



Sveriges lantbruksuniversitet  
Swedish University of Agricultural Sciences



# Ensiling of red clover and lucerne

Elisabet Nadeau, Annika Arnesson and Horst Auerbach

<sup>1</sup>Dept. of Animal Environment and Health,  
Swedish University of Agricultural Sciences, Skara, Sweden

<sup>2</sup>ADDCON EUROPE GmbH, Germany

LegSA seminar, SLU Skara, March 21, 2013

# Objective

- **To evaluate the fermentation characteristics and aerobic stability of silages of red clover, red clover-grass and lucerne.**

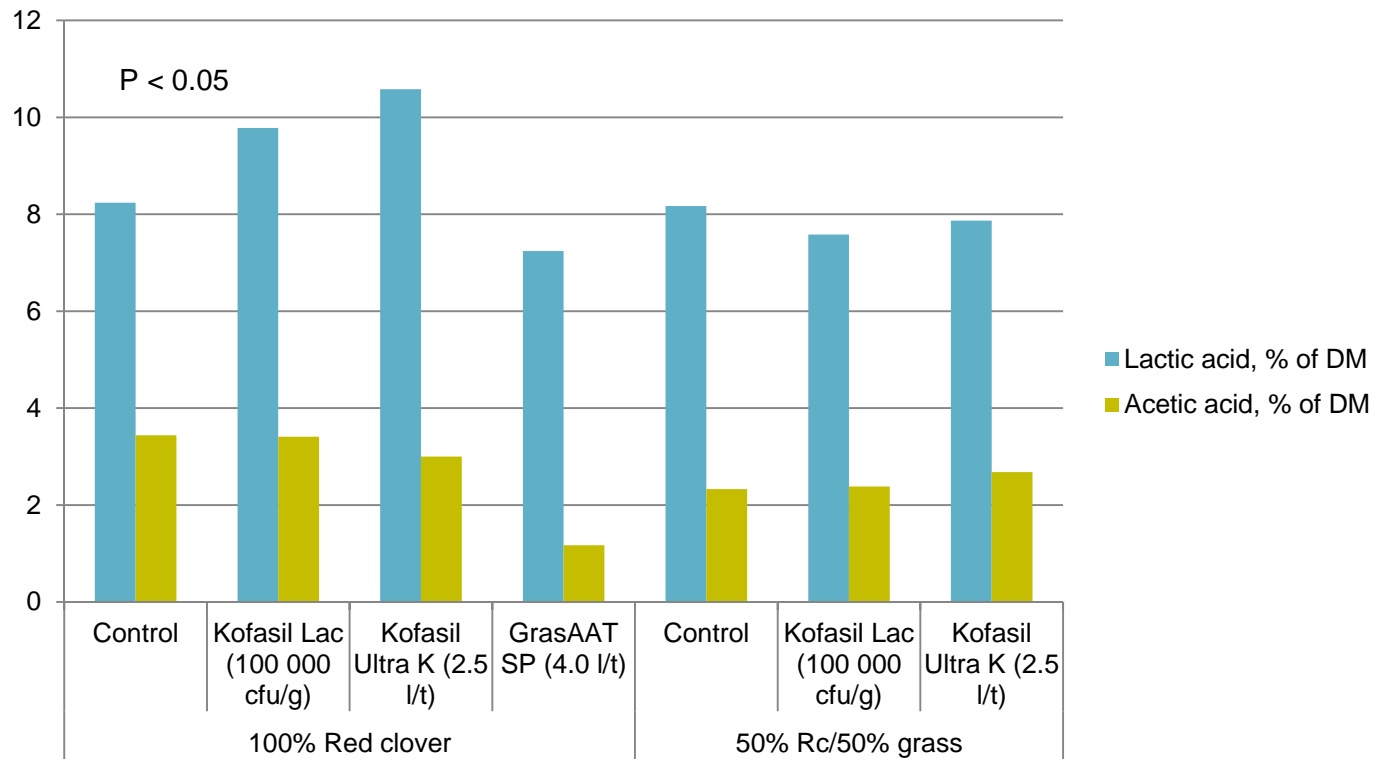
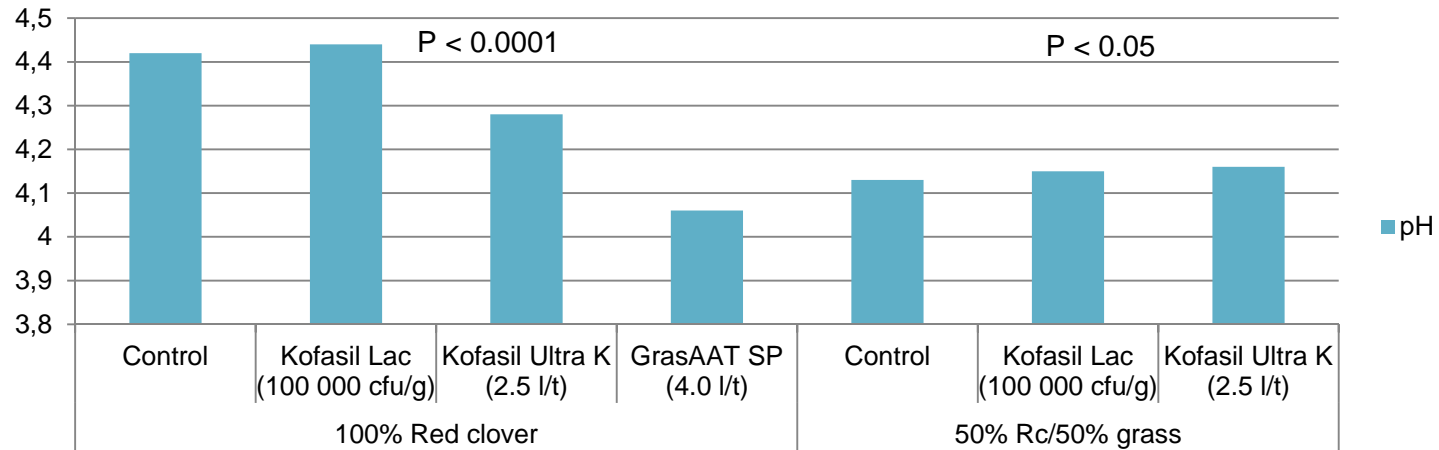
- 100% red clover, 24% DM  
17% CP, 10% WSC of DM
  - Control
  - GrasAAT SP, 4 l/t
  - Kofasil Lac, 100 000 cfu/g
  - Kofasil Ultra K, 2.5 l/t
  
