



Figure 12.

A dirty hind end usually indicates parasitism in its early and middle stage. Constipation usually follows in the last stage of parasitism as the animals become weak and anemic.

present in the intestine of a lamb may not bring on noticeable symptoms of its presence, but a number of Tape Worms feeding within the lamb at the same time will make a runt out of their victim. Infested lambs have diarrhea in the earlier stages of infection, this is followed by weakness, emaciation and constipation as the infestation advances. Lambs may die due to the presence of many Tape Worms. Lambs that are infested with Tape Worm will pass the ripened segments of the worm out with the dung. The segments may be seen by anyone that takes the pains to look carefully over the faeces, at a point where the sheep have bedded down over night. The segments are small pieces of Tape Worm and when seen on the dung, may resemble flakes of bran. Sometimes quite long ribbon like strings

of Tape Worm are expelled with the dung of lambs.

Aids to Expel Tape Worms.— It is difficult to remove the entire Tape Worm and unless the head or scolex is removed it will grow again. The portions that are easily removed are the segments or egg sacs. These should be destroyed. Prepare the lambs and sheep by withholding food and water for at least 24 hours. Should the lambs be very young they can not be starved longer than six hours. The more empty the intestine and the stomach the more likely the drug is to do its part in removing the Tape Worm.

The following drugs are used to destroy Tape Worm with fair success, —Oil of Male Fern, Areca Nut, Kamala, Thymol, Pepo, and Copper Sulphate. Of these drugs Oil of Male Fern has the best record for efficiency in removing Tape Worm, but this drug must be used with care as a overdosing is dangerous. Oil of Male fern is generally given in milk. It should not be given in oils. The dose of Oil of Male Fern for a large lamb is one dram, small lambs are dosed in proportion. The Dose of Oil of Male Fern for a sheep is one to two drams according to size of the sheep. Areca Nut if fresh has some efficiency in removing Tape Worm from lambs and from sheep. The dose of Areca Nut for a large lamb is one dram. It is given in a drench. The dose of Areca Nut for small lambs is one half dram or less. The dose of Areca Nut