

# عنوان مقاله:

(Effects of propofol as anaesthetics on some haematological parameters of Common carp fish (Cyprinus carpio

### محل انتشار:

سومین کنفرانس بین المللی توسعه پایدار، راهکارها و چالش ها با محوریت کشاورزی ، منابع طبیعی ، محیط زیست و گردشگری (سال: (1395)

تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

Propofol is marketed around the world as an anesthetic for mammals, birds, amphibians, reptiles and fish. This research was conducted to investigate the effect of propofol on anaesthesia and some haematological parameters of common carp fish. Induction (deep anesthesia) and recovery Time after exposure to concentrations of 2,4,6,8 and 10 mg/ I were measured. The lowest and highest induction time was record in10 mg/l (26.66±2.08 sec) and 2 mg/l (103.33±25.65 sec). Propofol anaesthesia caused the increase of RBC level at all concentration during anesthesia, however, it was not significant. propofol had no significant effect (P< 0.05) on WBC level except for 6 mg/l during anaesthesia. But 24 h later, it was not significant. Significant increase(P< 0.05) in PCV level in 6 and 10 mg/l during anesthesia was observed. But 24 h later, it was not significant. In conclusion, the propofol anaesthetic agent could be .used as sedatives in culture of Common carp fish

**کلمات کلیدی:** Anaesthesia, Blood, Cyprinus carpio, Propofol

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