

# Cotton Rust Disease Causes Crop Losses In Some Years

Southwestern cotton rust, a fungus disease causing serious crop losses in some years, was described here Wednesday at the annual Texas Insect and Plant Disease Control Conference.

Dr. Lester Blank, U. S. Department of Agriculture plant pathologist at Tempe, Ariz., said the rust is now confined to cotton production areas in the Lower Rio Grande Valley and Trans-Pecos of Texas, and to Northern Mexico, New Mexico and Arizona.

Speaking to about 200 persons attending the final day of the two-day session, Blank said the disease is often fickle.

Avoiding trouble with the rust is a matter of prevention rather than cure, Blank emphasized. Zineb at the rate of 2 pounds of commercial product per 40 gallons of water per acre, plus a spreader-sticker additive, has been effective—if the material is applied before infection takes place. Time of application is of extreme importance.

Since showery weather is necessary to activate the rust, Blank recommended application of the fungicide in early July, just before

sudden shower weather usually occurs. Additional applications should be made at 10 to 12-day intervals into early August.

The pathologist said two different host plants are required in the rust's development cycle—Cotton

and grama grass. The conference was sponsored by the Departments of Entomology and Plant Sciences, Agricultural Extension Service and the Agricultural Experiment Station of A&M University.



CONFERENCE SPEAKERS

Left to right, Herbert Tamask, Dr. Lester Blank, Same Fine.

# Undergrads Will Present Papers To Annual Meet

A&M University undergraduate students will present 15 research papers at the annual Texas Academy of Sciences (TAS) meeting in Abilene Dec. 5-7, Dr. Charles LaMotte, A&M biology professor and chairman of the collegiate committee of TAS, announced.

Approximately 50 scholarly papers on research in mathematics and the physical, earth, biological, social and environmental sciences will be given during the three-day meeting on the Abilene Christian College campus.

Dr. LaMotte said the 15 papers from A&M is believed to be the largest number given by one college or university at the annual meeting.

The students include: Leonard G. Steffens, Jr., who will present a biochemistry research paper; James M. Burns, Jr., 1205 E. Huntington, a paper in physics; James N. Downing of 1200 Pecan, a physics paper; Billy Don Faubion of 509 W. 5th St., a chemistry paper; Idis W. Goddard, a wildlife management paper; Van Conner, a wildlife management paper.

W. F. Semmelrogge, Jr., of 634 Louisiana, a chemistry paper; Don E. Wilson of 1309 10th St., a wildlife management paper; Joe Tru-

ett of Route 3, a wildlife management paper; Jack Gibbs of Route 1, a physics paper; Charles O. Hook of 202 Bluebonnet Drive, a physics paper; Robert Petty of 1509 SE 23rd Avenue, a physics paper.

James E. Parker of Route 1, an agricultural engineering student who has conducted a study of the effect of different moisture levels on cotton root growth; John A. Lipe of Route 3, a soil science paper; David Tim Wegar of 3116 Lyle, a physics paper.

## Hussain Returns

A. M. Mnezzam Hussain, a Pakistani doctoral candidate in Agricultural Economics at A&M has just returned from Wisconsin after attending the seminar on agricultural co-operatives conducted by the International Co-operative Training Center. Hussain has the impression that by attending this seminar he has not only gained knowledge on the fundamentals of the co-operative movement but has also gained a better understanding of special problems faced by the newly developed countries of the world.

# Foreign Student News

By ALAUDDIN AHMAD  
Department of Biochemistry and Nutrition

Most of the newly independent countries today face a serious problem in the language of instruction at secondary education level and at college and university level.

In most countries which were under foreign rule and have gained independence recently, language of the ruling country had replaced the language of the land as court language, official language, and medium of instruction. In many of these countries languages of the land were not lacking in their literary merits or their potential ability to meet the challenge of new horizons of human knowledge.

YET, during the period of foreign rule, these languages of the land were neglected and language of the ruling country was preferred and gained prominence in the dominions and colonies as official language.

This meant that even at a very early age school-going children were burdened with the task of learning an additional language and keeping it up all the way through. Besides the loss in terms of time and energy, this has been a deterrent in many cases to the developing minds where barrier of a foreign language at a very early age served as a stumbling block. Knowledge can be gained more easily and naturally in the language in which the children grow up—language which is spoken in their environment and to which they are accustomed.

NEED was felt in many countries which were under foreign rule to introduce languages of the land as medium of instruction, particularly at secondary school level. In many such countries a start was given in this direction even before they gained independence. In British India before the British withdrew as ruling power, many universities allowed the students the option to write answers in English or in the language of the land at secondary education level. This privilege is allowed both in Pakistan and India.

Whereas this is a step in the right direction, there is need to exercise discretion and proper judgment and not to let exuberance of national feeling and enthusiasm blind us to the reality and take us further along in the wrong direction.

