

MELITEC TRIAL - DAIRY SHEEP



TECHNA FRANCE
NUTRITION

GROUPE
TECHNA

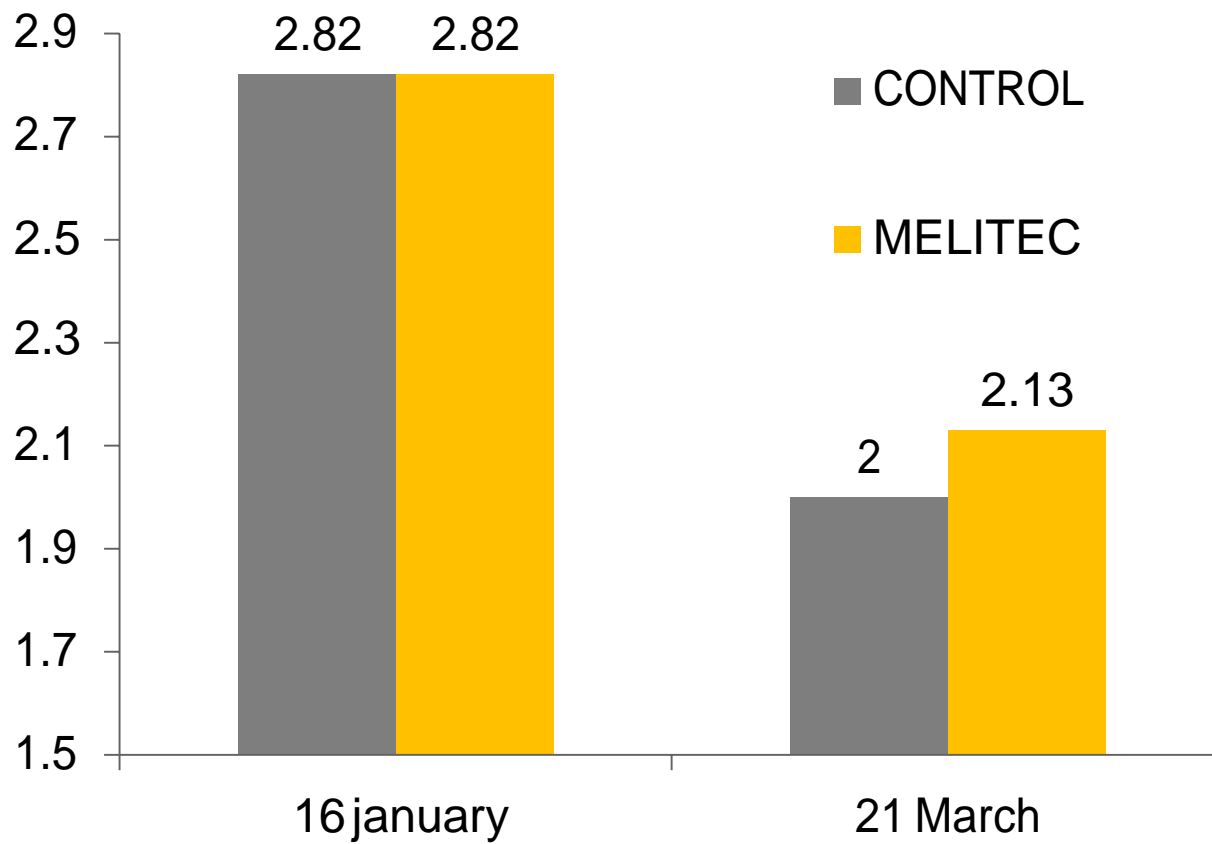
Trial Context



- Period :
 - 16 January 2017
 - 21 March 2017
- **2 groups of dairy LACAUNE ewes (220 animals each), same characteristics:** days in milk, milk production, fat, protein, range of lactation
- **Diet :**

• Silage (Grass+Alfalfa) (15CP,42NDF)	4.5 kg
• Haylage alfalfa 2 nd cut (19CP, 43NDF)	1.2 kg
• Alfalfa hay 3 rd cut (18CP,46NDF)	800 g
• Alfalfa pellet	450 g
• Barley	400 g
• Protein balancer 40% CP	200 à 400 g depending on group of production
- **MELITEC dose : 20 g/sheep/day**

MILK PRODUCTION (kg/day)



