



Ethical aspects of breeding: may be limited to genetics alone?

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INTRODUCTION

Good life conditions and health can ensure both WELFARE and suitable PERFORMANCES but

Genetics and breeding technology must be "paralleled"

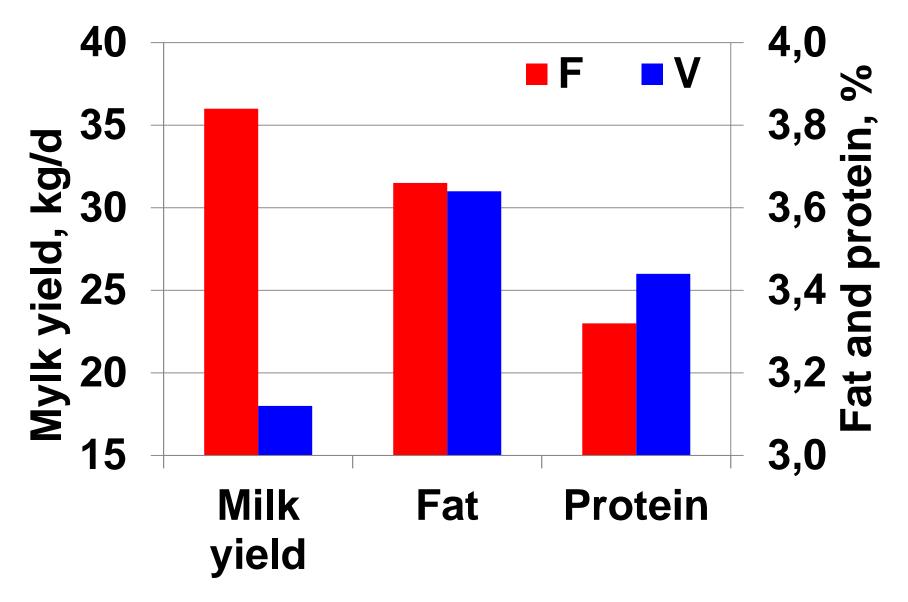
AIM

Aim of the paper is to show that dairy breeds with extremely different milk yield, when kept in proper conditions, can experience a good welfare.

