

Stalking bacteria

Using his bean

A new bean seed industry for Nebraska may be possible as a result of work done by two University professors.

D. P. Coyne, professor of horticulture and forestry and M. L. Schuster, professor of plant pathology, began searching for an improved dry edible bean in 1962. After screening over 2,000 varieties to find suitable breeding material they began extensive plant breeding and research.

The project's purpose was to develop a bean seed which could be grown in Nebraska without being contaminated by common blight bacteria. At the present time Nebraska is the major U.S. producer of Great Northern Beans but growers must import the seeds from Idaho.

Coyne said the bacteria is forced into the plants by driving rain or even light hail. Idaho's dry climate doesn't give the bacteria a means of entry.

The first bean developed by the team was released last year. Called Tara, it is moderately resistant to blight in Nebraska's climate. Now they have produced an advanced type called Jules. Jules produces a high yield and is very resistant to the bacteria.

Coyne reported that Tara was named after a hill near his birthplace in Ireland and Jules after the famous Nebraska pioneer Jules Sandoz.

The genetics specialist was especially enthusiastic over the ecological implications of the research. Coyne noted that plant improvement was "biological control" of the blight.

This means no additional pesticides are necessary. He maintains that bacteria control without additional use of chemicals is most favorable for the state's ecology.

Calendar

Monday, Dec. 14

Regents, 7:30 a.m. Nebraska Union
Inter Varsity Christian Fellowship, 7:45 and 12:30 a.m. Union
Panhellenic, 11:30 a.m. Union
P.E. 31, Mens Bowling 1:30 Union
Ad Hoc Committee On Campus Disorder, 2:30 Union
Towne Club, 6 p.m. Union
Unicorns, 7 p.m. Union
Freshman basketball: Nebraska vs. York Jr. College, 5:12 p.m. Coliseum
World In Revolution-Free University, 7 p.m. Union
Mexican American Student Association, 7:30 Union
Prayer and Praise group, 7:30 Union
Afro-American Collegiate Society, 8 p.m. Union
Kappa Psi Pledges and Activities, 9:15 Union
Varsity Basketball: Nebraska vs. University of Nevada, 7:35 p.m. Coliseum
"You Know I Can't Hear You When The Water's Running" 8 p.m. Howell Theatre
Natche Broadcast: "Editorial Photography" 11:30 a.m. Channel 12, ETV

Discrimination report . . .

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of NU fraternities is now deactivating. There are no blacks in NU sororities.

The report identified Alpha Gamma Rho, Kappa Sigma, Phi Gamma Delta, Phi Kappa Psi and Sigma Nu fraternities and Kappa Delta sorority as not being in a position to accept black members. Robinson recommended that these six organizations should receive a "severe reprimand."

Kappa Delta, the report recommended, should secure a non-discrimination pledge from its national office or have its charter temporarily suspended.

All six Greek organizations should make an "immediate change" in their selection methods, according to the report. Within six months they should be re-evaluated "with the burden on them to show that they no longer discriminate racially."

Robinson said his list of five fraternities which are not in a position to accept black members differed from a list compiled by Ronald Gierhan, who until recently was the Student Affairs adviser to the fraternity system. Gierhan, according to Robinson, listed 14 fraternities which would not pledge a black.

The report noted that some NU Greek houses now allow the vote of one member to bar

another individual from membership. Houses that allow a relatively small percentage of the members to reject a potential member "are more likely to discriminate than others," according to the report.

Robinson also recommended that the Regents:

—May want to give the Office of Student Affairs authority over the selection procedures of Greek houses.

—Should not allow an organization to bar a potential member unless at least one-fourth of the members vote for rejection.

If the two proposals are implemented, the selection process of many Greek houses would be radically changed. The University currently lets the individual houses determine their own selection procedures.

Besides the six organizations that he recommended be reprimanded, Robinson said it was uncertain whether 15 houses are in a position to accept blacks. These houses include: Alpha Tau Omega, Beta Sigma Psi, Chi Phi, Delta Tau Delta, Sigma Chi, Sigma Phi Epsilon and Theta Xi, fraternities; and Alpha Chi Omega, Chi Omega, Delta Delta Delta, Delta Zeta, Kappa Alpha Theta, Pi Beta Phi, Sigma Kappa and Zeta Tau Alpha, sororities.

Those fraternities and

sororities whose ability to accept black member is "uncertain" should be prepared, according to Robinson, to furnish evidence in six months' time that they do not discriminate racially.

Robinson said there were 22 houses which "are now in a position to accept blacks as members."

Robinson, was asked last May by Chancellor D. B. Varner, to determine if the Regents' 1965 anti-discrimination policies were being carried out.

"I am not a sociologist and have no particular expertise in the field of race relations," Robinson wrote in the preface to his report. "What I have written seems to me to be based on common sense and careful observation."

Interviews for Quiz Bowl

Interviews for second semester Quiz Bowl positions will be held Tuesday from 6 to 7 p.m.

Applications and a sign up sheet are posted on the activities bulletin board in the lower level of the Union.

Anyone who has any questions should call Carol Edwards at the Delta Delta Delta sorority house.

STUDENT OPINION QUESTIONNAIRE ON UNIVERSITY PRIORITIES

The following is part of a study by the ASUN Legislative Liaison Research Committee to determine, first, the improvements University of Nebraska students feel should be made in the University, second to find the relative importance of these improvements. Please answer the following as completely as possible. Note directions at the bottom of the page for returning the questionnaire.*

Age Year in School Hometown

The proposed university budget can be loosely divided into three areas: (1) Academic concerns, (2) Capital construction (3) All University projects. Using a scale from 1 (most important), to 5 (least important), check the appropriate box for the following.

I. ACADEMIC CONCERNS

1 2 3 4 5

- a. faculty salaries
- b. more experimental colleges
- c. smaller class size
- d. expanded research programs
- e. increased support for graduate program
- f. funds to provide more flexibility in curriculum through interdisciplinary courses and independent study
- g. others

II. CAPITAL CONSTRUCTION

1 2 3 4 5

- h. Library
- i. Land acquisition
- j. Law College
- k. Home Economics
- l. Field house
- m. Life-Sciences
- n. Intramural facilities
- o. Others

III. ALL UNIVERSITY PROJECTS

1 2 3 4 5

- p. water resource development
- q. industrial development
- r. institute for human environment
- s. making Nebraska a better place to live (cultural events)
- t. teaching improvement grants
- u. TV-computer link between campuses
- v. scholarship funds

IV. Of all the above items, which five do you consider most important

- (1)
- (2)
- (3)
- (4)
- (5)

V. Do you believe that students living in residence halls should be allowed to determine for themselves, the rules governing social visitation?

yes no

VI. Does the education you are now receiving adequately fulfill your goals in attending the University?

yes no If not, why?

VII. Do you intend to remain in Nebraska after graduation?

yes no

* Please return to ASUN office, room 334, Nebraska Union. Questionnaires may be sent through campus mail, or placed in marked boxes at the City Campus Union, Oldfather lounge, and the Residence Hall's Cafeterias.