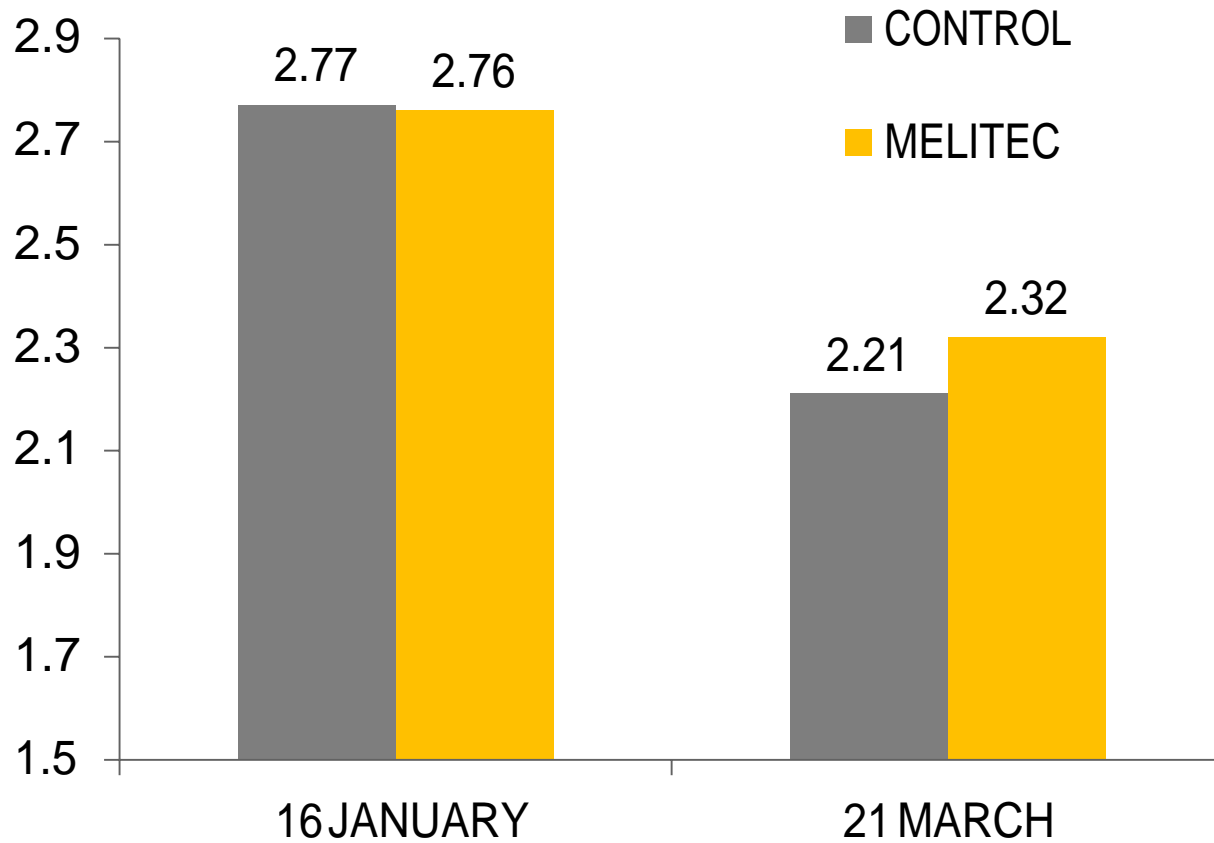
CONTROL: - 815 g

MELITEC: - 694 g

+ 130 g milk

P < 0.01

CORRECTED MILK (50 PROT – 60 FAT)

