

## INTISARI

**Awalia, Isvarina. 2023. Hubungan Personal Hygiene Pedagang Dan Sanitasi Sayuran Dengan Keberadaan Telur Nematoda Usus Golongan STH (Soil Transmitted Helminth) Pada Kubis Dan Kemangi Di Warung Pecel Lele Desa Jenangan Ponorogo. Program Studi D-III Analis Kesehatan, Fakultas Ilmu Kesehatan Universitas Setia Budi.**

Nematoda usus banyak terdapat di negara berkembang yang kurang menjaga *personal hygiene* dan memiliki sanitasi yang tidak memadai. Penularan cacing pada manusia dapat terjadi secara langsung seperti terkontaminasi telur cacing pada tanah atau makanan. Konsumsi sayuran mentah harus berhati-hati terutama pada praktik mencuci sayuran yang tidak baik berpotensi masih terdapat *Soil Transmitted Helminth*. Tujuan dalam penelitian ini adalah untuk mengetahui *personal hygiene* pedagang dan sanitasi sayuran dengan keberadaan telur nematoda usus golongan STH pada kubis dan kemangi di warung pecel lele Desa Jenangan Ponorogo.

Jenis penelitian ini menggunakan metode observasional dengan desain *cross sectional*. Pengambilan sampel pada penelitian ini menggunakan tehnik *totality sampling*. Populasi dari penelitian ini sebanyak 18 pedagang warung pecel lele dan terdapat 18 sampel lalapan kubis dan 18 sampel lalapan kemangi. Data penelitian diperoleh dari data primer menggunakan kuesioner dan identifikasi STH pada kubis dan kemangi menggunakan metode sedimentasi. Analisis data menggunakan uji univariat dan *Chi-Square*.

Hasil penelitian menunjukkan bahwa tidak terdapat hubungan *personal hygiene* pedagang dengan keberadaan STH, tetapi terdapat hubungan sanitasi sayuran terhadap keberadaan STH pada lalapan kubis dan kemangi di warung pecel lele Desa Jenangan Ponorogo. Persentase kontaminasi STH pada 18 sampel lalapan kubis tidak terdapat (0%) kontaminasi STH dan 18 lalapan kemangi terdapat 1 sampel (5,6%) kemangi yang positif terkontaminasi *Soil Transmitted Helminth* (STH).

**Kata kunci :** *Personal Hygiene*, Sanitasi Sayuran, *Soil Transmitted Helminth* (STH), Kubis, Kemangi.

## ABSTRACT

**Awalia, Isvarina. 2023. *The Relationship between Traders' Personal Hygiene and Vegetable Sanitation with the Presence of STH (Soil Transmitted Helminth) Type Intestinal Nematode Eggs on Cabbage and Basil at the Pecel Lele Stall, Jenangan Village, Ponorogo. D-III Health Analyst Study Program, Faculty of Health Sciences, Setia Budi University.***

Intestinal nematodes are often found in developing countries that do not maintain personal hygiene and have inadequate sanitation. Transmission of worms to humans can occur directly through contamination of worm eggs in soil or food. Consuming raw vegetables must be careful, especially with poor vegetable washing practices which could potentially contain Soil Transmitted Helminth. The aim of this research is to determine the personal hygiene of traders and vegetable sanitation with the presence of STH class intestinal nematode eggs on cabbage and basil at pecel lele stalls in Jenangan Village, Ponorogo.

This type of research uses an observational method with a cross sectional design. Sampling in this study using totality sampling technique. The population of this study were 18 pecel catfish stall traders and there were 18 samples of fresh cabbage and 18 samples of fresh fresh basil. Research data was obtained from primary data using a questionnaire and identification of STH in cabbage and basil using the sedimentation method. Data analysis used univariate and Chi-Square tests.

The results showed that there was no relationship between the personal hygiene of traders and the presence of STH, but there was a relationship between vegetable sanitation and the presence of STH in fresh vegetables of cabbage and basil at the catfish pecel stall, Jenangan Village, Ponorogo. The percentage of STH contamination in 18 samples of cabbage vegetables did not contain (0%) STH contamination and in 18 basil vegetables, 1 sample (5.6%) of basil was positively contaminated with Soil Transmitted Helminth (STH).

**Keywords :** *Personal hygiene, food sanitation, Soil Transmitted Helminth (STH), Cabbage, Basil*