

Official Notices

REGISTRATION FOR THE SECOND TERM OF SUMMER SCHOOL

Those students who were in attendance in A. & M. for the first term of the 1941 summer session may pay their fees at the Fiscal Office beginning at 8 a. m., Thursday, July 17. The receipt showing payment of fees for the first term of summer school must be presented to the cashier at the time the student expects to pay his fees.

Students living in the dormitory are expected to reserve their rooms by Saturday noon, July 19th; otherwise, the rooms are likely to be assigned to other individuals.

—H. L. Heaton, Acting Registrar.

NEW STUDENTS

All new students registered in A. & M. for the first time who expect to register here in September, should come by the Registrar's Office and secure a new entrance card.

Storage Rooms

Storage rooms in the basement of Guion Hall (rear entrance) and in basement of Dormitory No. 3, (Briggs Hall) will be open for business from 8 a. m. to 5 p. m. on Saturday, July 19 and on Monday, July 21. Storage rooms will not be open for business again until September.

Wendell R. Horsley, Chairman Student Labor Committee

Classified

FOR SALE—Wooden lawn chairs made by Farm Shop students. Will be sold at reasonable price. Agri. Eng. Dept.

Aggie to work afternoon or night. Must be able to paint signs fairly well. Preferably freshman - to work 3 or 4 more years. Campus Theater.

RIDE TO CALIFORNIA for four. Leaving Saturday night or Sunday. See Lee Lacy, Catholic Church basement or phone Pugatch, 4-4764, North Gate Project House.

Library Books Due
All library books are due on Monday, July 14, and must be returned promptly.

Signed: Thomas F. Mayo, Librarian

Farm Security—

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get more meat, milk and eggs.

C. T. Watson, Acting State FSA Director from Dallas, was in charge of the meeting.

A plan whereby children of Farm Security borrower families might help in the "food for defense" campaign was adopted at the meeting. Children, both boys and girls from 9 to 20, whose parents are FSA borrowers or prospective borrowers may borrow the money to buy a calf, pig, or poultry to be raised on the home farm with farm-grown feed.

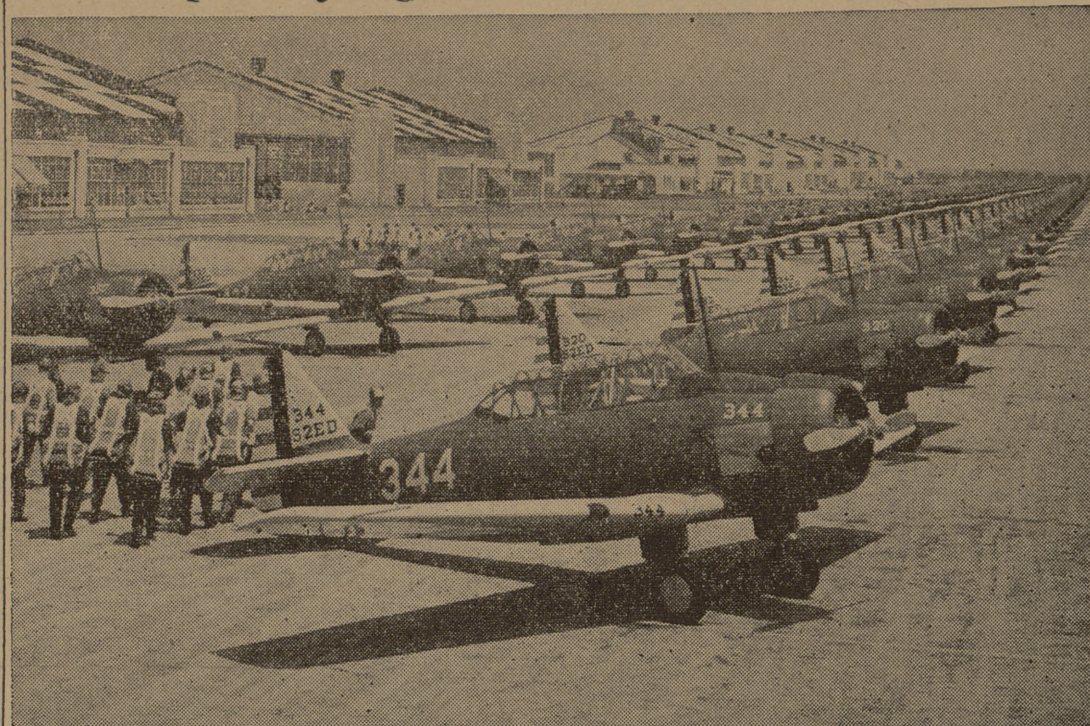
"These youngsters will ban into 'FSA Pig for Britain Clubs,'" according to Earl Patterson, San Antonio, who developed the idea. "There will also be 'Calf for Britain Clubs' and 'Poultry for Britain Clubs,'" he said. These animals will be fattened in accordance with the U. S. Department of Agriculture's food and defense program and sold.

