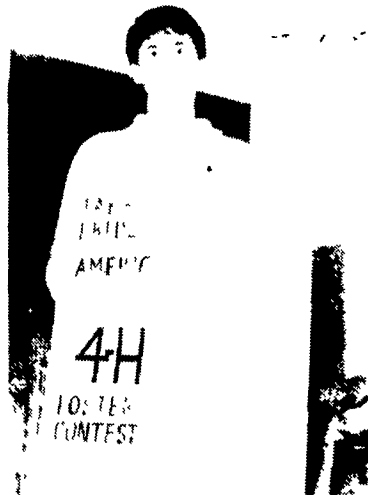


Delaware 4-H'ers

Sussex County 4-H'er Robert Cooper (16) will join the Delaware delegation to the National 4-H Congress in Chicago early next month. The Seaford youth plans to pursue a career in business management. He won his trip with a successful citizenship project, sponsored by the Coca-Cola Foundation.

Camden 4-H'er Charles Carlson (19) selects lumber for another construction job-- a spin-off of the successful wood science project which will take him to Chicago early next month as a Delaware delegate to the National 4-H Con-

gress. Carlson, who is currently studying architectural engineering at Delaware Technical and Community College's Terry Campus in Dover, plans a career in architecture or construction. Since graduating from high school in June, 1986, he has helped in his father's carpentry and roofing business.



Robert Cooper



Charles Carlson



Georgetown 4-H'er Tim Wilson (17) will head for Chicago early next month as a Delaware delegate to the National 4-H Congress. His trip is being sponsored by Case IH and Purina Mills, Inc. While pursuing his prize-winning agriculture project, Wilson made more than \$9,000 profit raising swine, tomatoes, peppers and watermelons. He hopes to become a mason and farmer.

Manual Balances Farming And Environmental Needs

Disposing of manure, fertilizing fields and at the same time staying within state environmental guidelines, is a challenge for Pennsylvania farmers.

To help them, the state Department of Environmental Resources and the Cooperative Extension Service have developed a comprehensive Manure Management Manual for Pennsylvania.

The benefit of the manual to environmental efforts has been recognized by the State Conservation Commission. The commission recently gave its Special Service Award to the manual's editor, Penn State professor of agricultural engineering Robert Graves.

The manual demonstrates how DER's environmental protection requirements can be integrated into ordinary farming operations, and describes basic manure management alternatives. It ties in to the Chesapeake Bay program in the Northeast, which is trying to reduce polluting nitrate run-off into rivers and the bay.

The manual provides information and state guidelines for most livestock operations typical in Pennsylvania. It includes eight booklets: manure management for environmental protection; field application of manure; and separate booklets for manure management for dairy cows; swine; poul-

try, beef, veal calves, and one for horses, sheep, goats and small animals.

"Having the manual available in eight separate booklets gives special attention to each of the areas," Dr. Graves says. "The manual is written in plain language, and is easy for farmers to use. While it isn't a legal document, it clearly states the guidelines that the state wants farmers to follow."

The manual was prepared by a technical committee that included several Penn State's College of Agriculture faculty, as well as U.S. Soil Conservation Service specialists, and representatives from the state Department of Environmental Resources, the Pennsylvania Department of Agriculture, farm organizations and the state legislature. It was produced by Penn State's Agricultural Information Services.

The manual is available at DER regional offices in Norristown, Wilkes-Barre, Harrisburg, Williamsport, Pittsburgh and Meadville. The contents of the manual are also on PENpages, the statewide computer network operated by Penn State's College of Agriculture. For information on how to access PENpages with a home computer, contact your county Cooperative Extension office.

"P.V.C. WHITE RAIL FENCE"

Perfect For Farm, Home, Recreation Area, Or Wherever Fence Is Used

2, 3 OR 4 RAIL FENCING



3-Rail Fence w/Gates
"Never Need Paint"



PVC Picket Fence

P.V.C. MANUFACTURED PRODUCTS

Lamp Posts	Picnic Tables	Sand Boxes	Sign Posts
Yard Fence	Horse Fences	Gazebos	Dog Cages
Race Track Fence	Trellis	Mailbox Posts	

QUALITY FENCING & SUPPLY, INC.

R.D. #1, Box 428 (717) 354-9760 New Holland, PA 17557

Authorized Dealers

UMBERGER'S of FONTANA
Lebanon, PA
(717) 867-5161

G. BENJAMIN MILLER, JR.
Rouzerville, PA 17250
(717) 782-2386

AGRI-INC.

Custom Built Farm Buildings
Designed To Your Needs

Specializing In Dairy Systems:

- Dairy Complexes And Replacement Stock Facilities
- Horse Stall Barns And Riding Arenas
- Workshop And Machinery Storage Buildings
- Timber Column Buildings For Light Commercial

Let Our Experience Work For You -
CALL NOW



AGRI-INC. Designers And Builders

R D 4, Ephrata, PA 17522 • (717) 354-4271

Serving The Agricultural Industry For Over 20 Years



Insure against the unexpected



Kids and farm animals, both unpredictable. And both can cause accidents — on or off your property.

That's why you need the protection of an Old Guard farm insurance policy.

Call us today.



Old Guard MUTUAL INSURANCE COMPANY
2929 Litz Pike, Lancaster, PA 17604 717-569-5361

JOHN C. GENTH
R.D. 1
Sunbury, PA 17801
(717) 286-9380

TIMOTHY B. FRANKLIN
P.O. Box 157
Wysox, PA 18854
(717) 265-6062

GOODVILLE INS.
MANAGEMENT INC.
P.O. Box 100
Goodville, PA 17528
(215) 445-6781

CHARLES H. HARBOLD
P.O. Box 125
Codorus, PA 17311
(717) 229-2034