



JAY ROHRER shown putting tobacco away on the unheated side of his tobacco shed. In the supplementary-heat-experiment, one-third of the shed is unheated and is separated from the heated part by a film of plastic. L. F. Photo

● Tobacco Study

(Continued from Page 1)
Engle also reported that analysis of last year's experiment showed a 20 percent greater loss due to shed burn for tobacco cured in the unheated portion of the shed. The shed was divided by a floor-to-ceiling plastic barrier, and it was found that little heat transferred from the

warmer side to the unheated one-third of the shed. This year, the station has expanded its tobacco shed-heat study to two farms. One shed is on the Jay Rohrer farm at Manheim R2, about one mile from the research station. The other is a rented structure on the Frank Eshelman farm, which adjoins the PSU research farm. The Gastobac Co. of Char-

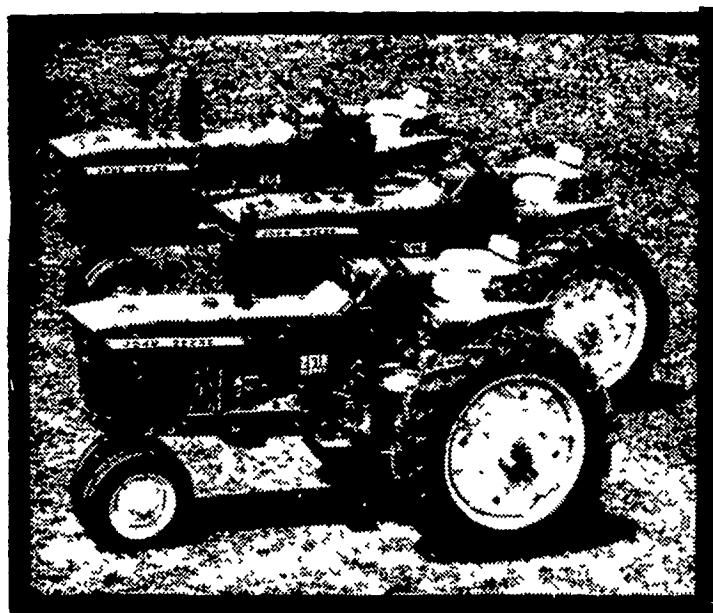
lotte, North Carolina, furnishes all of the heating equipment, and is paying installation and fuel costs. They are working locally through the C. W. Witmer Co. at Soudersberg. On the Rohrer farm, Jay Rohrer furnishes the shed and the tobacco. Personnel from the research station supply the supervision and some help, and will analyze the data.



JOHN YOCUM, farm superintendent at the PSU Field Research Laboratory, shows the metering equipment that controls gas flow to the burners in the Jay Rohrer tobacco shed. Burners must be turned on and off manually, but once lighted will automatically adjust to high or low heat, depending on the humidity level in the shed. L. F. Photo



PLASTIC BARRIER rolls up in working section of shed to permit wagons to be brought in. Once the shed is full, plastic will be secured to separate heated and unheated sides of the shed. Jay Rohrer shows how plastic roll can be dropped down when ready. L. F. Photo



Now... three tractors with exclusive six-way hydraulic control of operations

In the size that's right for your farm... new 53 h.p. "2510," 70 h.p. "3020" or 94 h.p. "4020"... there's an exclusive closed-center hydraulic system to help you get the most productivity out of every operation. Through Power Shift... Power Steering... Power Brakes... double-action cylinders... Universal Hitch... hydraulically assisted PTO control... Power Differential Lock make work faster... easier. Add too, the greater flexibility offered in Power Shift models and you will get the feel of a new high in tractor performance. Take advantage of our offer and test one on your farm.



- | | |
|--|---|
| Alan Beyer
Christiana LY 3-5687 | Wenger Implement Co.
Buck BU 4-4467 |
| Shotzberger's
Elm 665-2141 | A. B. C. Groff, Inc.
New Holland 354-8001 |
| Landis Bros. Inc.
Lancaster 393-3906 | M. S. Yearsley & Sons
West Chester 696-2990 |

Tobacco has been going into Rohrer's shed since last Friday; he expects it will be filled by next Tuesday. But Yocum isn't waiting until the shed is filled up before starting the heat. He turns it on for awhile each evening, and feels this will help reduce moisture in the tobacco as it is hung, and will make it easier to control humidity

later. Although the burners must be turned on and off manually, they do have two-heat levels which operate automatically once they are ignited. When the relative humidity in the shed reaches 75 percent, the burners go on high heat; when humidity drops below 75 percent (Continued on Page 7)

DAIRYMEN & CATTLEMEN!

Available Now in Lancaster and Chester Counties
PRO - LIX LIQUID CATTLE FEED



A balanced liquid Feed containing 30% Protein



12,500 Units Vitamin A per pound

A BLEND of pure cane blackstrap molasses, condensed fish solubles, condensed distiller solubles, brewers yeast, urea, phosphoric acid, vitamin A, copper sulfate and cobalt sulphate.

- PRO-LIX—Makes every pound of feed worth more.
- PRO-LIX—For cattle fed on poor quality hay.
- PRO-LIX—For Fall and Winter pasture feeding.
- PRO-LIX—For keeping cattle gaining on cobs, and wheat straw.
- PRO-LIX—No labor. Self fed.

WHATEVER YOUR FEEDING OPERATION MIGHT BE PRO-LIX IS THE ANSWER TO REDUCED FEEDING COST AND INCREASED PROFITS!

PRO-LIX Fits every progressive dairy as well as beef program. It is a great "milk booster" when fed to dairy cattle in combination with a good dairy ration. In addition, what better way is there for the busy dairyman to feed his dry cattle and grow out his replacement heifers than feeding economical PRO-LIX free-choice.

\$97.00 Per Ton Delivered To Your Farm
FOR DETAILS CALL 717-394-0645

LAN-CHESCO COMPANY

1016 Grand View Blvd., Lancaster, Pa. — 17601 PH. 717-394-0645