"Money derived from the sale will pay off the FSA loan and the remainder invested in United States Defense Bonds and stamps," he continued. The plan is being put into operation in Atascosa county first and will be expanded to other counties later.

"In addition to helping national defense, this plan provides a means by which children in small-farm families can help their country and at the same time start an investment in Defense Bonds and Stamps," Patterson pointed out.

During the annual Farm Security meeting, which was cut to three days this year because of urgent need for speed in the "Food for Defense" program, FSA workers attended conferences both day and evening.

Randolph Flying Cadets



And fledgling pilots at the "West Point of the Air" move to their basic training planes for another morning aloft in the Texas skies. Within a few short minutes this seemingly endless line of over 150 sturdy trainers will be in flight with its student pilots—just another step nearer America's program of training 30,000 pilots a year. Completing their ten weeks and 70 hours aloft at Randolph Field, Texas, classes of almost 400 Flying Cadets leave this south Texas school every five weeks for advanced fields to complete their training for wings and commissions. Follows then active duty, as the young flying officers "Keep 'em Flying" with the Army Air Corps.

Short Course—

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culture, extended greetings, and introduced speakers and prominent guests.

Thirty-four sectional meetings were held between 10 a. m. and noon, and a like number from 2 to 4 p. m. Monday. On Tuesday, 32 meetings were held during the morning program and 36 during the afternoon. The meetings were so spaced over the two days that visitors were able to hear many of the discussions.

The adult section of the short course closed with a program beginning at 7:30 p. m. Tuesday, in the stadium, which included group singing and a pageant, "Freedoms We Defend," performed by students of the Austin High School, Bryan.

Other groups held conferences or annual sessions at the college parallel with the short course. On Monday, the Texas Master Farmers' Association held a two-hour get-together with Eugene Butler of Dallas presiding. Plans for the annual meeting of the Organization at Waco in January were discussed.

A joint conference was held Tuesday by the Texas Wildlife Federation; Texas Game, Fish and Oyster Commission, and the Texas Nature Federation. The Mid-South Texas Hereford Breeders' Association held a meeting with a luncheon on Tuesday.

Highlights on Monday's Short Course program included: Discussions of problems submitted by county land use planning committees, Bassett Orr and C. A. Bonnen, speakers; Agricultural credit clinic, with Louise Bryan and T. R. Timm of the Extension Service, and representatives of six farm credit institutions present to answer questions; Attractive everyday foods for defense, Jennie Camp, Jessie Whitacre and Zetha McInnis, speakers; Planning the family wardrobe, Mrs. Dora R. Barnes speaker; Insect control clinic, Cameron Siddall, speaker; and Texas cooperatives in action—a moving picture, C. E. Bowles, speaker.

Tuesday's program featured achievements of 4-H scholarship girls, with 4-H Club girls as speakers. Bernice Claytor spoke on "Furnishing Your Home With Cotton," and Roy W. Snyder, extension animal industries specialist, gave a talk on killing, cutting and curing meat.

Aeronautical Training Laboratories Rates One Of Largest In Southwest

Visitors to the campus of A. & M. College would little recognize the old laundry building which was given to the department of aeronautical engineering at the beginning of the 1940-41 school term to turn into a modern aeronautical engineering department. It is in fact one of the largest and most complete aeronautical training laboratories in the southwest.

