

Eight Straight—Aggies Record . . .

First eight straight—that's a good record in anyone's statistical table. And that's the record the Aggie baseballers have chalked up so far this season. True, it wasn't against Conference teams, but these victories, and the team's performance in winning, indicate that the Aggies are top-notch college baseballers.

The thought that is uppermost in the minds of these hard-working, tobacco-chewing sluggers is winning the Southwest Conference baseball crown. The thought that should be uppermost in the minds of all Aggies is "We're going to help them do it!"

Every one of us wants to be able to point with pride at the Conference pennant flying above the Kyle Field baseball stands.

Thursday afternoon, the Conference race begins with a contest against TCU here on our home grounds. This will be an opportunity for the cadet corps and the veteran Aggies to show that they are solidly behind Lil Dimmitt's stellar nine.

Come on out, ole Army! Fill those stands to overflowing, start the old chatter passing back and forth. Learn all the players, their habits, their strong points, and their weak points. Follow the team, and cheer them on to a Southwest Conference championship!

LETTERS TO THE EDITOR

Dear Sir:

Please accept my congratulations for your very clever "tea-sippers" news item in today's Batt. My husband and I enjoyed it very much.

While we are on the subject of T. u., may I bring this to your attention? When did one of those "tea-sippers" creep in and plant orange flowers all over the Aggie campus? Are our faces red!?!

Yours very truly,
Mrs. U. V. Johnston.

To the Editor:

It's true that Chad is here and Kilroy at Forty Acres, but it wasn't always that way. Or how

do you account for such blackboard scribbings as "Kilroy busted Eco here," or "Kilroy flunked Analyt here"?

Could it be that Kilroy flunked out at A. & M. and is now a tea-sipper?

(signed) CHAD

Dear Editor:

I humbly submit a question (in very bad verse) which I think should be answered.

Sbisa

Does it rhyme with the way a New Yorker says kisser?

Do you say it to sound like the Tower of Pisa?

Is the "S" silent? the "B"? The spelling suggests:

That you sneeze when you say it. Who knows which is best?

Answers are varied to my curious query.

Fish say they don't know, but seniors can't hear me.

You'll cure our insomnia; our grades will be better.

Thousands await your reply to this letter. Sincerely,

Glen Haley.

In 1911, A. G. McGallin, established the aviation industry in Dallas building planes in his backyard, on Ervay street.

Texas Too Fur South Fur Mink, Says F & G Dept.

Prospects for profits to be derived from mink farming in Texas are not bright, according to Dr. Walter P. Taylor of the Fish and Game department. Veterans had asked for information, Dr. Taylor said.

"Unfortunately we cannot give the prospective fur raisers very much encouragement in the matter of mink raising or other forms of fur farming in Texas," Dr. Taylor said. "We really have too warm a climate for the best results with mink and other furs of that type. In the United States most of the ranch raised minks are produced either in the northern half of the country or elsewhere at high altitudes. Seemingly the colder climate tends to a better development of fur. There once was a mink farm out in the El Paso region but that has been sold out."

A number of bulletins on mink raising have been prepared by the Fish and Wildlife Service of the U. S. Department of the Interior and are available from the Texas Cooperative Wildlife Research Unit at A. & M. College.

FEATURES

Aggie House--Marms

(EDITOR'S NOTE: Presented herewith is the sixth of a series of thumbnail sketches on the house masters in charge of the non-military dormitories on the campus.)

B. F. (BILLY) BOLTON is 25 years old, from Sulphur Springs, Texas. Received B. S. in 1942, and is now taking pre-medical work. Entered service in May, 1942, as 2nd Lieutenant, separated in January, 1946, as Captain. Served 10 months with 15th Air Force in M. T. O. Flew 26 missions before being shot down over Augsburg, was prisoner of war for two months. Received E. T. O. ribbon with three campaign stars, Air Medal with two clusters, and Unit Citation. Housemaster for Dorm 12, and lives in Room 218.

