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ARTICLE

## Infection load of *Haemonchus contortus* in local breed of goats of Chhattishgarh and correlation with haemoglobin values

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**Abstract :** Goats are the small ruminants which have enormous potential to boost economy and this may be major source of income especially to marginal farmers and landless laborers. Thus the goats are called as the poor man's cow. Among the gastrointestinal parasites *Haemonchus contortus* is economically important parasites causing a great economic loss in small ruminants industry. The present study was conducted to see the seasonality status of *Haemonchus contortus* in relation to haemoglobin values. In this study higher EPG ( $1860.57 \pm 140.20$ ) was found during rainy season as compared to the value ( $175 \pm 47.70$ ) of summer season. The highest Hb per cent ( $8.16 \pm 0.32$ ) was recorded in the month of April which was followed by March ( $8.08 \pm 0.22$ ), May ( $8.02 \pm 0.02$ ), June ( $7.36 \pm 0.32$ ), July ( $6.29 \pm 0.15$ ), August ( $6.34 \pm 0.44$ ) and lowest Hb per cent ( $5.99 \pm 0.15$ ) was recorded in the month of September. While season-wise Hb per cent was compared, it was found that the value of summer season ( $8.09 \pm 0.13$ ) was significantly ( $P < 0.001$ ) higher than rainy season ( $6.4 \pm 0.14$ ).

**Key words :** *Haemonchus contortus*, Seasonality, Hb per cent, Correlation

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