

Abstract

It has been common to raise and maintain single-hoofed animals in various areas of Iran and around the world from old times which they're used to do different issues like carrying and transportation and birth and horse-riding races but donkeys include more efficiency. According to conditions of agricultural lands and the farmers, the donkey is considered one of the most suitable and economical animals in tiny farming. The single-hoofed animals host a wide range of parasites which influence negatively on their growth and health and the area of Sistan has located in the north of Sistan and Balouchestan and in Southeast of Iran. There's a few protected horses in the area but there are a lot of donkeys. Regarding the importance of digestive parasites of single-hoofed animals and lack of accomplishing such research in Zabol, we decided to do a research on the single-hoofed animals' pollution to digestive parasites in the area of Sistan. This study aims to Survey the prevalence of single-hoofed animals' parasite pollutiona in various areas of Sistan in which they've been tested 50 single-hoofed, 30 donkeies, and 20 horses using direct floating to survey the pollution to digestive parasites, and 13 horses (65%) of 20 horses have been polluted to mixed parascsriss and skiver, 7 (35%) were free if pollution, (50%) i.e 15 of 30 studying donkeys have suffered from skiver, and (33/3%) of 1 have suffered from strongilouides westery , (6/46%) 14 have reported lack of pollution, none of studied single-hoofed animals had medical treatment history. According to mentioned amount of pollution, which matches with some of the same researches, it's recommended scheduled and purposeful treatment of single-hoofed animals of the area by their owners.



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