



## Anwendungsbericht/User Application Report

**Produkt/Product:**  
penergetic t udder care

**Fachberater/Consultant:**  
Penergetic Costa Rica  
Fabricio Alfaro

**Anwender/User:**  
La Fortuna de S. C.  
Costa Rica

**Datum/Date:**  
2015

### Application on Dairy Cows in Costa Rica

The trial took place in two different farms. Farm A observed 9 cows, Farm B observed 12 cows for 28 days.

### Effect of penergetic t udder care on somatic cells in the milk

Dosage

- 4 grs per cow per day for 3 weeks
- 10 grs per cow per day after 3 weeks

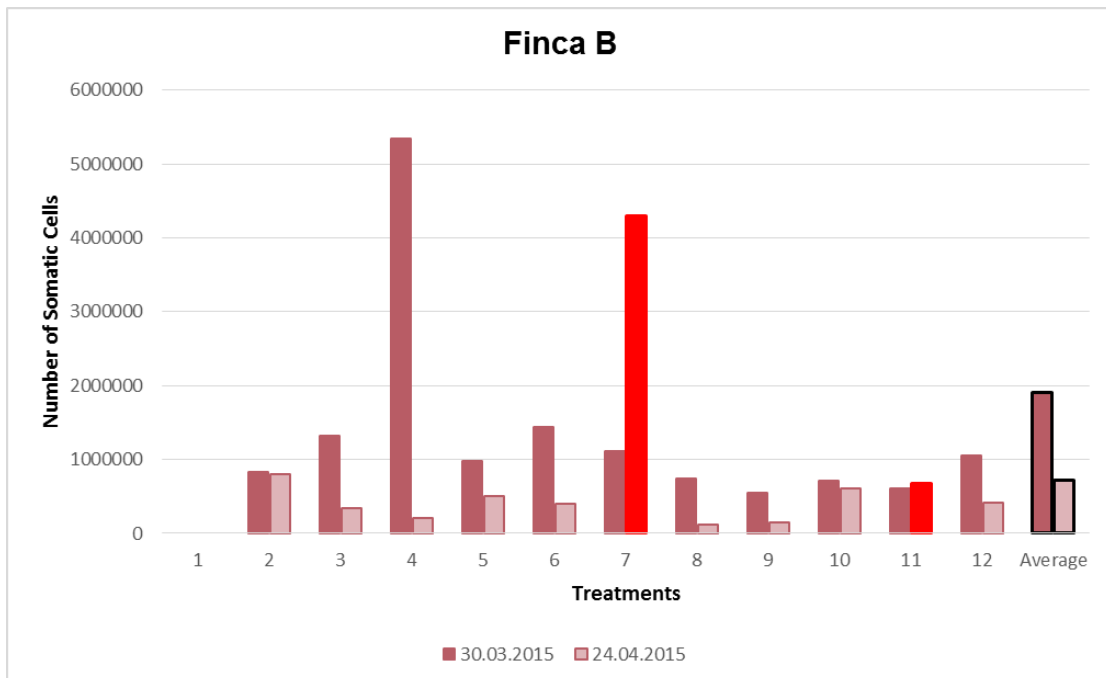
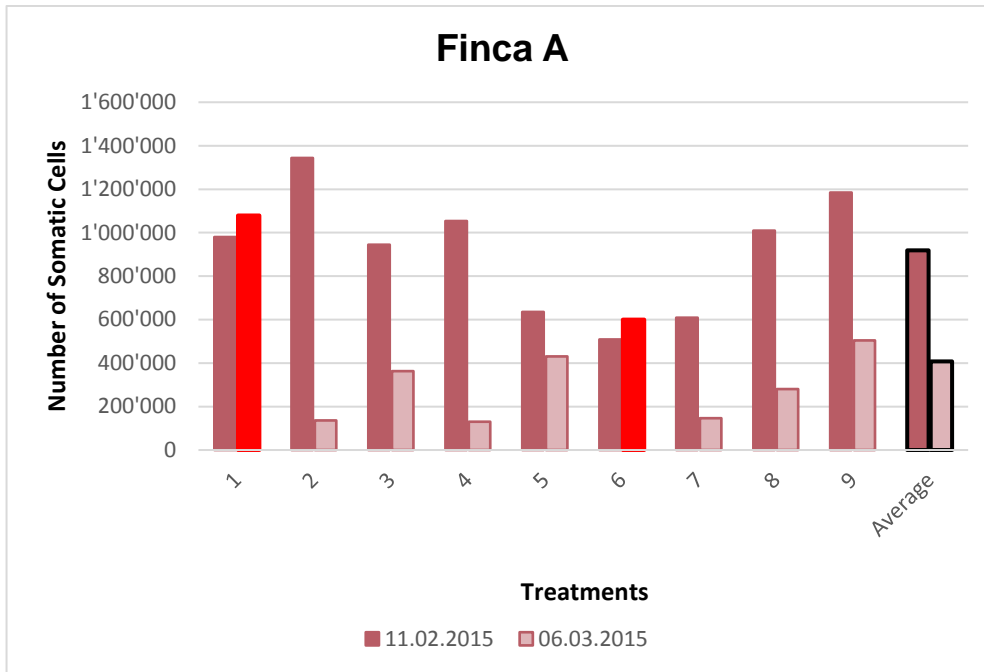
**At the beginning of the trial you can see somatic cell increase, it's because of the effect of free radicals and damage cells being excreted. After 2 weeks you can see very good effect.**

Mastitis can be in many times a genetic situation, that's why some times cows don't respond to any treatment. In each case we had two cows which didn't respond and the somatic cell number increased. We have in Costa Rica a 85% of effectivity with penergetic t udder care.

### Average of somatic cells in both Farms

Treatments	Average at beginning	Average at end	Reduction of S.C.
Farm A	1'905'417	712'650	-63%
Farm B	918'667	407'667	-56%

Figures



The somatic cell number of the first cow in Finca B was 8'151'000 at the beginning and 43'000 at the end. It is not shown in the figure because of the very high number at the beginning, so you wouldn't see the other values.