

RESULT OF NITTANY DRIVE			
Score by Quarters			
Lebanon Valley	0	0	0-0
Penn State	13	17	7-21-58
Yards Gained in Scrimmage			
Penn State 594	Lebanon Valley 156		
First Downs			
Penn State, 9-3-2-5-19	Lebanon Valley, 2-0-2-2-6		
Forward Passes			
Penn State 0	Lebanon Valley		
	Successful	-----	3
	Unsuccessful	-----	5
	Intercepted	-----	7
Penalties			
Penn State—8 for 85 yards	Lebanon Valley—3 for 25 yards		
Field Goals			
Penn State 1	Lebanon Valley 0		
Touchdowns			
Penn State 8	Lebanon Valley 0		
Goals After Touchdowns			
Penn State 7	Lebanon Valley 0		

NUTRITION EXPERT VISITS EUROPEAN INSTITUTIONS

Penn State Faculty Man Inspects Leading Universities of England and Sweden

Professor J. A. Fries of the department of Animal Nutrition recently returned from Sweden where he spent the summer and has some very important and interesting reports concerning his investigation of the several institutions he visited and the experiments that were under way while he was there.

While on his trip Professor Fries took the opportunity to visit Cambridge University, England, where he was most cordially entertained by Professor T. B. Wood, head of the Agricultural School. Professor Wood is particularly interested in animal nutrition investigations and he has had a new type of respiration calorimeter constructed. With the assistance of his colleague, Professor J. W. Capstick, he is carrying on calorimetric experiments with swine to determine the net energy value of the various feeds, influence of age and type on the production. The kind of work that these Englishmen are experimenting with is in a large and almost new field of work. Many nutrition problems of common interest were discussed with these scientists.

In Copenhagen a stop was made to see and to have a talk with Professor Holger Møllgaard, a prominent physiological chemist who is the director of the physiological department of the Royal Agriculture Experiment Station at Copenhagen, Denmark. Professor Møllgaard is carrying on nutrition investigations with milk cows, using a respiration chamber. This enables him to make complete balance experiments and indirect calorimetric investigations, thus determining the net energy value of various feeds for milk production. He has obtained some very interesting and valuable results.

In Stockholm, Sweden, at the Royal Agriculture Experiment Station, Pro-

cessor Nils Hausson, head of the Animal Husbandry Division, gave a day or more to the visitor and discussed with him the nutrition investigation problems which were of common interest.

This Swedish authority is a great admirer of the late Dr. H. P. Armsby and his work, so he extended an added degree of hospitality to Professor Fries, who had been associated with Dr. Armsby in his work. Professor Hausson is the originator of the Feed Unit system which has been used as a feeding standard in Sweden. He began with practical feeding experiments many years ago, but soon realized the importance and need of more refined methods, and hence he has been gradually employing more exact scientific methods to supplement the purely practical experiments.

The interesting fact was found that, although the animal nutrition problems have been attacked from several angles, by different methods, and by investigators in different countries, yet the main results have been convergent and are practically identical. The problem which is occupying the minds of these prominent Europeans at present is the net energy of feed for milk production compared with fattening, and it was a source of pleasure to Professor Fries to find that the results obtained through the first year's experiments with milking cows at the Institute of Animal Nutrition were practically identical with those worked out by Professor Hausson from his experiments covering many years, and with over 100,000 cows.

EXCEPTIONAL CAST IS CHOSEN BY PLAYERS

Dear Departed," "Quarter Pound of Green Tea," "The Maker of Dreams," "A School for Mothers-in-Law" and "The Faithful."

Miss Lena Gassel is being introduced in this performance to Penn State students. Miss Helen Thompson appeared in "Op 'O My Thumb." Miss Miriam Roy took part in "Thursday Evening," "Alice-Sit-by-the-Fire," "Riders to the Sea" and "Lima Beans." Miss Margaret Jones played the lead very successfully in "Op 'O My Thumb."

T. C. McCollum played in "Androcles and the Lion," "A Noble Lord," "The Glistening Gate," "The Mad Who Married a Dumb Wife" and "A Thousand Years Ago." Miss Mary Ferguson formerly took part in "The Dear Departed," "A School for Mothers-in-Law," "Alice-Sit-by-the-Fire," "Night," "Mr. Pim Passes By" and "Riders to the Sea."

