

# Cover Crop

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Hartwig's technique has been under investigation at Penn State for the past few years, and a demonstration plot was planted this year at Landisville. The practice is begun by first establishing a crownvetch cover in the field to be used usually, for corn. The year after crownvetch is established, corn is simply seeded into the ground with a no-till planter. In the following years, the cover crop must be sprayed with herbicide before planting. "We thought maybe the corn would stay ahead of the cover crop if we didn't spray, but that didn't work out," Hartwig said. He pointed to a test plot with a thriving abundance of crownvetch and a meager showing of corn.

Plots nearby, where the crownvetch had been sprayed before corn was planted, showed a sparse growth of the cover crop shaded by the canopy of corn leaves that towered above it. The trick, Hartwig said, is to sock just enough herbicide to the cover crop to slow it up without killing it. The most successful mixture this year at Landisville was one pound each of AAtrex and Princep, plus a quarter pound of Parquat per acre applied



A waving sea of soybeans greeted visitors to the weed control field day Wednesday at Penn State's ex-

perimental research station at Landisville.

pre-emergence. "This provided the best control," Hartwig said. "It wasn't enough, but it was almost enough." There are still some bugs to be worked out of the system, Hartwig said. They're trying to figure out how to grow any crop in a perennial cover, including soybeans and small grains. They'd like to find out how to establish a crownvetch cover

along with corn planting. And they want to find out how long a crownvetch cover will last if it's sprayed year in and year out. Hartwig thinks it could last forever.

He also said they plan to investigate the possibility of double-cropping in a perennial cover. This technique would be especially interesting to area farmers who plant corn or soybeans in barley or wheat

stubble.

In addition to the no-till corn, there were control demonstrations for tobacco, conventional till corn and soybeans at the weed control field day.

Other speakers in addition to Hartwig were John Yocum, director of the research farm, and Dr. Richard Cole of Penn State. Yocum talked about weed control in tobacco, while Cole covered soybean weed control.

# Hog Show

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Robert Strauss, Ephrata, RD1.

Hatfield Packing Co., Montgomery County, bought the Strauss hog for 96-cents a pound, a total of \$216 for the 225-pound porker. The hogs in the entire show sold for a total of \$26,680.62, or \$39.88 per hundredweight.

Tony Folker, secretary of the Lancaster County Swine Producers Association, presented trophies from the association to both the grand and reserve grand champions.

The grand and reserve champion exhibitors were also presented trophies by the Lancaster County Swine Producers Association, represented by Tony Folker, secretary of the organization.

The breeder exhibitor champion award went to Rick Pfautz, Stevens RD1, also an Ephrata Area High School student, while Lloyd Hoover, Garden Spot High School, took the reserve champion breeder exhibitor award. Their trophies were presented by the Lancaster County Red Rose FFA Chapter.

The senior showmanship trophy was also presented to

Lloyd Hoover while the junior showmanship contest trophy went to Jeff Glackin, Solanco High School. They were donated by Gehman's Feed Mill, Denver.

The winner of the senior fitting contest was Russel Kline, Reinholds, with Jay Huber, Warwick High School, taking the junior trophy donated by Pennfield Corp.

Barry Wissler, Ephrata Area High School, won the pen-of-ten class and a trophy from the Lancaster County Vo-Ag Teachers Association.

Listed below are the various breed championship winners followed by the reserve breed champions: Yorkshire — Larry Weber, Garden Spot; Russel Kline, Ephrata.

Hampshire — Tim Grube, Warwick; Mike Grube, Warwick.

Spotted Swine — Kevin Boyd, Ephrata; Tony Grube, Warwick.

Chester White — Barry Wissler, Ephrata; Joe Lefever, Manheim Central.

Landrace — Randy Hunt, Penn Manor; Bruce Landis, Penn Manor.

Duroc — Jay Huber, Warwick; Kerry Boyd, Ephrata.

Poland China — Kerry Boyd, Ephrata; Elvin Weaver, Pequea Valley.

Crossbred — Kerry Boyd, Ephrata; Robert Strauss, Ephrata.

Open Class — Richard Strauss, Ephrata; Russel Kline, Ephrata.

## New Vo-ag Teacher at Garden Spot

One of the largest high school vocational agricultural departments in Pennsylvania grew even larger this week with the addition of Robert Anderson to the Garden Spot High School staff.

Anderson, 30, of 268 W Main St., New Holland, joined the department Tuesday as an instructor for adults. He is expected to work primarily with the Plain people in the New Holland vicinity.

The Easton native comes from the Soil Conservation Service after serving three years in West Chester and Michigan. Upon graduation from The Pennsylvania State University in 1967 with a B.S. in agriculture education he taught for one and half years at Wallenpaupack High School. He then worked for Sperry New Holland for a year, followed by a two-year stint the the Army followed by the SCS.

Anderson is the ninth vocational agriculture instructor at Garden Spot. The only high school with a larger vo-ag staff is in Philadelphia.

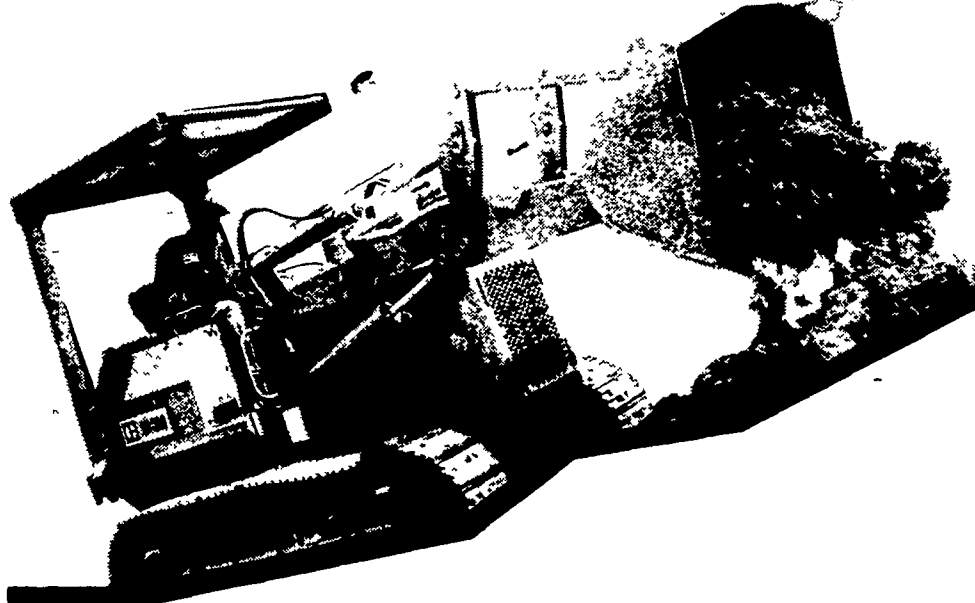
## Homemakers Camp Set

Come and spend a delightful three days at Extension Homemaker's Camp. You will enjoy the friendship of ladies from seven surrounding counties.

The place is Camp Swatara, RD1 Bethel in Lebanon County. The date is August 25, 26, 27. The price of the camp is \$14.00.

Camping activities include speakers on "World of Women", handicrafts of bargello, dried flower paper weights, and Chrismonds, entertainment, and fun activities

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