students for his adept handling of the very touchy football ticket situation. Hooker was not always able to produce "a pair on the 50-yard-line," but he nearly always was able to dig up acceptable seats for those who neglected to buy their tickets early.

Hooker succeeds Reed McDonald as assistant chief clerk as a result of the latter's promotion to chief clerk. The change became effective in September.

A portion of Hooker's duties with the Athletic department will be handled by Paul L. Ferguson, instructor in the Marketing and Finance department, Dean E. J. Kyle announced Saturday.

## Darnell Discusses Cows . . . A. & M. Professor Says Milk Cleanliness Is Essential

For many years clean milk production has been emphasized by the various health departments and sanitary regulations have been formulated governing the production and handling of milk and milk products for human consumption, according to A. L. Darnell, professor of dairy husbandry, Texas A. & M. College. Before a safe natural milk can be obtained from a cow she must first be healthy and have a sound healthy udder.

"The occurrence of abnormal milk is generally due to bacterial action," Darnell said, "and one of the causes of the infection of the milk with bacteria is the inside of the udder. A species of bacteria found in the udder which is the cause of most cases of mastitis and the resultant abnormality in the milk is Streptococcus Agalactiae. This organism is said to be present in 90 to 95 per cent of Streptococcus mastitis, and its presence as in many cases very difficult to determine. In severe cases of infection the milk is so changed that flakes or clots, which can be readily detected, appear in the milk, but in chronic cases the product may be changed in composition without its appearance being altered.

"The udder disease is of extreme importance to the dairy industry. The annual loss to the industry is estimated to be about 70 million dollars which is evidence that it is one of the most serious diseases with which the dairyman is confronted and during the present time when every effort should be made to conserve the resources of the nation, every dairyman becomes more concerned about the control of this disease.

"This great economic loss is brought about through the loss in milk production of the infected cows. Many of these cows may continue to secrete milk but it is abnormal and cannot be used for human consumption. In other cows there is a loss of the entire udder and the cow is a total loss as a milk producer. In work at the Connecticut Station it was found that in a herd of cows milked twice daily and with ordinary herd management practices prevailed there was a loss of 12 per cent in milk production due to mastitis infection in the cows. The highest production herd consisted of 35 cows and in the low production herd there were 22 cows. The production in some individual cows in these two herds was reduced as much as 40 per cent whereas there were a few cows that showed no reduction in milk flow. Furthermore, with very few exceptions there was a loss in the per cent butter fat in the milk, however, this loss was very small. In both herds all four quarters were infected, in the cases considered in these data.

"The work of various authorities in the field of mastitis investigations indicate that the average incidence of infection among the cows in the dairy herds investigated is from 30 to 50 per cent, depending on the method of diagnosis. About 90 per cent of the cases have been found to be due to the organism Streptococcus agalactiae or mastitidis. The usual percentage of infection due to various Staphylococcus and bacillus organisms is about 10 per cent.

"Streptococcus responsible for infections in humans are sometimes isolated from cases of mastitis but are seldom responsible for mastitis infections in cattle. These organisms are usually harbored in the udder of the cow temporarily and have little tendency to establish themselves permanently.

"There is a large variety of tests used to detect mastitis infections of the udder if the cow, and the results of these tests indicate much variation in the sensitivity of the different tests. However, at the present time the results of several of the most uniformly reliable tests are used to diagnose the presence and nature of the infection.

These facts have been found to detect at least 90 per cent of the infected udders when checked, with the blood plate laboratory test which is used as a standard of comparison. The blood agar method of culturing and isolating the streptococcus organism is the only accurate method of determining the presence of this organism in the milk of a cow. In our work at this station the Hatis

## New Season Promises to Be One of Best Presented Here

Tickets Are \$2 for Aggies and Servicemen College Staff and Local Residents Pay \$5.00

The complete program for the 1943-44 Town Hall season has been announced by the Town Hall Committee through the Student Activities office, according to a statement released this morning relative to this year's entertainment.

## Commencement for Class of '44 Will Be on September 17

Final Ball, Cadet Review and Senior Reception Planned

The commencement program for the class of 1944 has been announced by Dr. E. P. Humbert, head of the commencement committee. The program will take place on the 17th of September.

The schedule reads as follows: Friday morning at 10:30, the Baccalaureate Sermon will be delivered by Reverend John Donaho of the Oak Lawn Methodist Church, Dallas, Texas.

