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All new!
BIODEWORMER

All Natural and Safe



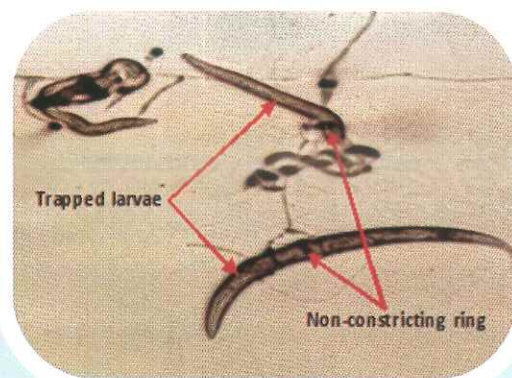
INTRODUCTION

Parasitism is still the no.1 constraint in small ruminant industry mainly due to the development of anthelmintic resistance. Anthelmintic resistance is the ability of worms to survive drug treatments that are generally effective. It is a worldwide phenomenon and found to be present in 41.2% of commercial small ruminant farms in Region 02. In line with the Department of Agriculture's program on Organic Agriculture and its vision of sustainable, ecological and economical means to increase productivity, alternative parasite control is needed.



WHAT IS NEMATOPHAGOUS FUNGI?

Nematophagous fungi are biological agents that trap and attack all stages of worms (egg, larva and adult) for food. *Arthrobotrys drechleri* is a species of nematophagous fungi indigenous in Region 02. Its predatory activity focuses on free living stages of worms. It captures larvae by its adhesive non-constricting ring, forms penetration tube that pierces the larvae's cuticle and produces enzymes that kills.



WHAT IS A BIODEWORMER?

Biodewormer is the first "chemical-free" oral suspension developed by the Regional Animal Disease Diagnostic Laboratory (RADDL) of the Cagayan Valley Integrated Laboratory (CVIAL) to control roundworms of small ruminants

In a study conducted in the region, oral drench of 2.7×10^6 *Arthrobotrys drechleri* spores reduced the egg laying capacity of the adult nematode by 29.5% and more importantly,

BENEFITS OF USING BIODEWORMER

1. Provides opportunities to maintain effective parasite control;
2. Reduces cost for anthelmintic or anti-parasitic drugs;
3. Does not produce harmful residues;
4. Increases income of small ruminant farmers.

HOW TO ADMINISTER?

- Give 5 ml for 5 consecutive days before they are released to graze in the pasture
- Give the same dosage after the 1 to 3 months (after the last administration) depending on the result of fecalysis.
- It can be given to sheep and goat regardless of age.

