HAEMATOLOGICAL PROFILE OF MADRAS RED SHEEP

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The hematological profile of Madras Red sheep maintained at Post Graduate Research Institute in Animal Sciences (Livestock Research Station) at Kattupakkam, Kancheepuram District of Tamil Nadu was studied. Blood samples were collected from young and adult sheep for analysis of blood parameters viz., haemoglobin (Hb), packed cell volume (PCV), RBC and WBC count. The results revealed that Hb % for young and adult sheep was 8.27±0.18 and 8.66±0.25, respectively. Similarly, the PCV was 25.88± 0.62 and 32.80± 4.57 respectively. The blood cell count for young animals were 7.25± 0.18 millions/cu mm (RBC) and 7640± 174.16 (WBC) with a range of 5700 to 9200. In adult sheep, the average count for RBC was 7.85 ± 0.22 millions/cu mm and WBC count ranged from 6400 to 9400 with average count of 7813 ± 231.32.

Key words: Madras Red sheep, haematological profile