LANGUAGES of the land in most of these countries (dominions and colonies) in spite of the very high literary value and merit, were neglected during the period when human knowledge in science and technology had made tremendous progress. These languages were not prepared to serve as vehicles in these fields. In many cases they do not have words for various terms. The change over to the language of the land as medium of instruction at all levels of education must necessarily be a slow and gradual process. Time must be given to develop the language of the land first for this task.

Commissions should be appointed with men of letters in all walks of life to prepare the language by suitable translations, absorption of foreign words, and when necessary, by coining new words. This will take time. During this time the education program of the school-going children should not be disturbed by neglecting the current official language (language of the outgoing foreign rulers) in secondary school level. There has been a tendency in this direction with the students have graduated from secondary schools and are ready to go to college and universities their lack of sufficient knowledge of the language which serves as medium of instruction at college and university level have in many cases accounted for their ultimate failures.

IN MY OPINION each of the newly independent countries should do well to teach properly at secondary education level the language which is serving as medium of instruction at college and university level during the period in which language of the land is being prepared to serve as medium of instruction. Our national feeling and our antipathy to the remainder of foreign rule in our country should not make us neglect their language in secondary education level at all.

SUDDEN attempt to forcefully translate all the terms into the language of the land may result in a language which, even though it may serve as medium of instruction both in secondary education level and college and university level, may sound as alien as any other foreign language. It may require more initial instruction and must necessarily be very different from the prevalent language of the land. We cannot afford this. The language which will in future serve as medium of instruction at secondary education level and college and university level, should be close to the prevalent language of the land.

## Announcements

The Indian Student Association will meet on Saturday Nov. 16, at 8 p.m. in the Gray Room of the YMCA in order to nominate a press reporter, discuss annual functions and business, and make plans for a social hour.

★★★  
The Pakistani Student Association of America recently installed the following persons to office for 1963-64.

President, Dr. A. Ahmad; V. President, A. Harman; Sec. Omer Farruk; Treasurer, Wadru Mian; Jt. Sec., A. K. Mannan; and S. M. Bulbul.

The next general meeting of the Association will be held Nov. 15, 6:45 p.m. at the YMCA.

★★★  
Barid B. Mukherji has finished his requirement for the Ph.D. degree in Biochemistry and is now working as a Post-Doctoral Fellow in Biochemistry at the University of Texas.

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BUTT END ..... Lb. 49<sup>c</sup>

ROUND STEAK ..... Lb. 79<sup>c</sup>  
SIRLOIN STEAK ..... Lb. 75<sup>c</sup>  
T-BONE STEAK ..... Lb. 89<sup>c</sup>  
SHOULDER STEAK ..... Lb. 49<sup>c</sup>  
CROWN ROAST ..... Lb. 39<sup>c</sup>  
RIB CHOPS ..... Lb. 69<sup>c</sup>  
STEW MEAT ..... Lb. 37<sup>c</sup>  
CHUCK ROAST ..... Lb. 49<sup>c</sup>  
ROAST Rump or Pikes Peak Lb. 75<sup>c</sup>

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Libby Vienna Sausage ..... 5 For \$1.00  
Hillsdale Sliced Pineapple ..... Flat Can 10<sup>c</sup>  
Rosedale Fruit Cocktail ..... No. 303 Can 3 For 69<sup>c</sup>  
Del Monte Cream Style or Whole Kernel Corn 303 Can 15<sup>c</sup>  
Del Monte Peas ..... 303 Can 2 For 39<sup>c</sup>  
Del Monte Cut Beans ..... 303 Cans 2 For 49<sup>c</sup>  
Kobey Shoestring Potatoes ..... 10<sup>c</sup>  
Kelloggs Croutettes For Foul Stuffing ..... 7-Oz. 31<sup>c</sup>  
Del Dixie Polish Pickles ..... Qt. 33<sup>c</sup>  
Bama Peanut Butter ..... 18-Oz. 49<sup>c</sup>  
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## Memo to Club Representative:

In order to meet our deadline we must require that all club pictures for the '64 Aggieland be scheduled by December 13. You, or a representative of your club should come by the Office of the Student Publications on the ground floor of the Y.M.C.A. as soon as possible to schedule your club's picture.

Needed for your page will be a write-in of your club's purpose and activities (not to exceed 200 words), a list of officers, and the president's or sweetheart's picture (full page may use both). The costs are \$55 for a full page and \$30 for a half page.

All pictures will be scheduled to be taken by Feb. 14; all material regarding club's purpose, activities, and president's and/or sweetheart's pictures and payment will be handed in to Student Publications by the same date, Feb. 14.

Pictures regarding the motif of the locale of the hometown, or the purpose of the professional club, should also be turned in to add variety to your page.

Sincerely,

Wallace W. Migura  
Editor, Hometown Clubs Section  
Randall P. Smith  
Editor, Professional Clubs Section