

# Crops field day scheduled



John Yocum, superintendent of Penn State's research farm near Landisville, inspects some of the tobacco grown there. He's the only tobacco growing specialist on the staff of the University and also works closely with research conducted at USDA's Beltsville research station.

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being accounted for. If his findings hold true and applicable to commercial farming, then costs can be

cut on nitrogen fertilizer applications. Scientists at the University are also searching for an early variety of potato which

can be commercially grown in the state, and are trying to find out when's the best time to spray for weeds and bugs. Eighty varieties of tobacco are being worked with to study each disease.

of grapes should also appeal to homeowners.

Experiments with forage crops will include interesting new clover varieties, Yocum said. Alfalfa plots with show trials with different varieties and different fertility levels. Variety trials will also include crownvetch, orchardgrass, and red clover.

Farmers will be a complete planting of the Extension hybrid corn trials. This includes commercial hybrids and open formula hybrids developed at Penn State. Hybrids for short, medium, and long growing seasons will be shown.

In addition, the corn plots will display current findings from breeding studies and disease control work. Fertility trials will be highlighted as well as herbicide trials. And studies of factors affecting corn maturity will be described.

Soybeans, potatoes, and tobacco will be featured in variety trials. Dr. Nathan Hartwig of Penn State will describe his experiments with herbicides on soybeans planted conventionally and soybeans grown with no-tillage in a double crop following barley. Herbicide and insect trials will also be seen on tobacco plots. Pennlan tobacco, new this past Spring, will be shown.

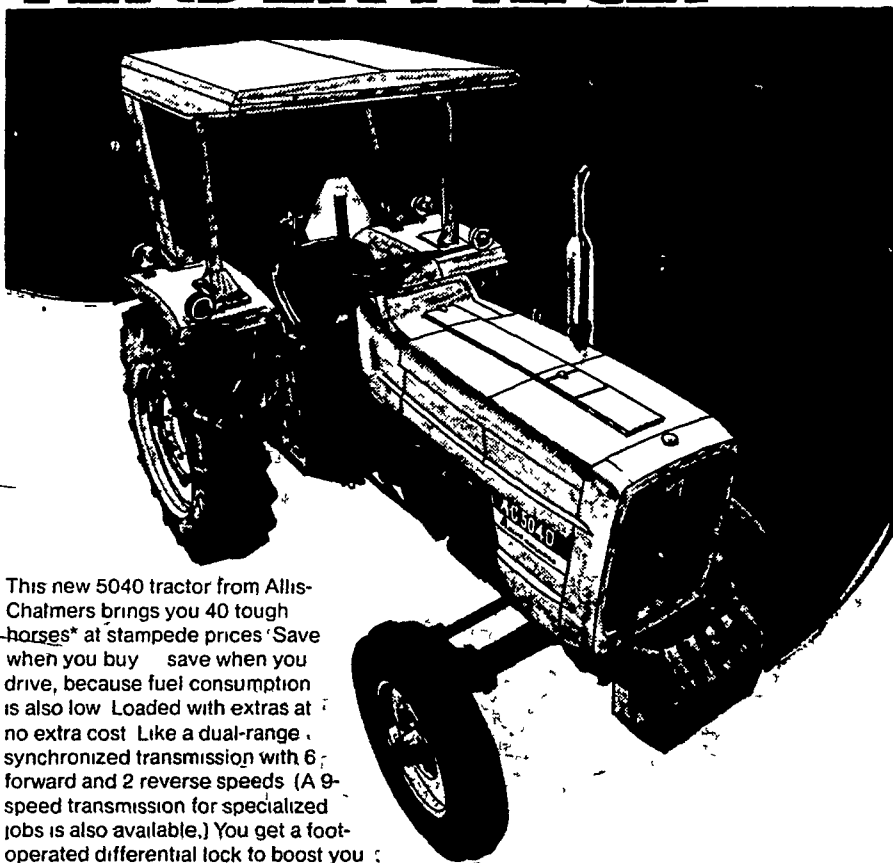
Of interest to homeowners will be a tour of plots devoted to annual flowers. Dr. Richard Craig of Penn State will describe in particular some of his studies of viruses in geraniums. Variety trials

These are just some of the many projects which will be introduced to visitors coming to the 88-acre research farm on August 11. The facilities are located a few miles west of Route 72 on Auction Road. Auction Road starts just south of Manheim at the Manheim Auto Auction.



Japanese beetles were out in force this year. John Yocum inspects some of the damage done by them to grapes.

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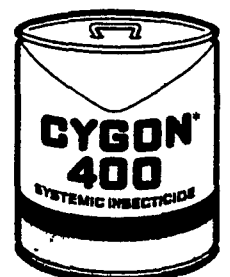
#### Jimson Weed

Some of the colonists of Jamestown, hunting for a nourishing local wild food, boiled up glossy leaves that looked like spinach, ate them, and went on binges of hallucinations that lasted for days. Their adventures with Jamestown weed gave name to today's Jimson Weed.



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