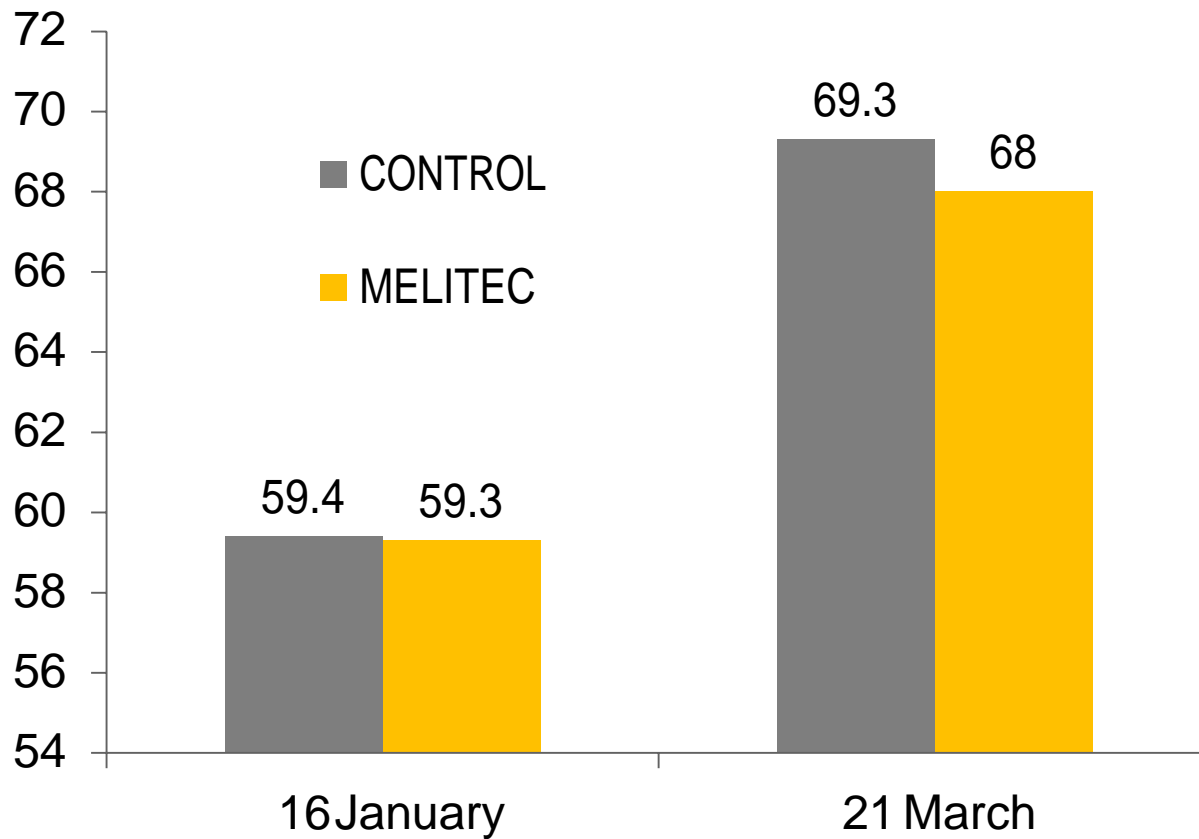


CONTROL : - 560 g
MELITEC : - 435 g

Confirmation + 120 g

P < 0.01

FAT IN MILK (g/kg)