A Cadet review is to be held Friday afternoon at 3 o'clock.

The commencement procession will begin at 7, Friday evening and at 7:15, Commencement exercises begin. The commencement address will be delivered by L. J. Wardlaw of Fort Worth.

George James Charlebois of Los Angeles, California, is to be the Valedictorian speaker. The acting-president of the college will confer the degrees. Diplomas will be presented by F. M. Law, President of the Board of Directors of the College.

At 8:30, the reception for members of the graduating class and their guests, former students and their families, and members of the faculty and their families, on the lawn of the President's home.

The Final Ball will be held at Sbis Hall at 10 o'clock.

Reserved seat tickets will go on sale Tuesday, September 14, with booths in the Student Activities office Room No. 3, Administration Building and in the lobby of the YMCA. No tickets will be sold before nine o'clock Tuesday morning, September 14, and no reservations will be made by telephone. Those interested in purchasing season tickets for the 1943-44 Town Hall programs must apply in person at one of the ticket booths set up on the campus for the convenience of the public. Additional booths will be set up in Bryan, the location of which will be announced later.

The booths will be supplied with a floor plan of Guion Hall so those (See TOWN HALL, Page 4)

## Aggie-Ex's Go To Bombardier School As Aviation Cadets

Aviation Cadets Hal D. Farmer and Chas. W. Carpenter have just arrived at the Big Spring Bombardier School it was announced by Colonel Robert W. Warren, commandant of the school.

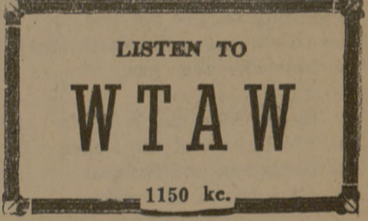
Cadet Farmer is the son of Mr. and Mrs. Lester L. Farmer of 511 N. Catherine St. in Terrell, Texas. He graduated in 1941 from Terrell High School and attended Texas A. & M. College until he entered the service of his country in December, 1942. He lettered in football, softball and track, and played the trumpet in municipal band for four years.

Carpenter's wife lives at 901 N. Franklin St., Marshall, Texas. His mother, Mrs. May M. Carpenter, lives at 1112 Bowie St., in Texarkana. He attended Marshall High School and Texas A&M College at College Station. Before entering the service he was employed at a Clerk at Longhorn Ordnance Works, Karnack, Texas.

Upon satisfactory completion of his training here they will win their silver wings as bombardiers and be appointed a flying officers in the Army Air Forces.

The Big Spring school, one of the world's largest bombing colleges, graduates a new class of "hell from heaven" men every three weeks, and its outstanding record for safety in the air has earned for it the reputation of being the safest school of its type in the country.

Bombardier cadets spend many long hours flying over the vast (See AGGIE, Page 4)



- Tuesday, September 7
- 6:02 a. m. Texas Farm and Home Program, TQN; Extension—T. R. Timm; Physical Education—W. L. Penberthy
  - 11:20 a. m. Musical Moment
  - 11:25 a. m. Today's Summary on the Home Front
  - 11:30 a. m. Current Economic Problems
  - 11:45 a. m. Chats to Texas Homemakers
  - 11:55 a. m. News-Interviews
  - 12:00 a. m. Sign-Off
- Wednesday, September 8
- 6:02 a. m. Texas Farm and Home Program, TQN; Triple A; Poultry Husbandry—D. H. Reid
  - 11:20 a. m. Musical Moment
  - 11:25 a. m. Today's Summary on the Home Front
  - 11:30 a. m. Treasury Star Parade
  - 11:45 a. m. Brazos Valley Farm and Home Program—Extension Service
  - 11:55 a. m. Air Corps News
  - 12:00 a. m. Sign-Off
- Thursday, September 9
- 6:02 a. m. Texas Farm and Home Program, TQN; Extension Service—E. R. Eudaly
  - 11:20 a. m. Musical Moment
  - 11:25 a. m. Today's Summary on the Home Front
  - 11:30 a. m. Something to Read
  - 11:40 a. m. Special Broadcast
  - 11:45 a. m. Brazos Valley Farm and Home Program—FSA
  - 11:55 a. m. News-Interviews
  - 12:00 a. m. Sign-Off
  - 7:00 p. m. "Back the Attack"
  - 7:30 p. m. Sign-Off