- 50% red clover/50% grass, 24% DM  
13% CP, 14% WSC of DM
  - Control
  - Kofasil Lac, 100 000 cfu/g
  - Kofasil Ultra K, 2.5 l/t



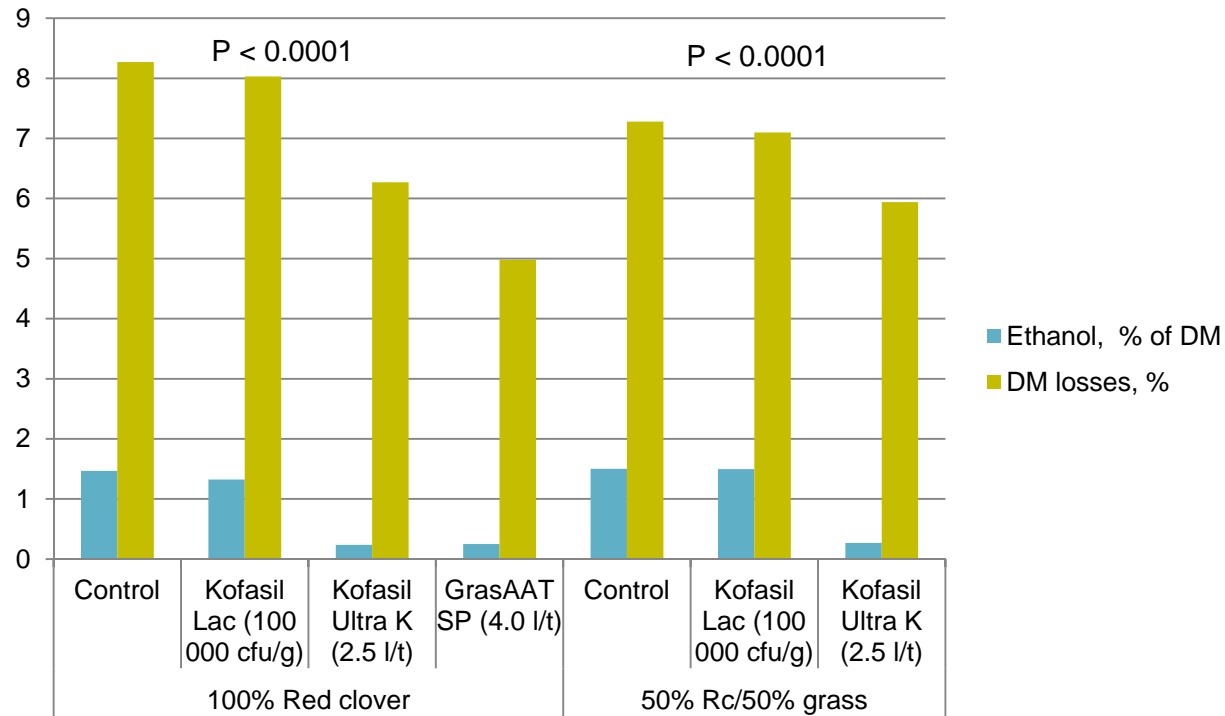
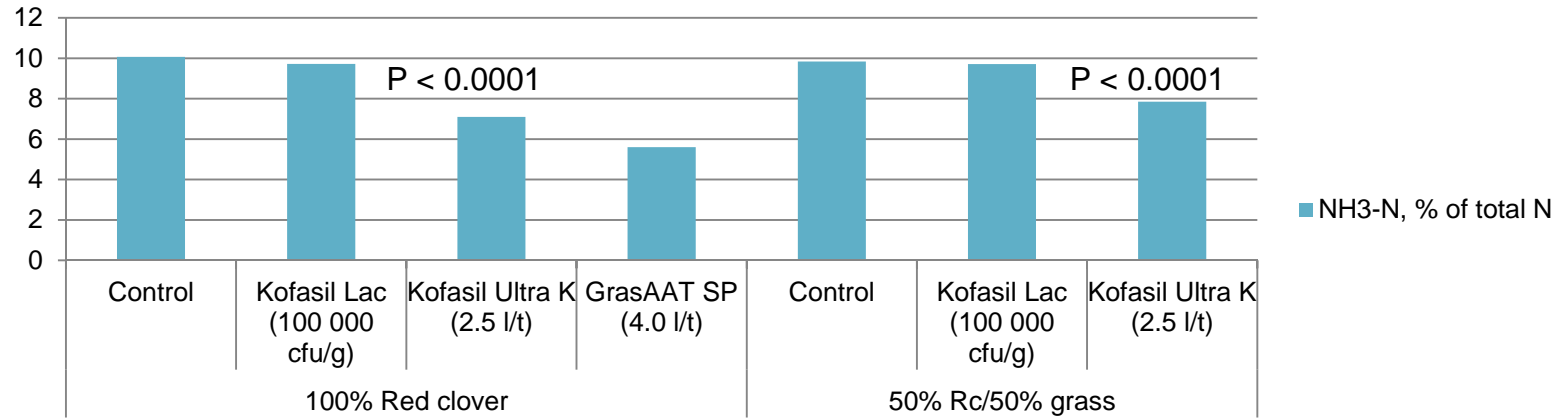
# Laboratory silos 90-100 days of storage