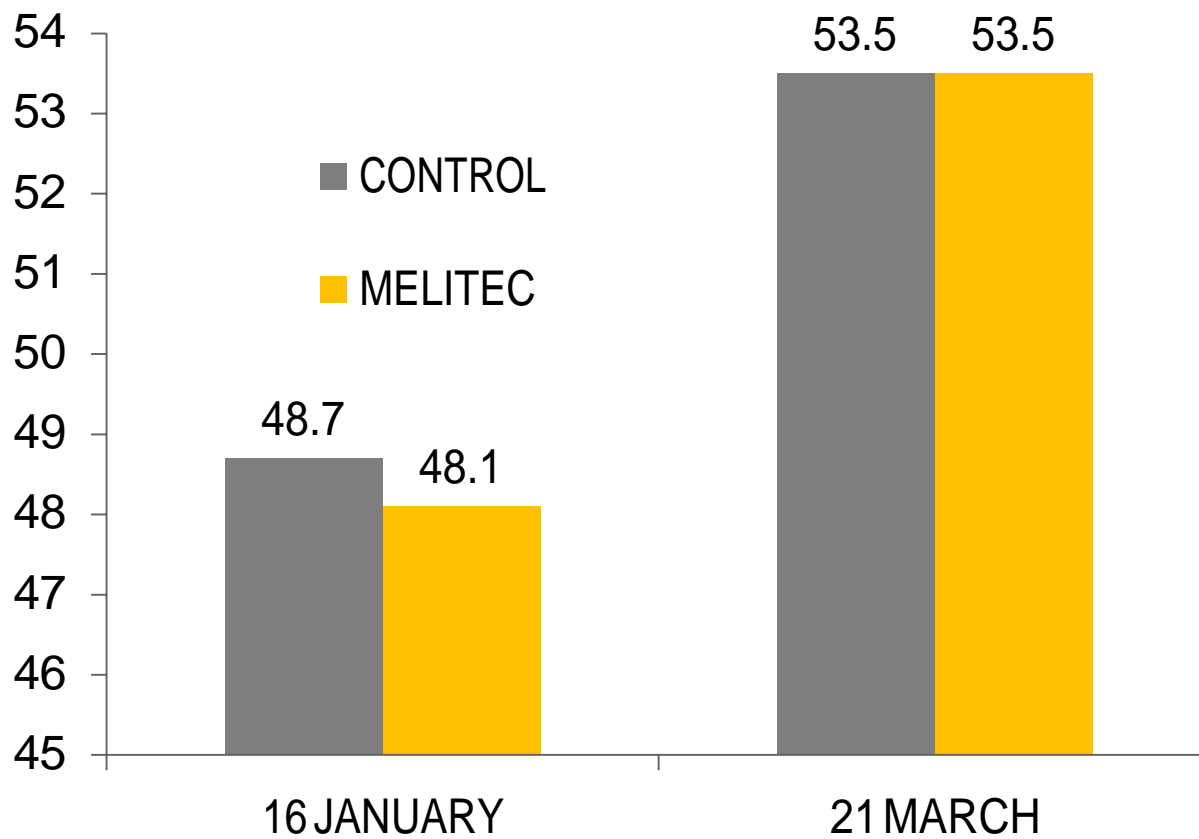


CONTROL: + 9.87 pt
MELITEC: + 8.63 pt

- 1.2 pt TB

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PROTEIN IN MILK

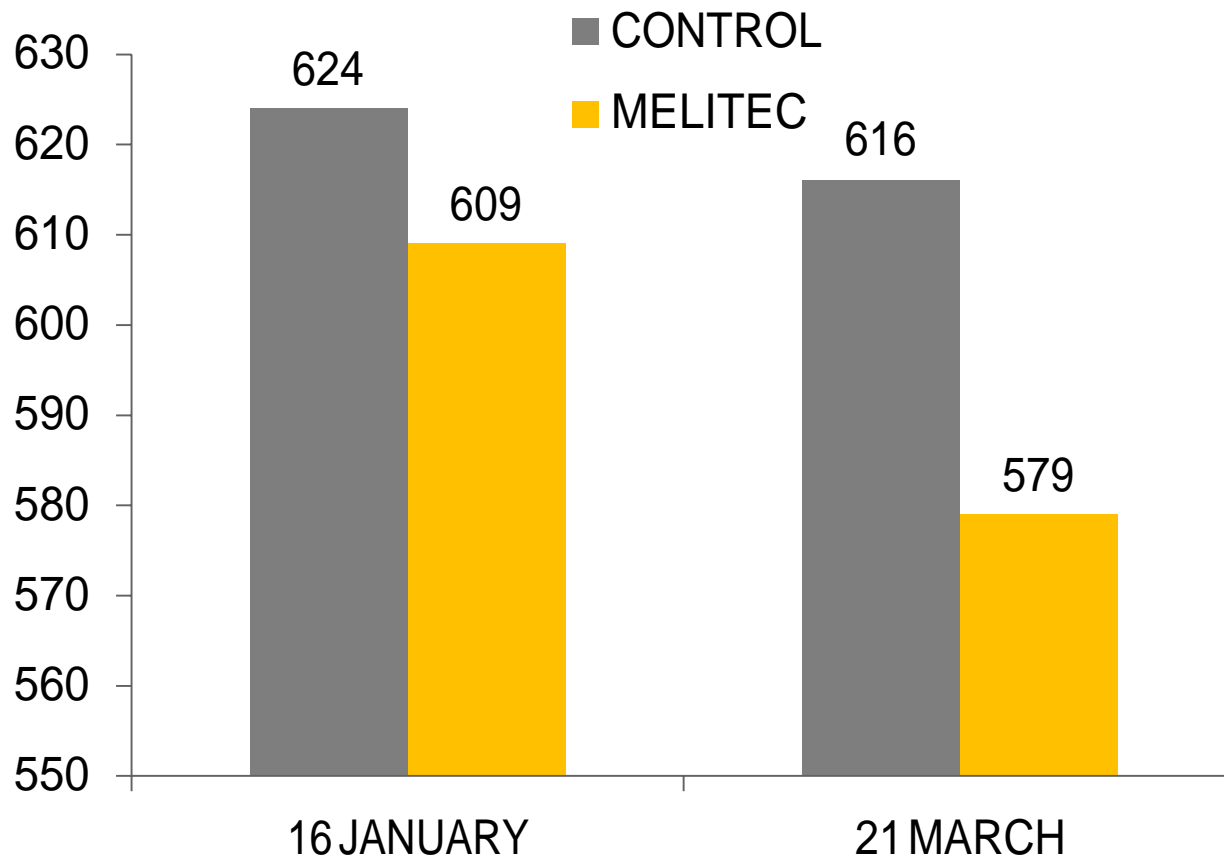


CONTROL: +4.81 pt
MELITEC: +5.43 pt

**Same at end but
different at beginning**

NS

