

# **Effect of straw treated with fungi on the reproductive performance of Nuaami lambs**

**M.H.Rashid**

**M.A.Shouaal**

**Depa. Of animal resources / College of Agriculture / Diala university**

## **Abstract**

This study was conducted at the Farm of Animal Resources Department College of Agriculture\_ University of Tikrit. To study the effect of adding straw treated with fungi on production performance of Nuaami lambs started from 1/4/2012 to 1/7/2012, Twelve Nuaami lambs aged 4-5 months were used with average body weight  $21.44 \pm 0.44$  Kg were divided randomly into Three treatments ; T1 fed 2% of body weight barley + untreated straw, T2 fed 2% of body weight barley + untreated straw 50% + treated straw with fungi *Pleurotus ostreatus* 50% , T3 fed 2% of body weight barley + straw treated with fungi *Pleurotus ostreatus* , Live body weight , Total gain, Average daily gain , Feed consumption and Feed to gain ratio were measured .

The results showed that adding treated straw caused significantly ( $P < 0.05$ ) increased on final weight, total gain, average daily gain , feed conversion when animals fed on straw treated with fungi

