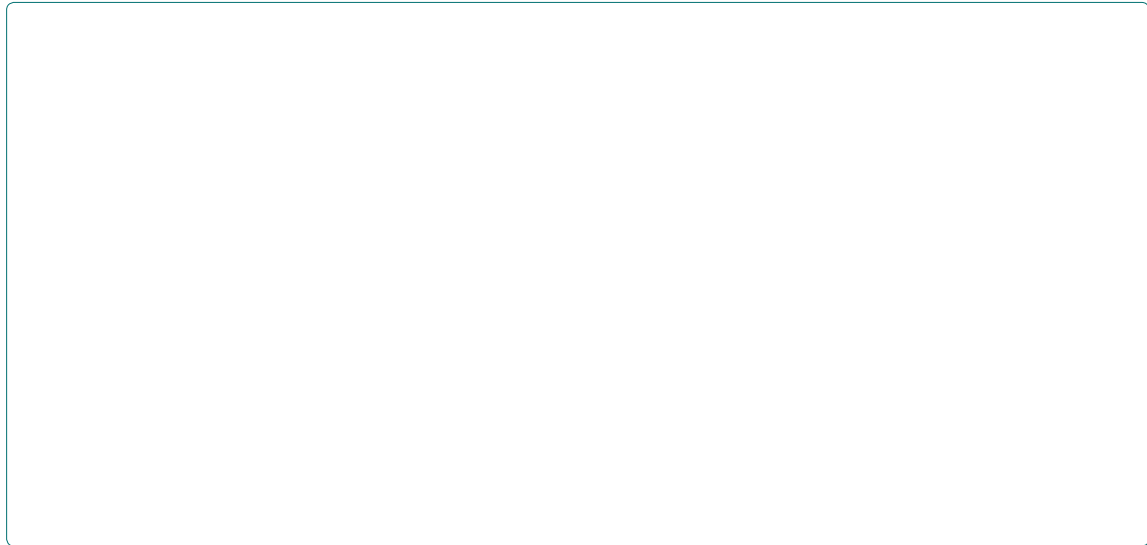




oi *Strongyle spp. P. equorum* were the most common strongyle species

This field study found that the various tested brands of Ivermectin were effective against *Strongyle spp.* and *P. equorum* in horses.



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Strongyle infections are common and significant GIT parasites of horses. The most common and significant GIT parasites of horses are *Strongyle spp.*, *Triodontophorus*, *Parascaris equorum*, and *D. caecalis*. *Strongyle spp.* are reported equine gastrointestinal worms in the country [2,4,5]. Strongyle infections are common to GIT helminths. Strongyle infections are the most common and significant GIT parasites of horses.



[5] in Hossana and [2] in the Hawassa area reported that Strongyle spp. infection is common among working horses, with prevalence rates of 48.2% and 56.1%, respectively. Additionally, research on the degree of infection that was determined using EPG revealed that 59% of the horses were severely infected by strongyles, while mild infection of *P. dentatus* (13.8%) was reported in a horse from the study sites. In line with this study, [26], [15] in Gondar, and [14] in Hossana reported a higher level of strongyle species per gram of feces in infected horses. The differences in the prevalence of helminth infection in horses could be explained by egg presence or absence of intervention. In and around Holeta, there is anthelmintic treatment coverage given to the horses, according to the response we obtained from the owners during the assessment. The presence and distribution of strongylosis in horses were investigated in a field study based on the number of Fecal Eggs (FEC).

Most horses are treated with anthelmintic drugs, so it is believed that strongyloidiasis eggs are mainly produced by adults. Thus, the eggs raised from suppressed larvae are known to be resistant to anthelmintics. A possible justification for the high levels of EPG in young horses could

9. Scott I, Bishop R, Pomroy W (2015) Anthelmintic resistance in equine helminth parasites—a growing issue for horse owners and veterinarians in New Zealand. *NZVJ* 63: 188-198.
10. Ihler CF (2010) Anthelmintic resistance. An overview of the situation in the Nordic countries. *Acta Vet Scand* 52: 1-5.
11. Lamb J, Elliott T, Chambers M, Chick B (2017) Broad spectrum anthelmintic resistance of *Haemonchus contortus* in Northern NSW of Australia