

**EFFECTS OF BREED, AGE, SEASON AND WEEK ON  
MILK SECRETION RATE AND EIGHT HOUR MILK  
YIELD OF WEST AFRICAN DWARF AND RED SOKOTO  
GOATS**

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**ABSTRACT**

A comparative study on milk secretion rate and 8 h milk yield of West African Dwarf (WAD) and Red Sokoto (RS) goats was carried out at Abeokuta, Nigeria. The milk secretion rate and 8 h milk yield obtained for WAD and RS were  $6.57 \pm 0.34$  ml/h,  $52.57 \pm 2.74$  ml and  $7.32 \pm 0.35$  ml/h,  $58.55 \pm 2.83$  ml respectively. Does aged 1.5-3 years had higher secretion rate and part milk yield  $7.42 \pm 0.36$  ml/h and  $59.37 \pm 2.86$  ml than older does  $6.47 \pm 0.34$  ml/h and  $51.75 \pm 2.72$  ml. The milk secretion rate and 8 hr milk yield were higher in the wet season  $7.51 \pm 0.35$  ml/h and  $60.11 \pm 2.81$  ml than in the dry season  $6.38 \pm 0.35$  ml/h and  $51.00 \pm 2.76$  ml. They were also higher in the early weeks of lactation and declined towards the end of lactation.