

**POLITEKNIK KESEHATAN TANJUNGPUR
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Cemaran Telur *Soil Transmitted Helminth* Pada Sayuran Selada (*Lactuca sativa*) dan Sawi Hijau (*Brassica juncea L*) yang Dijual di Pasar Untung Suropati Bandar Lampung

Xiii + 24 halaman, 3 tabel, 11 gambar, 9 lampiran

ABSTRAK

Soil Transmitted Helminths (STH) adalah sekelompok cacing penyebab kecacingan dimana penularannya dari satu hospes ke hospes lainnya melalui tanah. Beberapa jenis *STH* yang sering menginfeksi manusia adalah *Ascaris lumbricoides*, *Trichuris trichiura*, *Necator americanus*, *Ancylostoma duodenale* dan *Strongyloides stercoralis*. Kontaminasi *STH* pada sayuran dapat terjadi pada sayuran yang tumbuh menjalar di permukaan tanah atau ketinggian sayuran dekat dengan tanah. Selada dan sawi hijau merupakan sayuran yang tumbuh dekat dengan permukaan tanah hingga rentan tercemar oleh telur *STH*. Penelitian ini bertujuan untuk mengetahui adanya telur *STH* pada sayuran selada dan sawi hijau yang dijual di Pasar Untung Suropati Bandar Lampung. Pemeriksaan dilakukan di Laboratorium jurusan Analis Kesehatan Poltekkes Tanjungkarang. Populasi yang diambil adalah sejumlah 15 pedagang sayuran di Pasar Untung Suropati Bandar Lampung. Sampel yang digunakan diambil dari seluruh populasi pedagang sayuran di Pasar Untung Suropati Bandar Lampung. Penelitian ini menggunakan metode sedimentasi dan Analisis data univariat. Hasil penelitian menunjukan cemaran telur *STH* sayuran selada sebanyak 2 sampel (13,3%) dan sawi hijau sebanyak 3 sampel (20%). Spesies telur cacing yang ditemukan adalah *Ascaris lumbricoides* sebanyak 5 sampel (16,7%).

Daftar Bacaan : 33(2003-2020)

Kata Kunci : Telur cacing, *Soil Transmitted Helminth*, selada, sawi hijau.

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Contamination of Soil Transmitted Helminth Eggs on Lettuce (*Lactuca sativa*) and Green Mustard (*Brassica juncea* L) sold at Untung Suropati Market, Bandar Lampung

Xiii + 24 pages, 3 tables, 11 pictures, 9 attachment

ABSTRACT

Soil Transmitted Helminths (STH) is a group of worms that cause helminthiasis which is transmitted from one host to another through the soil. Several types of STH that often infect humans are *Ascaris lumbricoides*, *Trichuris trichiura*, *Necator americanus*, *Ancylostoma duodenale* and *Strongyloides stercoralis*. STH contamination in vegetables can occur in vegetables that grow on the surface of the soil or the height of vegetables close to the ground. Lettuce and mustard greens are vegetables that grow close to the soil surface and are susceptible to contamination by STH eggs. This study aims to determine the presence of STH eggs in lettuce and mustard greens sold at Untung Suropati Market, Bandar Lampung. The examination was carried out at the Health Analyst Laboratory of the Tanjungpuran Health Polytechnic. The population taken is a number of 15 vegetable traders at the Untung Suropati Market, Bandar Lampung. The samples used were taken from the entire population of vegetable traders at Untung Suropati Market, Bandar Lampung. This research uses sedimentation method and univariate data analysis. The results showed that there were 2 samples of lettuce STH egg contamination (13.3%) and green mustard greens as many as 3 samples (20%). The species of worm eggs found were *Ascaris lumbricoides* as many as 5 samples (16.7%).

Reading List : 33(2003-2020)

Keywords: Worm eggs, Soil Transmitted Helminth, lettuce, mustard greens