

# Lancaster Farming

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## Achievement Day results:

### York 4-H'ers triumph

By DIETER KRIEG  
UNIVERSITY PARK— Portions of Penn State University's main campus were turned into a friendly battlefield earlier this week when the best of Pennsylvania's 100,000 4-H'ers competed against one another to test skills and strengths. It's an annual event which represents the

pinnacle of a program which is open to all youths between the ages of nine and 19. Sponsored by the Cooperative Extension Service, the activities which were held at Penn State during the first half of this week are known as 4-H Achievement Days. The 2½-day event came to a climax Wednesday morning when

delegations from each county gathered at the Milton Eisenhower Auditorium, here, and anxiously awaited their placings. Contests were scored on either an individual or team basis, or both. In some events, contestants or teams were rated according to medal or ribbon earnings. When it was all

over, one county - York - emerged with an overwhelming amount of honors. They had 69 4-H'ers entered in contests. In some contests they came close to a clean sweep of the top five placings.

York County 4-H'ers took home eight first places, four each of second, third, and

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### Deputy ag secretary named

HARRISBURG—Neal R. Buss, Grantville, R2, has been appointed executive deputy secretary of the Pennsylvania Department of Agriculture, it was disclosed recently by Agriculture Secretary Kent D. Shelhamer.

Shelhamer said that Buss, in assuming the post, will be responsible for the oversight of departmental programs. Buss, who has been serving the Agriculture Department as special assistant to Secretary Shelhamer since

February 16, has been working with legislative and administrative programs which relate to the Department.

Shelhamer praised Buss for, "his strong background in all types of agricultural affairs. He has an excellent working knowledge of the legislative end of our responsibilities, and has, in the past several months, gained valuable experience in the functions of the Department."

Buss said that his new post would enable him to place a "major emphasis" on three general areas. "I hope to be able to continue work on updating current legislation which relates to agriculture," he said. "Additionally, the services which the Agriculture Department provides our farmers and consumers should be made to run as efficiently as possible. We need practical solutions to the many problems faced by our farmers and by the

Department in carrying out its responsibilities."

A native of Northampton County, Buss graduated from the Pennsylvania State University in 1965 and earned a Ph.D in animal science from the Virginia Polytechnic Institute and State University in 1971.

Prior to joining the Agriculture Department in February, Buss worked for the Pennsylvania House of Representatives' Agriculture Committee.

### Crops field day scheduled

LANDISVILLE - The latest results from farm crop research will be featured at a field day to be held August 11 at the Southeastern Field Research Laboratory, near here. The research farm is operated by the Agricultural Experiment Station at The Pennsylvania State University.

The event will highlight current findings in hybrid corn, forages, potatoes, soybeans, tobacco, grapes, and annual flowers. The field

day will begin at 10 a.m. and continue to 3 p.m. Lunch can be purchased at the farm, served by the Lancaster County Society of Farm Women No. 5.

This will be the largest field day of the year at the farm, according to John O. Yocum, superintendent. He said the event should appeal to farmers, seedsmen, retailers of farm products, and anyone interested in agriculture. Personnel from Penn State will be on hand to

describe the research and to answer questions.

One of the more unique trials being conducted by Penn State researchers involves a test in which scientists want to conclude whether or not it's necessary to use soil insecticides each year. Many, if not most farmers apply such chemicals annually, but there's some question now as to whether or not it's necessary. Yocum explained that's because of a

generation of insects being pretty well killed off one year and that may keep it from being established significantly enough the following year to warrant spraying.

Another project which may end up saving farmers a lot of dollars is one being looked into by Dr. Richard Fox. He believes there's more residual nitrogen in the soil than what's presently

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### Insect alert called for sweet corn

By DIETER KRIEG  
LEBANON - Sweet corn growers who haven't sprayed their corn yet for corn ear worm, Fall army worm or the European corn borer are advised to check their crops closely for possible infestations. According to Bob Tetrault, Extension specialist from Penn State, the time to spray for these bugs is from now to late September. The University scientist made

the comment during a recent twilight meeting of vegetable growers from Lancaster and Lebanon counties.

Tetrault told the gathering of vegetable growers that the Fall army worm is about two weeks ahead of schedule and that control of the pest is very effective. Research both at Penn State and other leading universities has taken the guess work out of control methods.

One of the programs which had aided vegetable scientists greatly in trying to identify and control pests is the "black light" which emits ultraviolet light. Insects are attracted by it and trapped. Using this method, researchers as well as commercial growers can examine the trapped insects and get an accurate determination of the kinds and degree of infestations. According to Tetrault, neigh-

boring states, particularly Maryland, New Jersey, and Delaware, have done extensive work on this subject and are ahead of what's being done in the Keystone State.

While Tetrault spoke mostly about corn and pests which affect it, a few other crops such as cabbage and potatoes were also mentioned. He noted that the Colorado potato beetle has

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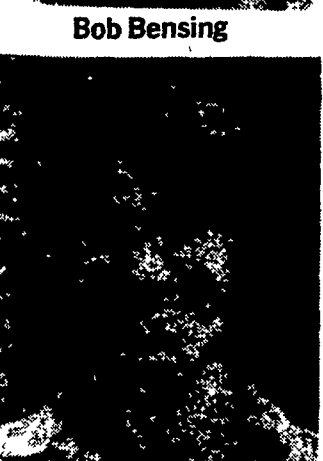
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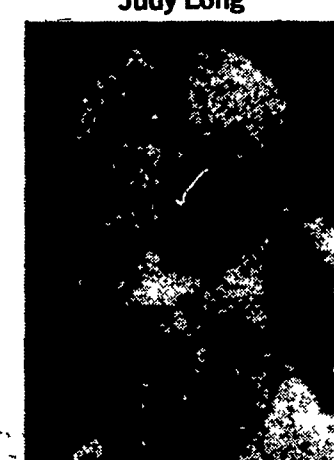
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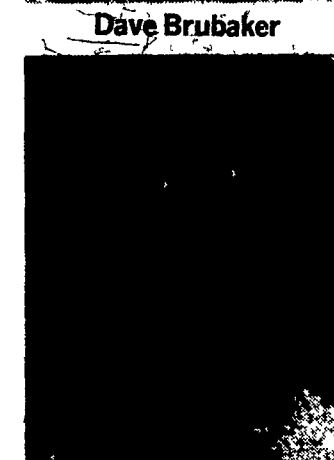
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