Fourteen airplane engines, a wind tunnel, and two partially disassembled airplanes constitute a part of the equipment found in the aeronautical engineering laboratory found in the old laundry building at A. & M. College. The department of aeronautical engineering was organized and put into operation for the first time during the school year 1940-41 under the direction of Dr. H. W. Barlow.

The United States Army Air Corps has given the department four radial type airplane engines which develop from 40 to 600 horsepower each. One of these motors is a Wright Cyclone and the other three are Pratt Whitney Wasp engines. In addition to these there are four World War I type rotary engines which were given to the department by T. L. Smith, Jr., A. & M. '98 now living in Houston.

Other engines are a 140 horsepower Sturdevant engine of the V-8 type and a 50 horsepower Lycoming engine as is used in the primary training planes of the Civilian Pilot Training courses. Two water cooled V-8 type 90 horsepower Curtiss OX5 engines such as those used in the World War planes known as Jennys, a Curtiss V12-3 air cooled and a five cylinder 125 horsepower Wamer engine complete the group. All of these have been reconditioned by students working in the aeronautical engineering department and was used for instruction purposes. Many propellers of various types are available for instruction, the most modern of which is a Hamilton Standard constant speed propeller furnished to the shop by the United Airlines.

A wind tunnel was recently completed by the students working in the department and is to be used in testing aircraft models. The structure was designed by E. J. Leshner, instructor in aerodynamics, and was constructed by the students under his direction. The entire tunnel is approximately 25 feet long, has a two by three foot throat, and is capable of creating a wind of from 80 to 100 miles per hour. The power is supplied by a model A Ford engine which has been converted and rebuilt for use with the wind tunnel.

Two airplanes partly disassembled are used for instruction. One of these is a PT-3A Army Primary trainer given to the department by the Army and built by Consolidated Aircraft Corporation. The other ship is an Eaglerock built in about 1927 and now used as a "run-in" stand for the 50 horsepower Lycoming engine. This was used for demonstration during the recent engineer's day exhibit. Numerous control surfaces are stored in racks around the walls and have been collected from various places.

A complete set of aircraft navigation instruments are included

College Exhibits Shown At Cotton Congress In Waco

Extensive cotton exhibits from points throughout the United States portraying the latest developments in growing, processing, marketing, and utilizing cotton and cottonseed products were shown at the Second Cotton Research Congress held in Waco June 26-28. A display arranged by the several departments of the A. & M. College, including the Experiment Station and the Extension Service, showed the activities of cotton classes and the work of the Agricultural Experiment Station in cotton insect and disease control, cotton breeding, textile research, mechanical harvesting of cotton, research in the chemistry of the cottonseed and in the feeding of cottonseed products to livestock and poultry.

An exhibit by the Division of Agronomy showed phases of the new cotton breeding experiments with live mature plant specimens from the greenhouse. The exhibit illustrated the effect of the drug colchicine on cotton plants to cause initially sterile hybrids between American upland and Asiatic and wild types to produce seed. This new breeding technique, unknown until four years ago, gives promise of developing new types of fibers with greater strength, durability, and luster and plants more resistant to insects and diseases. The work thus far has resulted in producing fibers 25 to 35 per cent stronger than ordinary cotton and with different fiber characteristics. There are possibilities of producing new types of fibers that may be immediately adapted to particular new uses, may increase the present uses, or may afford material for chemical and physical processing, thus giving a much wider range of types for these purposes.

Other exhibits from the Extension Service, the University of Texas, and various commercial concerns presented considerable progress in the conquest of wide fields in the cotton industry.

Meteorological instruments for determining humidity, barometric pressure, wind velocity, and direction are also included in the equipment.

Remodeling Of Cotton Harvester Nears Completion

H. P. Smith, chief of division of Agricultural Engineering, Texas Agricultural Experiment Station, states that the re-designing and remodeling of the mechanical cotton harvester is nearing completion, with the complete rebuilt machine to be ready for operation about September 1.

