

# External parasites on sheep explained at seminar

**By KENDACE BORRY**  
**'DOYLESTOWN** — Several different kinds of external parasites can be found on sheep in Pennsylvania. That was the conclusion of Mike Fournier, Bucks County Extension agent, who spoke at the recent sheep seminar held at Delaware Valley College.

He told that the presence of these parasites can cause a large economic loss by damaging wool and causing a general unthriftiness in sheep. But, he added, fortunately for owners, most external parasites of sheep can be easily controlled with insecticides.

Sheep Keds, often called sheep ticks, are actually a wingless fly, he related. The pest, can be as large as ¼

inch in length. It spends its entire life cycle on the sheep and gets its nourishment from continually biting and sucking blood from the host animal.

Keds will leave a residue in the wool and this will make the fleece less valuable. A heavy infestation of keds will cause sheep to show signs of irritation and unthriftiness as these sheep generally will not grow as fast as uninfested sheep.

The problem of keds is easily controlled by dipping, spraying or dusting with an approved insecticide. To treat most effectively, one should treat soon after shearing. Usually, one treatment per year will control keds.

There are three different

species of lice which can infect sheep. They too spend their entire life cycle on the sheep and will not last long when removed from the host animal.

A sheep with a heavy lice infestation will produce poor quality wool and show a loss in weight gains. The sheep will spend a great deal of time rubbing against fence posts or trees. The control methods used for keds will also control lice.

Wool maggots come from any one of several species of blow flies which lay their eggs on soiled wool, generally around an open sore. When the eggs hatch the maggots feed on the wet wool near the skin and this will cause the wool to loosen and become putrid. Sometimes the open sores

that become infested with the maggots also become infected with a bacteria and the sheep can die from this secondary infection.

Sheep with wool maggot infestations tend to lay along fence lines and in shaded areas with their heads outstretched on the ground. Sheep with maggots should be sheared and the infested areas coated with one of many smears: Smear 62 (diphenylamine); EQ-335 (lindane and pine tar); or 5 per cent ronnel (Korlan) smear.

Psoroptic mange, also known as scabies, is caused by small mites that are also invisible to the naked eye. These mites live on the sheep's serum and can cause intense irritation. Sheep infested with mange mites

will do a great deal of rubbing and the affected areas generally form scaly lesions or scabs.

Sheep mange is a reportable disease which means that any case of scabies must be reported to state and federal authorities.

Head bots or nose bots are caused by a bee-like fly about the size of a common horse fly. The fly deposits its

eggs on the nostrils of the sheep. The maggots then work their way up the nostrils of the sheep causing a snotty nose and sinus problems. Sheep affected with nose bots tend to go off feed, sneeze, and show a constant nasal charge.

For further information about external parasites in sheep, one can contact his county Extension agent.

## Walker proposes synthetic fuels bill

WASHINGTON, D.C. - Congressman Bob Walker (R-16-Pa.) last week introduced a bill designed to encourage the production of liquid synthetic fuels.

"My bill is aimed at moving us a step closer toward energy independence. It enables us to rely more on our own technology and resources and less on foreign imports over which we have no control," Walker said.

He noted, "Short term technology is available for production of liquid synthetic fuels from four sources of supply, oil shale, tar sands, coal liquidification and bio-mass, commonly known as gasohol. With long term planning as our goal there would be both incentives for compliance and penalties for oil companies which did not take advantage of that technology."

Under Walker's proposal, oil companies would be required to produce a minimum of five per cent of liquid syn-fuels by 1985. That figure would be increased to 12 per cent in 1990 and to 20 per cent by the year 2000. Failure to comply would result in a fine of \$100,000 a

day for each oil company failing to meet the requirement. By following the mandate of the law, tax credits and depreciation allowances would be available for qualified fuel producing facilities.

It would be up to the

## Co-op couples conference to be held

NEWVILLE - Mr. and Mrs. Frank Yost, of Newville, have been selected to attend a special Co-op Couples Conference, July 17 and 18, in Chambersburg, sponsored by the Pennsylvania Association of Farmer Cooperatives.

The two will join with 40 other young couples from throughout the Commonwealth take part in the two-day event. Sessions will be held at the Holiday Inn, Chambersburg Community Park, and on two Franklin County dairy farms.

The two are sponsored by Cumberland-Perry Co-op Council which serves farmer members and communities in this region.

At the conference, they

will share facts, opinions, and insights about cooperatives and their role in the strength of the business enterprise system. In addition, the two will have an opportunity to meet others to discuss ways in which they can play a vital leadership role in cooperative community affairs.