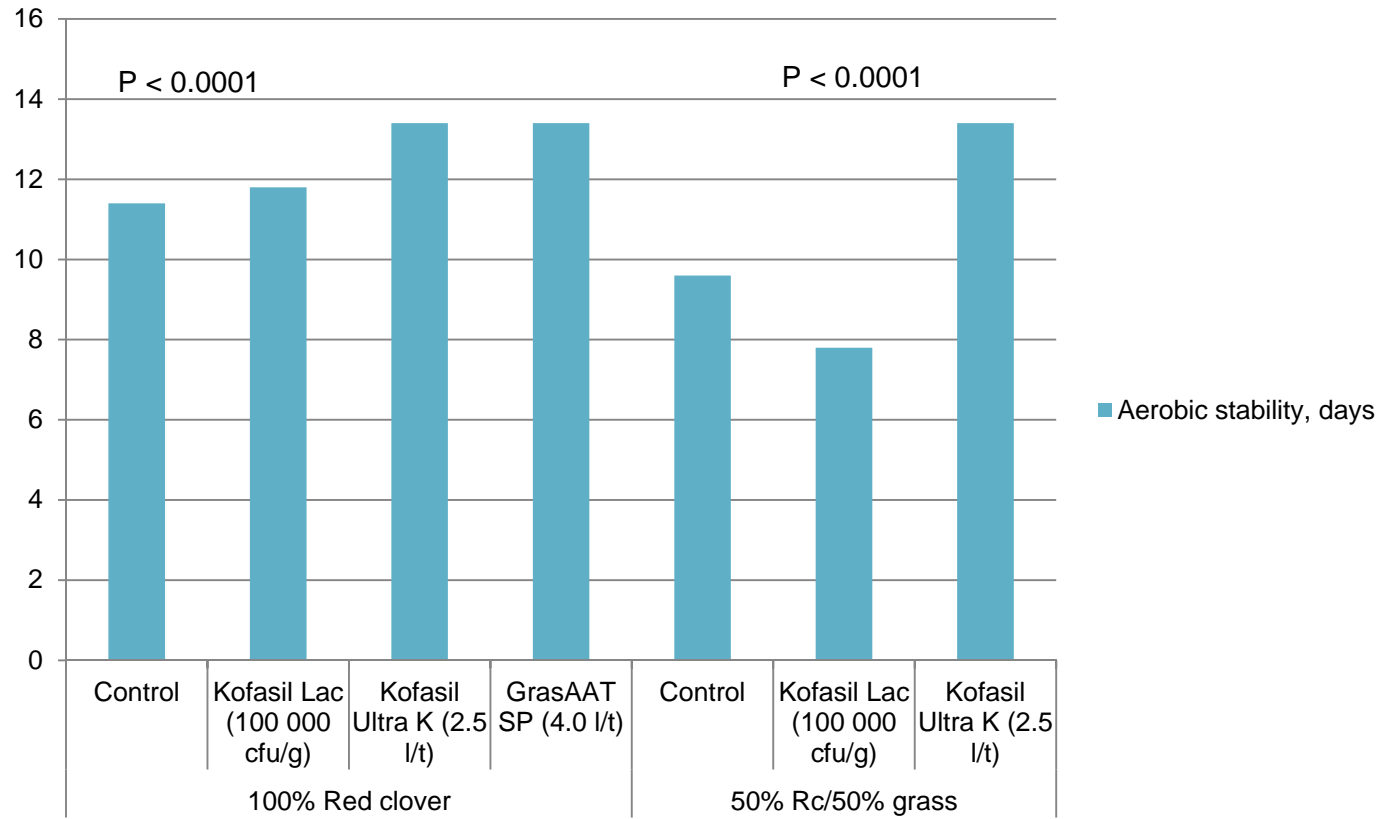
# RESULTS



# RESULTS



# RESULTS