(Next issue: O. J. Bolton)

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Du Pont Digest

Items of Interest in the Fields of Chemistry, Engineering, Physics, and Biology

NYLON—PRODUCT OF PURE RESEARCH

NYLON exists today because of curiosity—the curiosity of a group of Du Pont chemists who wanted to know more about polymerization, that strange process by which small molecules of a chemical unite to form larger molecules with entirely new and different chemical properties.

Du Pont chemists began a study of polymerization in 1928. They experimented with dibasic acids and within two years had succeeded in forming polyesters with molecular weights up to 25,000. In the spring of 1930, on removing one of these "superpolymers" from the molecular still, one of the chemists noted that it could be drawn out into a thin strand, like taffy candy. But, unlike taffy, it was not brittle when cooled. In fact, the cooled strand could be further drawn out to several times its former length and when so drawn became not only stronger but elastic!

This original ester polymer had a low melting point and was sensitive to water. Nevertheless, it suggested that some related type of polymer might produce fibers which would be of practical use in textiles.

Numerous superpolymers were synthesized and tested. Finally, in 1935, a polyamide was prepared. From it, the first nylon filaments were made—by forcing the molten polymer through a hypodermic needle!

Nylon Polymer Developed

Further experimental work resulted in the development of a polymer that possessed the desired characteristics. This material was later christened nylon.

But the job was not yet done. Research chemists—particularly physical chemists—and chemical engineers were called upon to devise practical methods for making the polymer and for spinning and drawing it into high-quality yarn. Mechanical engineers were given the task of designing plant equipment to carry out the processes. Organic chemists were required to develop new dyeing agents and to find a size to make knitting possible. At one time or another more than 230 research men, engineers and marketing specialists worked on the giant task of converting this child of chemical curiosity into a marketable product.



RESEARCH LOWERS PRICE OF SYNTHETIC UREA

Lower prices, as well as new processes, can result from intensive research. Take synthetic urea, for example. In 1930, urea sold for about 80¢ a pound. Great promise was held for this compound as an industrial chemical for fertilizer and plastic use—if an inexpensive manufacturing process could be found.

By methods then in use, ammonia and carbon dioxide were heated to about 150°C., forming urea and water in equilibrium with the unconverted original compounds. The yield of urea was approximately 43%.

Research by Du Pont chemists and engineers showed that, by adjusting the proportions of the reactants, raising the temperature and increasing the pressure, conversion could be improved materially. But the corrosive mixture resulting quickly chewed up the best grades of steel available.

Long investigation by metallurgists, chemists and chemical engineers finally produced an autoclave in which the operation could be carried on a production basis. Today, Du Pont is able to sell synthetic urea for less than 4¢ a

pound. Men of Du Pont take pride in the fact that their work has made it possible to reduce the price of urea from the "drug" class to a level where it can be used as a fertilizer by the farmer.

Questions College Men ask about working with Du Pont

"WHAT ADVANTAGES DOES DU PONT OFFER A RESEARCH MAN?"

To men interested in pure or applied research, Du Pont offers unusual advantages in equipment, facilities and funds. Men of Du Pont are constantly developing new processes and products, and seeking improvements for established processes. Investigation in the fields of organic, inorganic and physical chemistry, biology and engineering suggest the diversity of the activities of Du Pont research men.



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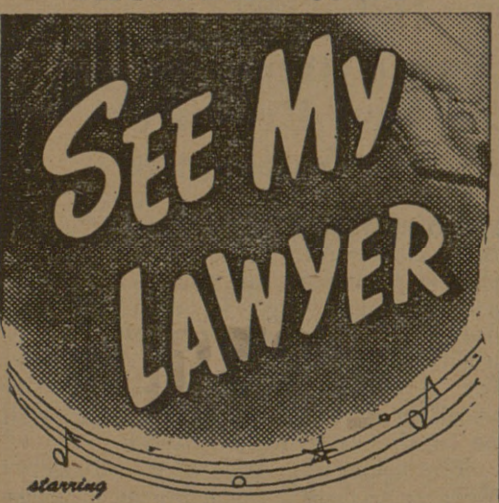
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