



PLACEMENT

Tuesday, Nov. 10

Thursday, Nov. 12



Quiz Bowl Announces **Tonight's Match Times**

Quiz Bowl teams competing in the first three matches tonight must report at 7 p.m.

They are FarmHouse II and Pi Beta Phi I, who will meet a.m. at 7 p.m.; Delta Upsilon vs. Unicorms, 7:25 p.m.; and the Blanks vs. Pharmacy College 7:50 p.m.

Teams participating in the final three matches of the p.m. evening must be checked in by 8:15 p.m. They are Phi Psi Wizards vs. Alpha Delta 234, 4:30 p.m. Pi I 8:15 p.m.; Ag Men vs. Delta Gamma II, 8:40 p.m.: 332, 4:30 p.m. Piper Hall vs. Sigma Chi, 9:05 p.m.

Scientists Study Calf Crop

INTERVIEWS Monday, Nov. 5 Los Angeles Counts Civil Service Com-mission: students receiving degrees in ald Clanton, of the University B.S. M.S. C.E. Try," according to Dr. Don-ald Clanton, of the University department of a n i mail bred before and word late. BOWL. Union ence Rooms, 7 p.m. Marathon Paper, Division of American Can Company: students receiving degrees in B.S., M.S. Bus. Adm., Lib. Arts. "The

Collins Rado Company: students receiving degrees in B.S., M.S., Ph.D. E.E.; of this problem to the United reproduction but probably pus M.S. M.E.

The Procter & Gamble Company—Research and Development Department: students receiving degrees in Ph. D. Chem.

The Procter & Gamble Company: students receiving degrees in B.D., M.S.

Ch.E., C.E., E.E., M.E.

States and especially to the Great Plains area is readily apparent when one considers the size of the cattle population and the impact that even a small improvement in per-Ch.E., C.E., E.E., M.E.

Arthur Andersen & Company: students receiving degrees in B.S. M.S. Accounting. Bus. Adm. Engra. Law. Lib. Arts with at least 6 hrs. of Accounting. Ernst & Ernst: students receiving de-trees in B.S., M.D.-Accounting, L a w with undergraduate training in Accounting.

Chies Service Gas Company: studnets of calf crop percentages of function and energy utilization and energy utilization and energy utilization and retention following p.m. Decre & Company: students receiving degrees in B.S., M.S., Ph.D.-Ag.E.; M.S., M.E., I.E., Bus. Adm., Acctg. FMC Corporation—Niagara Chemical beef cattle industry.

Division: students receiving degrees in Ph.D.-Ch.E., M.S., Ph.D.-Chem. (Phys., Ing., Blochem., Ore.) Searchers are studying the affects reproduction would aid FMC Corporation—Inorganic Chemicals
Division: students receiving degrees in B.S. M.S. M.E., Ch.E.

Telationship of energy intake by the bred heifer on subse-

Marathon Paper, Division of American Can Company: students receiving degrees in a shove.

International Milling Company Inc.; students receiving degrees in Agriculture.

Dwang Zinger project are Clanton and Dr. performance. dents receiving degrees in Agriculture (interviews on Agricultural Campus).

One hundred half-sister hei-Deere & Company; students receiving tempt will be made to ac- low levels of pre-calving en-Bell System (A.T.&T.-Long lines, Northwestern Bell, Sandia, Western Electric, Bell Lab); students receiving degrees in, as before.

To determine the spring and summer of 1965 for use in the Esso Research and Engineering Com-pany Humble Oil & Refining Company; students receiving degrees in B.S. M.S. Che.E. E.E., M.E., Ph.D.-Chem.

Celanese Corporation of America, stu-dents receiving degrees in B.S., M.S., M.E., All degrees—Chem., Ch.E., Phys-"Most beef cow herds in Flack & Veatch, Consulting Engineers: the United States subsist the students receiving degrees in B.S.-C.E., year round on native range to the internal formation and the internal formation and ture and range forage part of first estrus (heat cycle).

"Regardless of the type of tric. Bell Lab): students receiving de- or eration used, major emone Mobil Oil Company. Inc.-Re-Department: students receiving de-in Ph.D.-Chem. Physics, Math. ing the use of feed supple-

"Low calf crop percentage that adequate energy intake represents a major economic is necessary for good reproloss to the beef cattle industry," according to Dr. Dondepartment of a n i m a 1 bred heifer and young lactating cow. Protein seems to p.m., Food and Nutrition "The economic importance have less direct influence on Building lounge East Cam-

"Little is known concerning the influence of energy intake He added that improvement before calving on endocrine

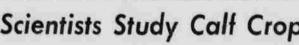
> An understanding of the ing practices which would sup- India Association Film

Clanton outlined the overthe animal science depart- all objectives of the project presented by the India Asso- Each enzyme works on a as follows:

second replication of the stu-tentiin in the post-calving two-tive committees. Admission The materials with which dy to be conducted in 1966- year old beef heifer as influ- is \$1.00 per person. Contact Dr. Pazur works are crude enced by pre-ialving energy Mrs. Pramila Chanden at enzyme preparations obtained intake.

