

# HAEMATOLOGICAL AND SERUM BIOCHEMICAL CHARACTERISTICS OF WEANER RABBITS FED PLANTAIN LEAF AND CONCENTRATE



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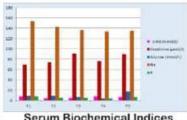
## INTRODUCTION

- Rabbits are prolific and capable of utilizing forages.
- ➢ Plantain leaf is abundant and rich in potassium and c a n alleviate dry season problem of feed shortage
- > Blood indices show effects of nutrition

- No altered effect on parameters except TWBC.
- Haematological indices in this study suggested their physiological disposition to the plain of nutrition.
- Allergic conditions and parasitism was observed for those on Treatment 4.

Table 2: Serum Biochemical Indices and Electrolytes

Indices	TI	12	T3	T4	T5
Ures (mmol/L)	7.67*	4.075	4.87**	7.73°	6.40**
Creatinine (a mol/l)	69.67	74,33	91.00	76.00	93,00
Glucise (mmil/L)	3.87°	K.9 <sup>sh</sup>	6.50	4.37	17.07
Na	153.67	142.67 <sup>d</sup>	136,00	133,67	135.00
К	7.90°	5,375	3.47	4.10°	6.47



Serum Biochemical Indices and Electrolytes

# MATERIALS AND METHODS

- Growth study lasted 8 weeks
- Blood collected at end of experiment f r o m 3 0 rabbits grouped into five
- Blood analysis was on haematology and serum characteristics



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- No altered effect on creatinine
  - Urea and glucose were affected by treatment but showed no trend
  - Values here did not show deleterious effects

#### RESULTS



Haematological Indices of Weaner Rabbits Fed Plantain Leaf



## CONCLUSIONS

Plantain leaf did not a dversely affect haematology and serum biochemistry of rabbits It is recommended as a veritable feedstuff for rabbits.