

in the kidneys, or in the fat around the kidneys, and occasionally they get into the spinal column.

The infested animal may first show a weakness in the loin or hind legs, move with a staggering or wobbling gait and when down has difficulty in regaining its feet. In severe cases, when the worms get into the spinal column, the hind legs may become paralyzed. As a rule animals that become paralyzed rarely if ever recover. Young hogs, that is, those less than six months old, are not likely to show such pronounced symptoms. Animals a year old or older are more likely to be heavily infested with kidney worms.

The only satisfactory treatment for lung worms and kidney worms is a rotation of pasture and feeding pens and a thoro disinfection of the sleeping quarters. Smoking the hogs may give some relief from lung worms. This can be done by putting the hogs in a tight room and then burning leather, feathers, or rags, causing the hogs to cough and sneeze. The hogs should be kept in the smoke for twenty to thirty minutes. By coughing and sneezing, the hogs will discharge some of the worms.

#### STOMACH AND INTESTINAL WORMS

There are several different kinds of worms likely to be found in the digestive tract. These are much easier to control and eradicate than are the lung worms and kidney worms.

Vermifuges such as santonin, areca nut, iron sulphate and turpentine, if given systematically, will destroy worms in the intestines. The following formula will give good results:

Santonin.....	2½ grains
Areca nut .....	1 drachm
Calomel.....	2 grains
Sodium Bicarbonate.....	2 drachms

Give as one dose. Do not repeat for two or three weeks and not then unless worms are found.

Turpentine is very effective also. The dose is from 1 to 2 teaspoonfuls to each 100 pounds live weight of hogs. Turpentine is best given in a mesh made up of shorts or bran and milk. Milk is suggested because turpentine will not mix with water but mixes readily with milk. It is not advisable to give turpentine to pregnant sows as it is likely to cause abortion.