A study was conducted to test the action of Areca catechu extract on the in vitro hatchability of eggs of sheep gastrointestinal nematode Haemonchus contortus. The seed was broken and dried at 37°C, crushed in 2 mm size and its contents were extracted with a solution of acetone: water (70:30), filtered, roto evaporated and freeze dried. A hundred eggs of H. contortus were added to different concentrations of A. catechu extract in a 48-well plate, and incubated for 24 hours at 27°C to evaluate their effectiveness. Data were analyzed with SAS Probit (SAS Inst., Inc., Cary, NC) estimating the LC50 and the independent variables (dose). The results showed that at doses of 7.45 mg/mL can inhibit 50% of the hatchability of eggs of H. contortus (Figure 1).