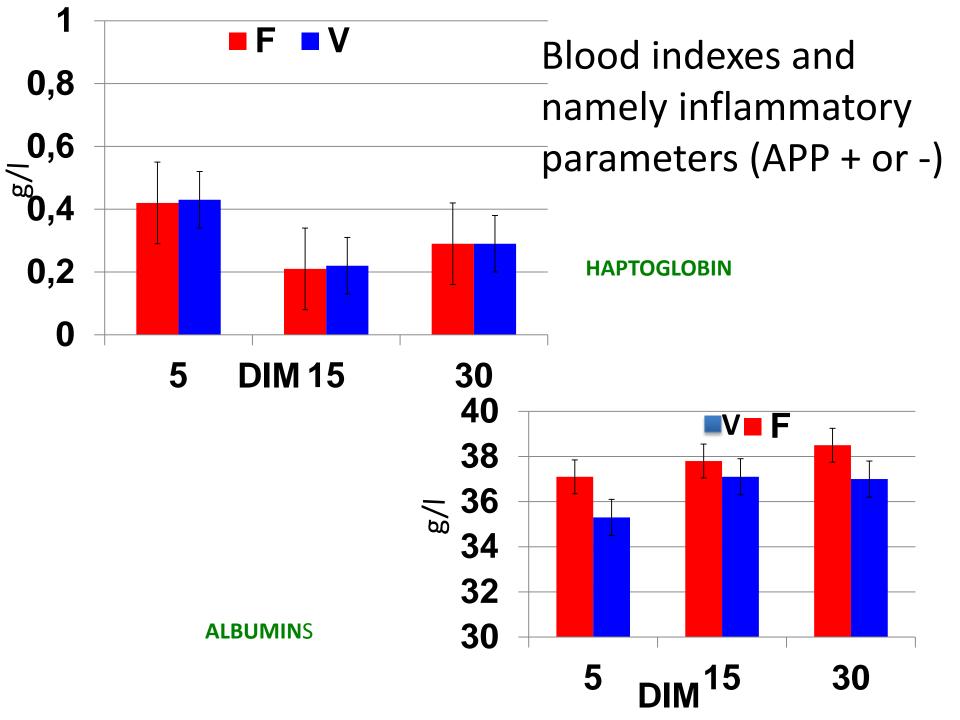
Materials and Methods

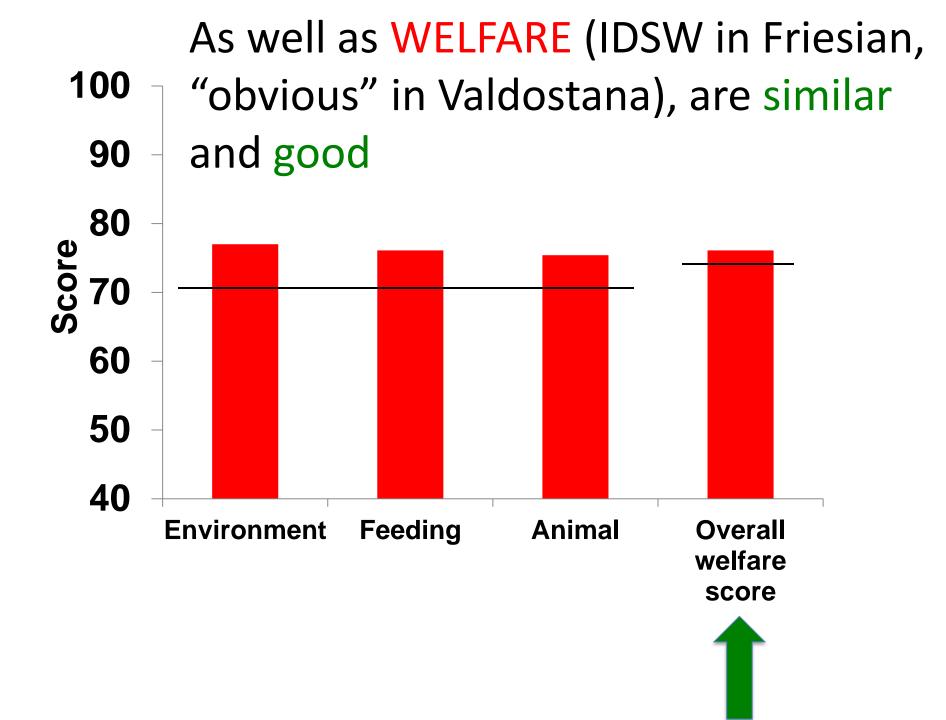
- Two farms: natural or high technology
- Two breeds: Valdostana or Friesian (italian)
- Two yield levels: 18 or 36 kg/d both properly managed.

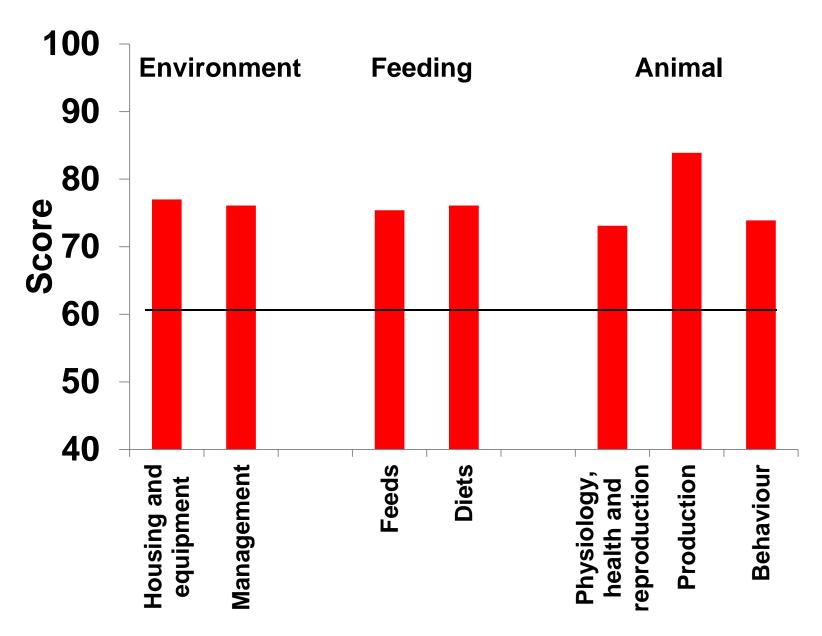
Checks: milk yield and composition, health (and blood analysis), fertility and WELFARE evaluation with our model IDSW (only Friesian)



Except milk yield.....its quality...also health (SCC)







All aspects, fertility included, were above model threshold

CONCLUSIONS

Our results suggest that the judgement of breeding effects can only be expressed if the "high genetic merit" animals are kept in suitable conditions (feasible). High milk yield is not per se cause of lower welfare, but it can not be the only index of performance.

Thanks to you and to my coworkers

• Questions?