DAIRY CONGRESS TO CONVENE THIS WEEK

(Continued from page three) trip by Mr. Gilbert Parker, who is connected with the Department of Agriculture, and who is at present dairy specialist at Washington, D. C.

Three of these men are among the largest dairy farmers in Argentine. One man alone is the possessor of 83,000 acres of land, on which are found 7,000 dairy cattle. The fourth man making the trip is professor of Dairy Husbandry at the University of Buenos Aires, and he is also Secretary to the

Minister of Agriculture. This delegation will visit only two colleges in the United States, Massachusetts and Penn State being the favored ones. All four of the men were attracted especially by the work being done by the Dairy Husbandry and Animal Nutrition departments. They expressed their opinion that Penn State was making marvelous strides in experimental work, and they also stated that it was their hope to induce more Argentine students to select Penn State as their college.

PATRONIZE OUR ADVERTISERS

Bulletin

Tuesday, October 2
7:00 p. m.—Student Tribunal Meeting, Room 14, Old Main.
7:00 p. m.—Grange Meeting, Room 100 Hort.

Wednesday, October 3
7:00 p. m.—Penn State Farmer Management Board meets in office.
7:00 p. m.—Junior Class Meeting—Bull Pen.

Notices

There will be a joint meeting of the Class of 1925 in the Bull Pen tomorrow night at seven o'clock. The purpose of this meeting will be to select twenty-five members of the class as candidates for the Louise Carnegie and John W. White scholarships; the selection to be made from the upper fourth of the class. A list of members to be selected will be placed in Old Main previous to the meeting.

The Penn State Farmer staff will hold a meeting in its office at eight o'clock on Wednesday evening. Men who were out for any department of the paper last year are requested to be present.

Busses will leave the Hort building from four-thirty to five-thirty on Thursday afternoon for the Hort picnic to be held at the Heister Farm.

There will be a meeting of the Poultry Husbandry Club in Room 200 Hort building, at seven o'clock Thursday evening.

OPENING GAME IS WON BY NITTANY GRID TEAM

(Continued from first page)

team, was one of the sensations of the game. The giant tackle was in every play and spoiled the Anville offense a number of times. His outstanding feats, however, were two drop kicks, both from the fifty yard line. They were remarkably accurate boots and barely missed adding to the Nittany score. His last kick from the fifty yard line struck the cross bar and had it been an inch higher, it would have counted. Just what that kick would have meant to Onyx can be realized on referring to the records which show that last year only one drop kick was successful over a longer distance. That one was made by Charles O'Hearn, playing on the Yale team against Carnegie Tech, who drop kicked from the fifty-two yard line.

The second team played well on the defense but had trouble in starting its offense. Helbig and Wentz proved to

be the most efficient men in the second team backfield in carrying the ball.

Lebanon Valley attempted three line bucks at the start of the game and soon discovered that it was impossible to gain through the Nittany line. The visitors then resorted to a kick formation that kept their backfield scattered out in marked contrast to the compact formation of the Penn State backfield. Homan repeated his brilliant work of last year in carrying the ball. The quarterback had lots of speed and was the only man on the visiting eleven that could make substantial gains. On one occasion Homan nearly eluded the Nittany defense in running back a kick-off, but Palm brought him to the ground with a clean tackle. Incidentally it was the longest run of the game, the feet halfback carrying the ball for fifty yards.

On the defense Clarkin, the left end, played a good game, breaking through several times to throw the Nittany runner for a loss. He also nabbed several of Homan's forward passes for substantial gains.

FORCE OF BROTHERLY LOVE IS CHAPEL THEME

Taking as his theme the two fundamental teachings of The Christ, "Dr. Harry Burton Boyd, pastor of the Park Presbyterian Church of Erie, gave a valuable and straightforward talk to the students in chapel last Sunday morning.

"All men are brothers, and God is the supreme Father of all, are the two ideals that Jesus established permanently in his few years of teaching on this earth," said Dr. Boyd. He further stated that the greatest force for good in the world today was brotherly love. Dr. Boyd served from September, 1917, through June, 1919, as senior chaplain of the 188th Division overseas, and he made plain his statements by citing several of his own vivid experiences.

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To the Student Body

We take this means to express our sincere thanks and appreciation for your kind consideration on the night of September twenty-seventh.

SERFAS & SEARFOSS Gernerd Bldg.

THE HANOVER SHOE

HANOVER, PA.

On Display at

The State College Hotel
Friday and Saturday, Oct. 5 and 6

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Will you help keep the Light on the Campus?