THE ANTHELMINTIC EFFECT OF PUMPKIN SEED 
(Cucurbita pepo) INFUSION ON LETHAL DEATH 
TIME OF Ascaridia galli IN VITRO

Reyska Ovanistya

ABSTRACT

Ascaridiasis can be happened in either broiler or hens that can caused decrease of meat and egg productions. Pumpkin seed (Cucurbita pepo) has been used in traditional anthelmintic medicine. This research was to determine anthelmintic effect of pumpkin seed (Cucurbita pepo) infusion on Lethal Death Time of Ascaridia galli in vitro. In this research used Ascaridia galli with length 7-11 cm without sex notice. The concentrations of pumpkin seed (Cucurbita pepo) for immersion the Ascaridia galli were 90.75 %, 99.83 % and 109.88 %. Positive control used NaCl physiology (0.9 %). The result of this research, showed that the increase of concentration would decrease Lethal Death Time. The Lethal Death Time on concentration of 90.75 %, 99.83 and 109.88 was 9 hours 36 minutes, 8 hours 36 minutes and 8 hours 24 minutes respectively. ANOVA test showed significant be difference among all of the experiment groups (p<0.05). Duncan multiple range test was seen the best treatment was the shortes Lethal Death Time in concentration of 109.88 %.

Keywords : Pumpkin seed, Ascaridia galli, Cucurbita pepo, Lethal Death Time