

## The effect supplement of *Saccharomyces cerevisiae* With Drinking Water on production Performance in Broiler Chickens (ROSS)

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**Abstract:** This Experiment was carried out at Kirkuk University/ college of agriculture /department of animal resource. From six week during the period from 15/4/2013 to 10/6/2013. The aim of this Experiment was determine effect supplement of *Saccharomyces cerevisiae* in water (S.C.) on broiler Ross Productive Parameters. Thirteen Broiler ROSS 308 one day old were randomly assigned in seven day old into Four treatment groups with percentage of S.C (T0= 0, T1= 0.1, T2=0.2 and T3= 0.3 gm. / 100 ml water) respectively with 75 replicates per each treatment. The animal were fed ad libitum on rations contain same crude protein (20.04%) and metabolizable energy (2989 Kcal/kg. feed). Feed consumption, body weight gain, feed efficiency and mortality rate were recorded weekly, At the end of fattening period 18 birds from each group were slaughtered and some carcass traits as, Carcass weight, Percentage of carcass parts Dressing percentages, weight of back, Heart and liver weight, Abdominal fat, Abdominal giblets and intestinal length were studied. The results indicated that percentage of *Saccharomyces cerevisiae* (S.C.) has significantly ( $p \leq 0.05$ ) effect almost all production Performance,

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