This remodeled mechanical harvester is to be used this fall on several varieties of cotton as it has been in the last few years. There are three processes that must be considered in the mechanical harvesting of cotton. They are: harvesting, extracting, and cleaning. At the present time, it is the cleaning of the cotton that offers one of the greatest troubles, since cotton in this section has a large amount of foliage. Also, foliage seriously affects the cleaning problem in that the leaves get on the cotton and are very hard to separate from the seed cotton.

Mr. M. H. Byrom, Assistant Agricultural Engineer, is in charge of construction and all mechanical work of the cotton harvester.

Preliminary tests in U. S. Department of Agriculture laboratories show that rotenone and pyrethrum, insecticidal materials heretofore used only as sprays or dusts, can be converted easily into fumigants that may be even more deadly. The two properties are highly toxic to insects but not to man.

Twilight Leaguers—

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in the final inning. Bill Carll's catch of a high foul around the screen, too, proved popular with the fans.

As for the slugging, Roy Olbrick and Jesse Key led the attack for the Twilight Leaguers in the first game, while Roland Crenshaw came through with two bingles to lead the Bryan attack.

Soil erosion has cut the useful life of more than 20 per cent of the water supply reservoirs of the United States to less than 50 years.

Campus

Correctly Air-Conditioned by Frigidaire

Continuous Showing Schedule Wednesday, Thursday, Friday Saturday and Sunday.

15¢ Matinee — 20¢ Night

TODAY and TOMORROW BIG DOUBLE FEATURE

No. 1 "South of Suez"

George Brent - Ann Sheridan Shows at 1:30 - 4:21 - 7:12 - 10:03

No. 2 "Blondie Goes Latin" The Bumsteads - Tito Guizar Shows at 2:57 - 5:48 - 8:39

FRIDAY and SATURDAY

Another Double Feature . . . and it's BIG too!

No. 1 "Honeymoon For Three"

Two of 'em are George Brent - Ann Sheridan Shows at 1:30 - 4:17 - 7:04 - 9:34

No. 2 "Carolina Moon"

Gene Autry Shows at 2:45 - 5:32 - 8:19 - 10:51 Also "Porky Pig" - News

PREVUE SAT. NIGHT SUNDAY - MONDAY



with Loretta Young Robert Preston Edward Arnold

On Saturday Night, Feature will start a few minutes after midnight —after the Juke Box Prom.

TUESDAY ONLY "Cowboy and The Blonde"

The Blonde is Mary Beth Hughes

Juke Box—

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have had fun meeting and associating with the participants.

Maybe you learned some new dance steps, or did you teach someone else? It seems that the congas and rumbas are making their exits, as the enthusiasm for them has disappeared. "Frenesi" held a mighty cry for requests, and so did "In Apple Blossom Time." Nothing can beat the ever popular "Stardust" though, it will live forever. The smallness of the crowd must have been noticeable for people have asked if the idea of Juke Box shuffling was getting old and tiresome, is it?

The fruit variety orchard at the Nacogdoches Experiment Station contains 301 peach varieties.

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"Two Convenient Stores" College Station - Bryan

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Need a Pick-up? TRY Lilly Ice Cream at CREAMLAND

Mrs. Parkhill's Lunches \$5.50 Meal Tickets \$5.00 \$3.30 Meal Tickets \$3.00

WE HAVE THE LATEST Victor and Bluebird Records

Sweeter Than The Sweetest
Glenn Miller
Georgia On My Mind
Artie Shaw and Orchestra
Green Eyes
Tony Pastor
The Things I Love
Jan Savitt
Loveless and Love
Larry Clinton
Intermezzo
Joan Merrill

Ask about the new RCA Victor Long Life Needle

HASWELLS
Bryan

ARE YOU READY to GO?

3 POINT CHECK-UP STARTS YOU OFF!

Motorists—summer highways call you to enjoy good driving! But first you must condition your car, so it's trouble-free. Washing, greasing and lubricating are of vital importance to safe, economical driving.

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CLYDE DARK, Manager
Sulphur Springs Road - North Gate - Phone 4-4684