

## **Effect of Roselle flower aqueous flower (*Hibiscus sabdariffa* L.) extract to production Performance in Rabbits**

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**Abstract:** This study was carried on 16 local rabbit bucks, 4-5 weeks old and Weight  $412.56 \pm 13.6$  gm. in Diyala University/ college of agriculture /Animal field during the period from 15/1/2014 to 30/2/2014. Animals were randomly assigned into 4 main groups (4 animals/ group), each main group was divided into one sub group (1 animal/cages), the animal were fed libitum on rations contain same crude protein (14.95%) and metabolizable energy (2514 Kcal/kg. feed) but different in percentage of Roselle flower aqueous flower for 6 weeks. Feed consumption, body weight gain, feed efficiency were recoded weekly, At the end of fattening period Three rabbits on each group were slaughtered and some carcass traits as hot and cold carcass, and dressing percentages were studied. The results indicated that percentage of has aqueous extract of Roselle flowers was mixed at the rate 5, 10 and 15% with water respectively while treatment one as control. A significantly ( $p \leq 0.05$ ) effect almost all production trails, increase weekly total gain, total feed consumption, weekly live body weights, feed conversion, while no significant effect ( $p \leq 0.05$ ) were found on weekly food intake with a tendency to increase body weight and a significant improvement in feed efficiency, while significant effect were found on some carcass traits as hot and cold carcass and dressing percentages different percentage of Aqueous extract of Roselle flowers.