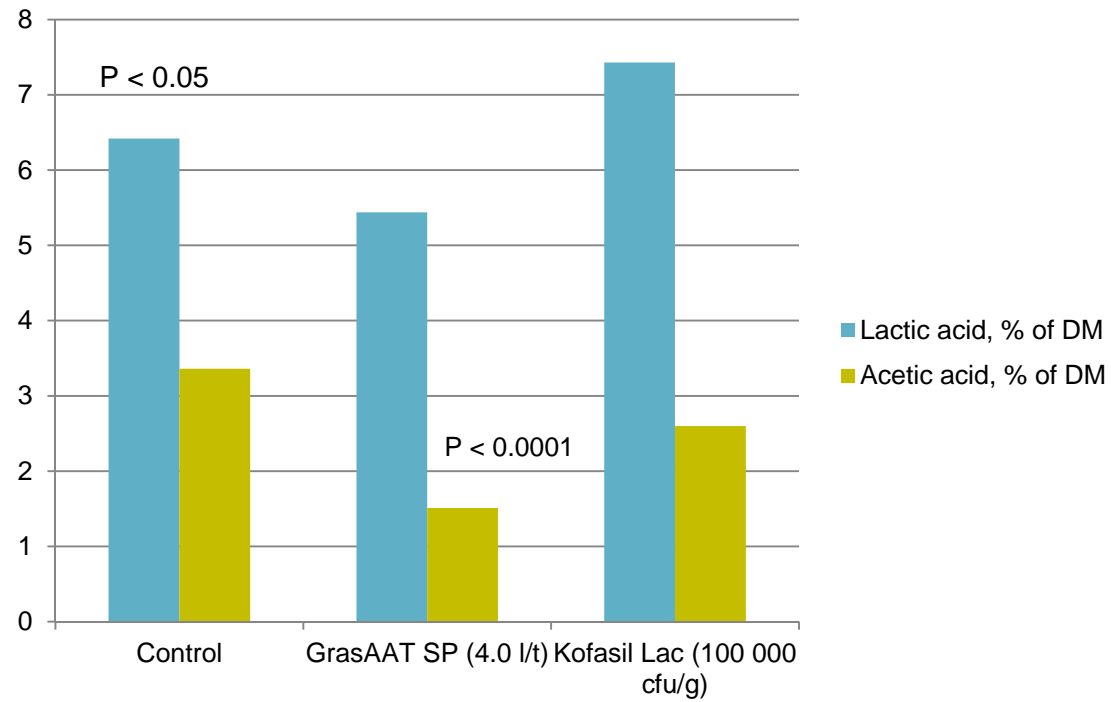
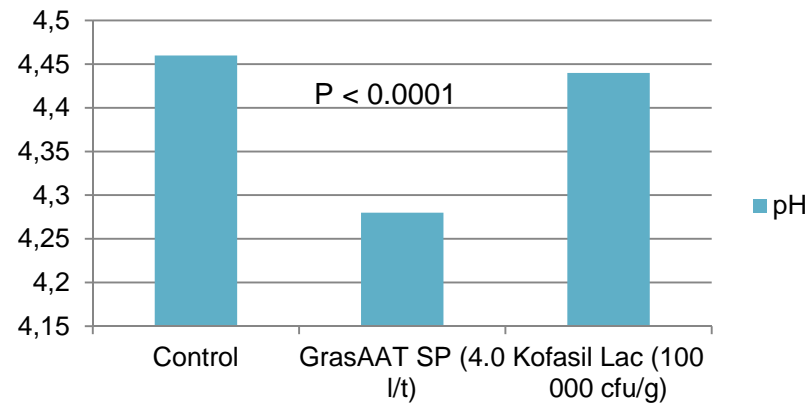


