

## **GROWTH PERFORMANCES AND HEMATOLOGICAL RESPONSES OF A FRESH WATER TELEOST(LABEO ROHITA, HAMILTON) FINGERLINGS FED WITH *JATROPHA CURCAS* L. KERNEL MEAL**

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Abstract : *Labeo rohita* (Ham) fingerlings (3-4 g.) were fed with protein rich *Jatropha curcas* kernel meal (25% replacement of fish meal). Fishes showed poor growth performances in comparison to control group. Total count of RBC, Hb, Hct, MCV and MCH values differ significantly among the groups. WBC count and MCHC did not differ significantly. During recovery phase, fishes showed improved growth and hematological responses. The results demonstrate that *Jatropha curcas* kernel meal is highly toxic to carp fingerlings.

**Keywords:** *Jatropha curcas*, *Labeo rohita*, growth, hematology.

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