

**PEMERIKSAAN INFEKSI NEMATODA USUS GOLONGAN
SOIL TRANSMITTED HELMINTHS (STH) DAN NON-SOIL
TRANSMITTED HELMINTH (NON-STH) PADA PARA
PETANI DI DESA NGALANG-NGALANGAN**

**(EXAMINATION OF INTESTINAL NEMATODES INFECTION
TYPE SOIL TRANSMITTED HELMINTHS (STH) AND
NON-SOIL TRANSMITTED HELMINTH
(NON-STH) TO FARMERS IN THE
NGALANG-NGALANGAN
VILLAGE)**

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ABTRAK

Infeksi nematoda usus disebabkan oleh 2 golongan nematoda yaitu nematoda STH (Soil Transmitted Helminths) yang memerlukan tanah sebagai media penularannya meliputi antara lain *Ascaris lumbricoides*, *Trichuris trichiura* dan cacing tambang (*Ancylostoma duodenale* dan *Necator americanus*) serta nematoda Non-STH yang tidak memerlukan tanah sebagai media penularannya yaitu cacing *Enterobius vermicularis*. Tujuan dari pemeriksaan tinja pada para petani di desa Ngalang-Ngalangan, kelurahan Senting, kecamatan Sambu, kabupaten Boyolali, Jawa Tengah adalah untuk mengetahui apakah para petani di desa Ngalang-Ngalangan terinfeksi nematoda usus golongan Soil Transmitted Helminths (STH) dan Non-Soil Transmitted Helminth (Non-STH) atau tidak.

Sampel yang diperiksa sebanyak 14 sampel tinja dan pemeriksaan tinja dilakukan dengan metode secara langsung menggunakan pewarnaan Eosin 2 %.

Hasil pemeriksaan tinja terhadap 14 sampel tinja para petani di desa Ngalang-Ngalangan menunjukkan prosentase positif 0 % atau hasil negatif dengan tidak ditemukannya telur atau larva ataupun cacing dewasa dari golongan STH dan Non-STH.

Kata kunci : STH (Soil Transmitted Helminths), Non-STH, Pemeriksaan tinja secara langsung, Para Petani Desa Ngalang-Ngalangan.

ABSTRACT

Infection of intestinal nematodes caused by 2 groups of nematodes that are STH's nematodes (Soil Transmitted Helminths) that require soil as a medium of transmission include among others they are *Ascaris lumbricoides*, *Trichuris trichiura* and hookworm (*Ancylostoma duodenale* and *Necator americanus*) and Non-STH's nematodes which does not require the land as media transmission that is *Enterobius vermicularis*. The purpose of stool examination to the farmers in the Ngalang-Ngalangan village, senting village, district of Sambu, district of Boyolali, Central Java is to determine whether the farmers in the Ngalang-Ngalangan village infected with

intestinal nematodes class of Soil Transmitted Helminths (STH) and Non-Soil Transmitted helminths (Non-STH) or not.

Samples were examined as many as 14 samples of feces and fecal examination performed by the method of directly using staining of Eosin 2 %.

Stool examination of 14 farmers's stool sample in the Ngalang-Ngalangan village are 0% indicates the percentage of positive or negative results by not finding the eggs or larvae or adult worms from the class of STH and Non-STH.

Keywords : STH (Soil Transmitted Helminths), Non-STH, Fecal examination directly, Farmers Ngalang-Ngalangan village.