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WHICH SYSTEM IS THE MOST PROFITABLE IN DAIRY KID REARING?



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INTRODUCTION

The second product of dairy goat farms is the sale of kids. (13% income).

In Spain the slaughter age and weight of **Murciano-Granadina (MG)** kids are low (30 days and 7-10kg).

The current price of these kids is low (4.2-5.7€/kg) if we compare it with the production costs.

Increasing growth rate may contribute to a reduction of the production costs. The kids' growth is affected by the feed conditions. in this case, the rearing system.

Aim: Evaluate the growth traits in MG male kids from the birth to the weaning, comparing **mix** and **artificial rearing systems**. Indicate the most suitable system to optimize the farm production and improve the **profits**.

MATERIAL AND METHODS

Place: Institut de Ciència i Tecnologia Animal (ICTA- UPV)



Mix rearing system (MIX):

- 14 goats → 14 male kids
- Suckling goat milk ad libitum

Artificial rearing system (AR):

- 19 goats → 23 male kids
- Nurse LAC-TEC (milk replacer 180g/l)



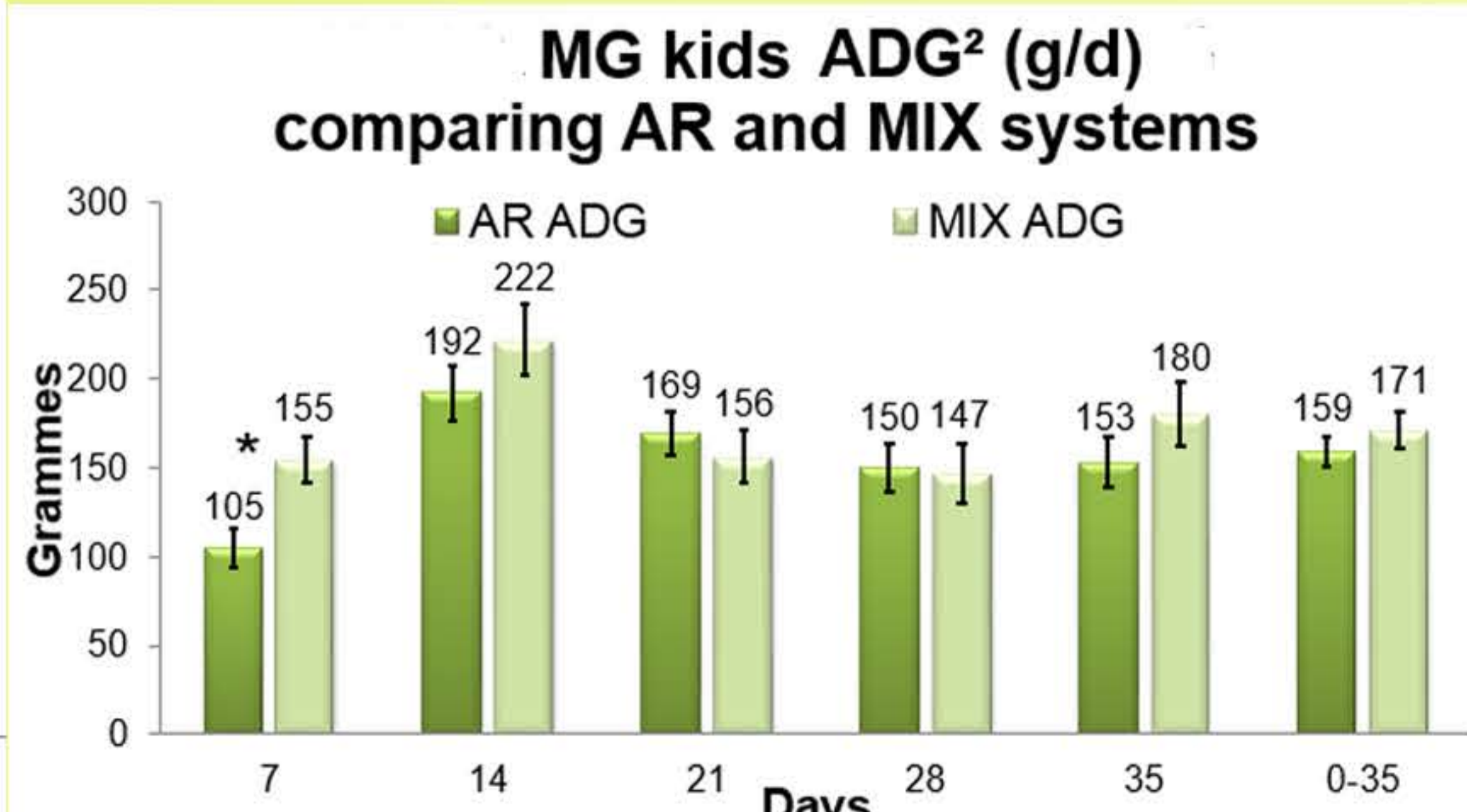
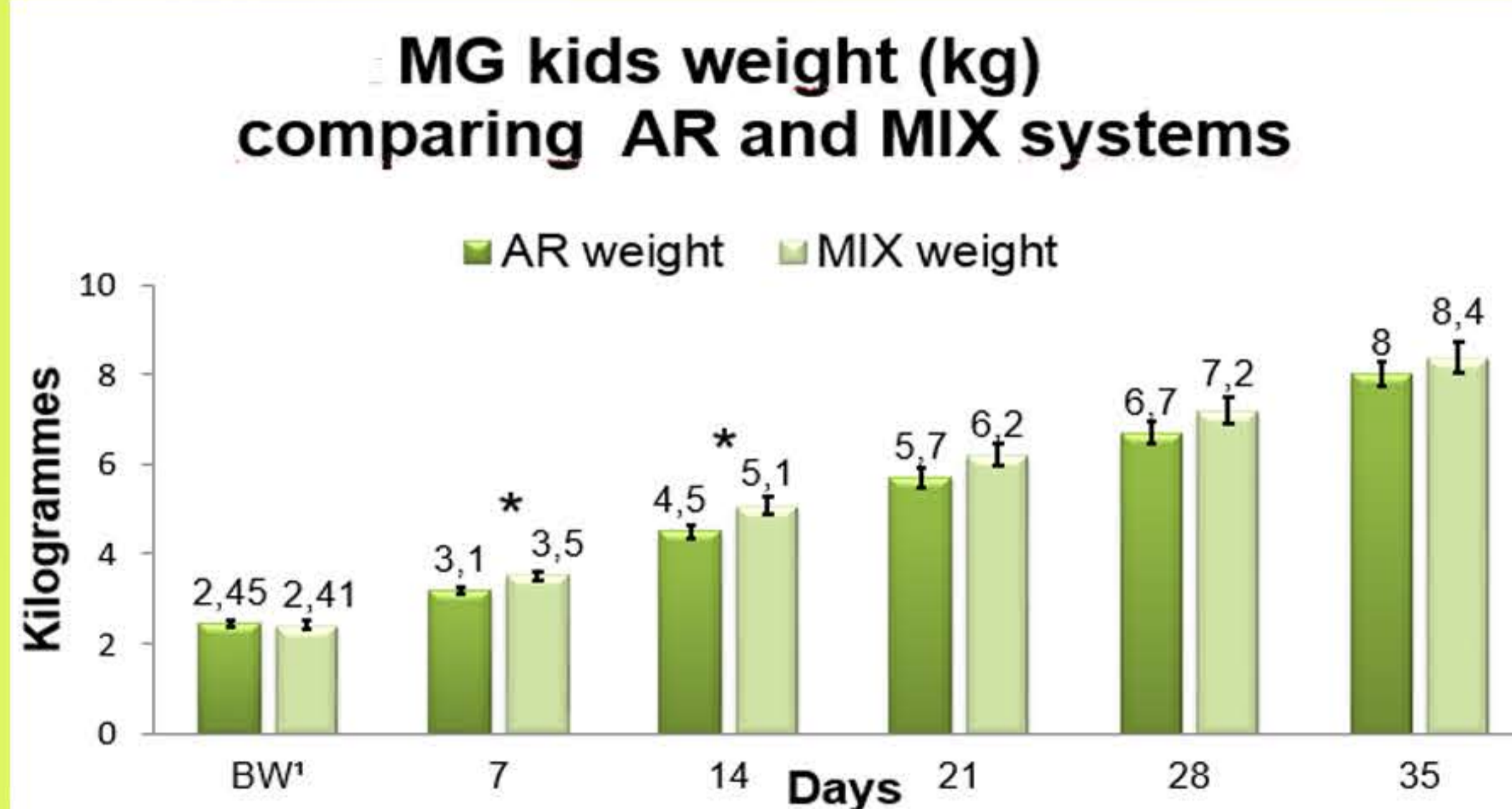
Animals:

- 60 MG multiparous female goats (45±2 Kg)
- Once milking/day (8:00h): 90ppm / 60% pulsation
- Births: September and October 2014

Weight registration:

- Birth, weekly until the weaning (35d).
- Digital dynamometer (KERN HDB, KERN, Germany)

RESULTS



¹BW: Birth weight; ²ADG: Average Daily Gain. *Significant differences (P<0.05)

CONCLUSION:

The rearing system did not significantly affect the MG growth performance.

FUTURE STUDIES: Include an economic study comparing both systems (AR and MIX).

