

Abstract

Parasitic infections causes a lot of damages to horse owners every year.to design a useful program for controlling of parasitic infections and to avoid or Postponing drug resistances it's so important to recognize different species belonged to a special region or a special breed. As there was not any Comprehensive studies to evaluate the prevalence of Helminthes in digestive systems of jahrom province horses this study was carry out. The aim of present study was evaluate the prevalence of Helminth parasites in digestive systems of jahrom province horses in autumn of the year 2015. one hundred of horses were selected occasionally and their stool samples were collected. To increase the long life of samples they were transported to laboratory in 10% formaldehyde. Identification and egg per gram measurements in stool samples was done by clayton lane stool flotation method. Our results showed that prevalence of gastro intestinal helminthes was: Parascaris equorum 14%, Strongyles 5%, Oxyuris equi 1%, Habronema spp 4% respectively. The results of this study show that the prevalence of gastrointestinal helminthes in horses is low in Jahrom district.

Key words: Gastrointestinal helminthes, Horse, Jahrom



University of Zabol

Graduate School

Faculty of Veterinry

Department of Pathobiology

The Thesis Submitted for the Degree of DVm

**The prevalence study of horse Gastrointestinal Helminthes
in Jahrom district, Fars province**

Supervisor:

Dr. R. Nabavi

Advisor:

Dr. D. Saadati

By:

S. Karimian Ghotbabadi

Oct 2016