# Materials and Methods

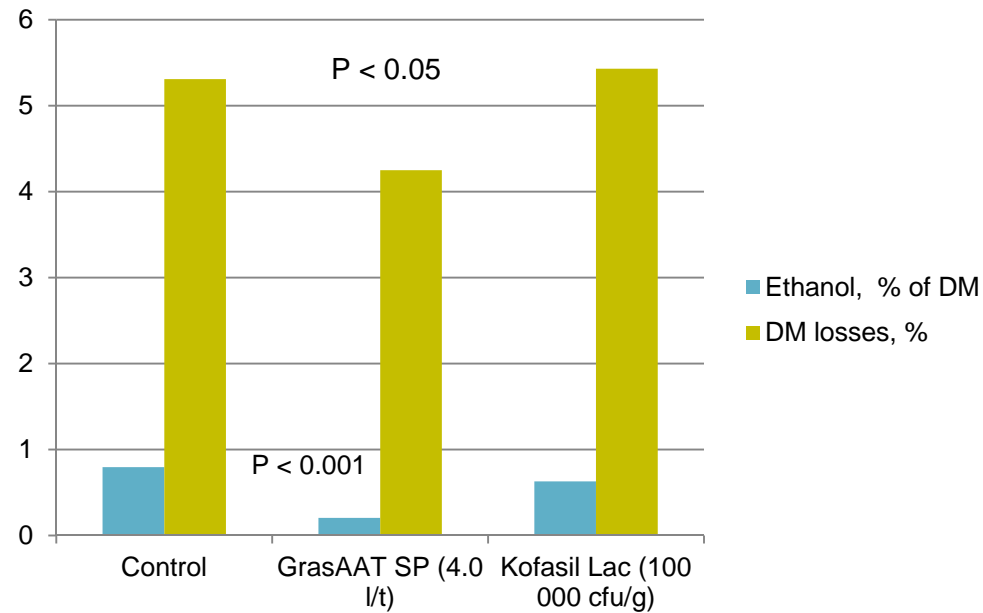
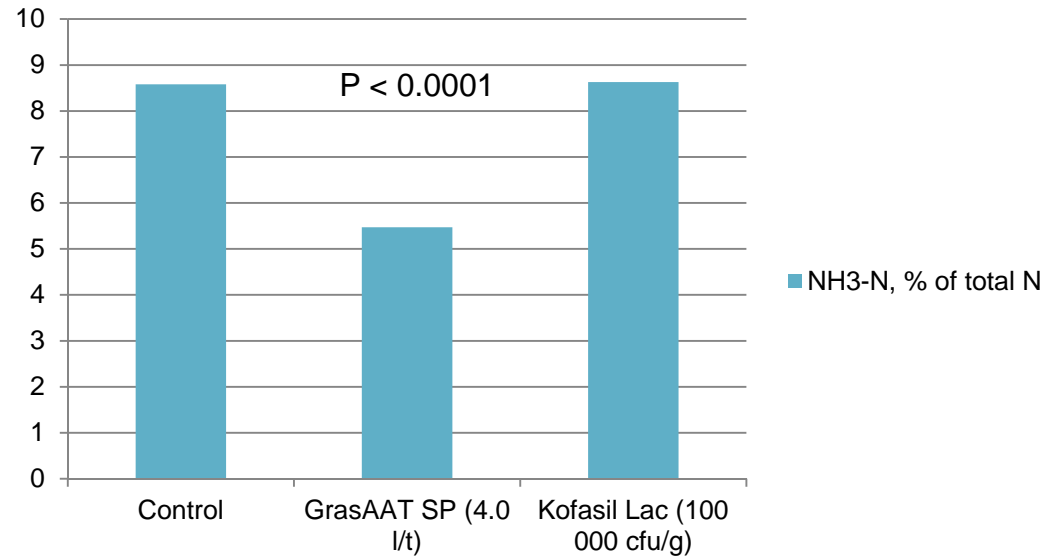
- Lucerne, 39% DM, 21% CP of DM
  - Control
  - GrasAAT SP, 4 l/t
  - Kofasil Lac, 100 000 cfu/g



# RESULTS



# RESULTS





# Acknowledgements



- Börje Ericson, Kungsängen Research Laboratory, SLU
- Kirsten Weiss, Humboldt University, Berlin