Conference participants will join with cooperative leaders of this area to relate current issues vital to farm leaders, cooperatives, and the community. They also will hear about the educational P.A.F.C. and Penn State programs that are benefitting rural leaders.

circumstances would the Secretary have the authority to waive those laws, however.

The Pennsylvania Republican said, "Currently the U.S. is importing approximately 50 per cent of its fuel from overseas. Consequently the American people suffer whenever those foreign countries find it advantageous to curtail supplies. We need energy independence not only for national security reasons, but to bring back normalcy to life on a day to day basis."

Walker concluded by saying, "This is a realistic bill that provides the necessary independence and requirements needed to produce new energy supplies that will meet the energy demands of our country."

## The satisfaction that comes from doing a good job of farming

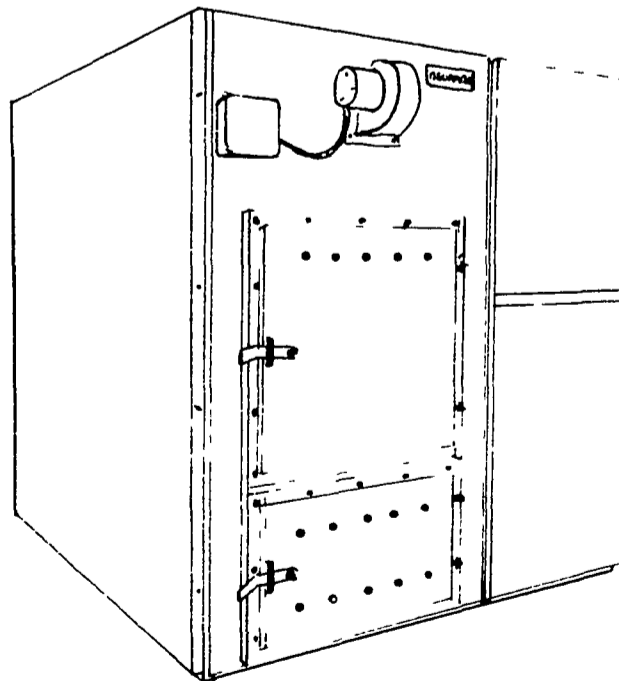
It's a great feeling to know that you are the master of your farmlands... that when you treat your soil right, it will treat you right. Liming is one of the most important factors in keeping your soil in the highest productive range. A good pasture with a pH of 6.5 or higher, for example, will make 300 to 400 lbs. of beef per acre and produce up to \$100 gross income per acre. This means with the help of lime, profits from pastures can compare favorably with feed or grain crops.



ORDER NOW FOR PROMPT DELIVERY  
 PHONE  
 Blue Ball, Pa 354 4125  
 Gap, Pa 442 4148

MARTIN LIME INC.

## NEWMAC Introduces The New Coal, Wood and Oil Burning Combination Furnace.



### FEATURES:

- Cast iron grates for coal
- Cast iron firebox (24x21")
- Takes 24" logs
- Separate combustion chambers
- Switches from wood or coal to oil automatically
- Can be fired with wood or coal when power is off
- Twin 10" blowers for quiet efficiency
- Easily serviced, quiet efficient flame retention burner
- Easy access clean out door

SAVING MONEY ON FUEL GIVES EVERYONE A NICE WARM FEELING.



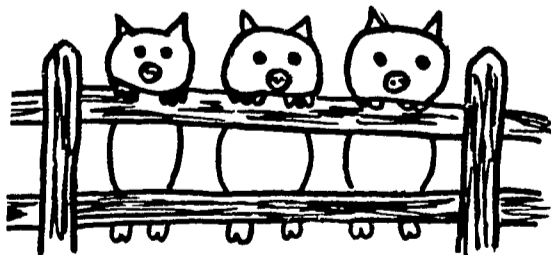
HIESTAND WOOD STOVES

1830 State St., East Petersburg  
 Phone: 717-569-7397

## SOYBEAN ROASTING ON YOUR FARM

DON'T WASTE IT — ROAST IT

This little piggy went to market,  
 This little piggy stayed home,  
 This little piggy had



ROASTED SOYBEANS

MOLDY GRAIN RESTORED - CONTACT US NOW

— ANNOUNCING —

New Portable Soybean Roasting Unit  
 located in Rising Sun, MD  
 Owned & Operated by:

**ALLEN SUMMERS**

RD #2, Box 67, Rising Sun, MD 21911  
 Phone: 301-658-6103

PLANT NOW FOR BENEFITS OF RAISING & FEEDING YOUR OWN PROTEIN.  
 CUSTOM GRAIN ROASTING DONE IN PA. AND SURROUNDING STATES

**DALE L. SCHNUPP**

RD 6, Lebanon, Pa. 17042 Ph: 717-865-6611