UREAINMILK

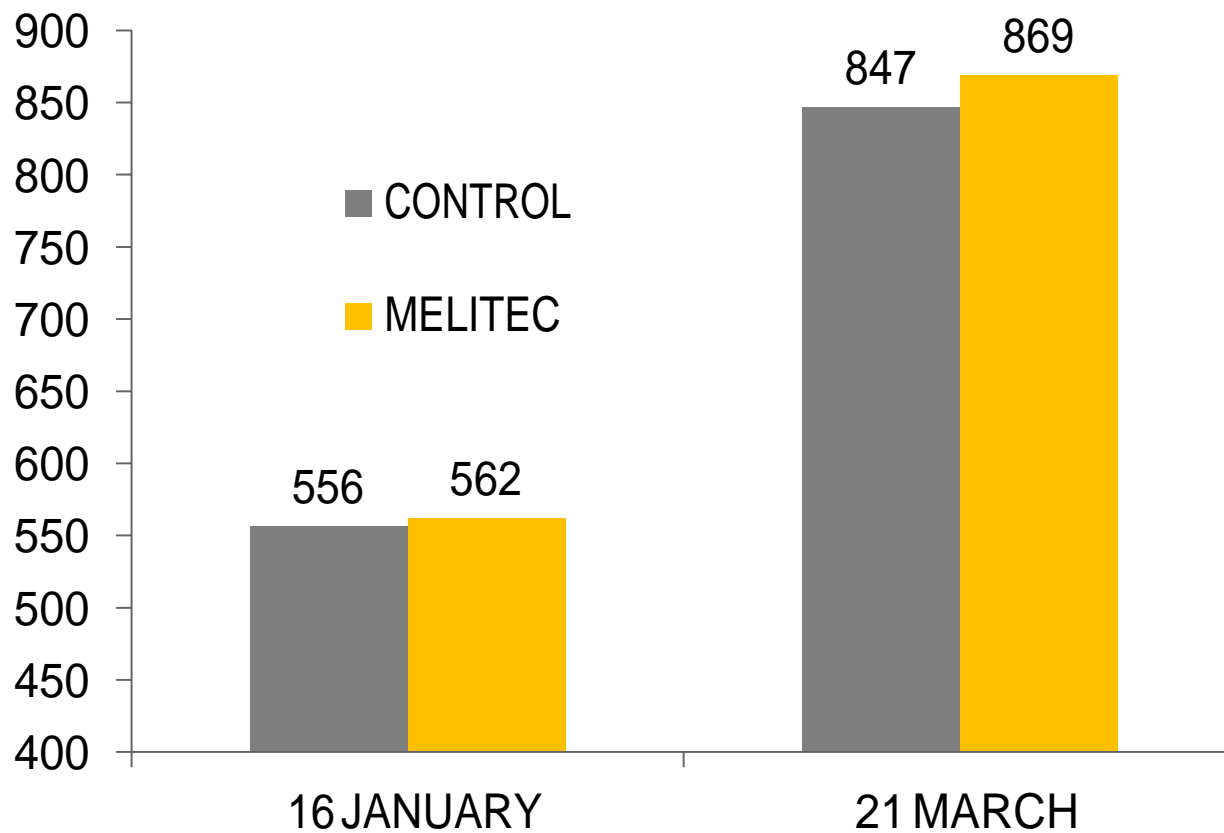


CONTROL: - 7.96 mg/l
MELITEC : - 30.20 mg/l

**Less urea at beginning,
much lower at the end**

P < 0.05

CELLULES SOMATIQUES



No reduction in somatic cell counts, but 7 ewes killed in CONTROL group due to high SCC and none in MELITEC group !!

NS