To determine the relationor pasture. Others utilize pas- the interval from calving to

> Keaa Want Ads Nebraskan



States and especially to the

portunities for reducing pro-duction costs and improving beef cattle industry

University livestock re-Co-leaders of the four-year port maximum reproductive

Bell System (A.T.&T—Long Lilnes, Northwestern Bell, Sandia, Western Electric, Bell Lab), students receiving degrees in B.S.-B.A. M.S.-M.A.-Bus. Adm., Lib. Arts. E.E., M.E., C.E., Arch. E., All degrees—Math., Physics, Chem. Statistics

tion of the study and an at. heifer induced by high and tan.

Research and Engineering Com-tumble Oil & Hefining Company: a receiving degrees in, as above, remainder of the year. System (A.T.&T.-Long Lines, stern Bell, Sandia, Western Elec-

ments, Clanton said.

Recent evidence indicates

Campus Calendar

TODAY

U.C.C.F., Union 240, 11:30

PLACEMENT LUNCH-EON, Union 241, 12:30 noon. QUIZ BOWL COMMITTEE,

Union 332, 3 p.m.

Union 334, 4:30 p.m.

ENGINEERING FACUL-American, 6 p.m.

Party Room, 7 p.m. STUDENT COUNCIL QUIZ

ALPHA TAU ALPHA,

ALPHA PHI OMEGA, Un-MATH COUNSELOR PRO-GRAM, Union 349, 7:30 p.m.

ARCHITECTURE DEPT., Presentation of Salt Creek Redevelopment Program, Union 240, 241, 7:30 p.m. AUF ACTIVITIES QUEEN

INTERVIEWS, Union 334, 8

Union, 4:30 p.m. PLAYBOY PHILOSOPHY, YWCA Seminar, South Party Room, Union, 7 p.m.

BLOCK AND BRIDLE

Scheduled Saturday

ciation Saturday at 7 p.m. in single other substance, called the Student Union. The film its substrate, transforming it To determine the changes is "Tere Ghar Ke Samne" into a specific second subfer calves will be used this in post-calving endocrine func- (In Front of Your House) stance, or product. They are season for the first replica- tion in the two-year-old beef starring Dev Anand and Nu- so potent that a single mole-

> titles with the film. Tickets sands of molecules of subare available from mebers of strate into product in a min-To determine the energy re- the India program and execu- ute. 434-2711 for tickets.

Enzyme Study Successful

vidualistic dictators of biolog- malting grain. ical chemistry, have been regimented for the benefit of contain several different en-University scientist.

SCRIP, Union 232, 3:30 Department of Biochemistry and Nutrition, and his rehas been a big factor in the Y.W.C.A. CABINET, Union decisions of private firms to build two new plants for proc-Y.W.C.A. JR. CABINET, essing starch into glucose, a enzymes, and to use these used for work with many form of sugar.

The project was supported TY DINNER, Union Pan in part by the Agricultural Products Research Fund of JR. PANHELLENIC, Union the State Department of Agriculture.

"These plants will process Confer- many millions of bushels of corn for the industrial market," according to Dr. Pazur.

One of the plants is being built at Elkhart, Ind., by the Miles Chemical Company, and the other at Decatur. Il-Ill., by the A. E. Staley Manufacturing Company.

The glucose from the plant in Indiana is expected to replace raw materials now imported by the fermentation industry, thus broadening the market for U.S.-grown starch sources such as corn.

The glucose from the Illi-AWS HOUSE OF REPS., nois plant will be used in the syrup and distilling industries. Enzymes are substances produced in living bodies which transform other organic substances into differ-CLUB meeting 7:15 Ag Union. ent forms without themselves being affected.

Hundreds of different enzymes have been isolated up to now, and apparently many A film from India will be more are awaiting discovery

cule of certain enzymes can There will be English sub- transform hundreds of thou-

by growing microorganisms

zymes which can act on starch American agriculture by a and which can be in varying produced.

ble purpose: to develop tech- cream. preparations.

He successfully adapted two for other purposes.

One is chromatography on markedly increased, he said.

Enzymes, the highly indi- in appropriate media or by ion-exchange materials. This separates ionized molecules of These preparations often different types so that the different components of a substance can be identified.

The other is a density-graratio to each other, depend- dient centrifugation procedure The work of Dr. John H. ing on variations in the condi-previously used for purifica-Pazur, chairman of the NU tions under which they are tion of viruses. In this procedure the molecules are sep-Undesirable side effects arated according to their sometimes result from the weight in a centrifuge, much UNION CONTEMPORARY research assistants, Kjell use of these impure prepara- as the old-time cream station ARTS COMMITTEE, Union Kleppe and Austra Cepure. tions in industrial processes. operator used to determine Dr. Pazur's work had a dou- the actual butterfat content of

These techniques can be techniques to determine the kinds of enzymes, Dr. Pazur kinds of enzymes in various reported. They have received world wide attention.

By using the pure enzyme techniques previously used glucoamylase, the conversion of starch to glucose can be



SHARP Bldg. 204 S. 13th St. PHONE 432-8326 OPEN THUR. NIGHTS TILL 9:00

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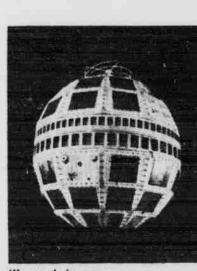
And important that you talk with us.

The Bell System-where people find solutions to exciting problems-matches other companies in benefits, salaries and working conditions. The Bell System companies are equal opportunity employers.



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November 14th-8 p.m.

'MAD, MAD, MANIA"

Advanced Tickets-1.50 Box Office-1.75 Pershing Auditorium