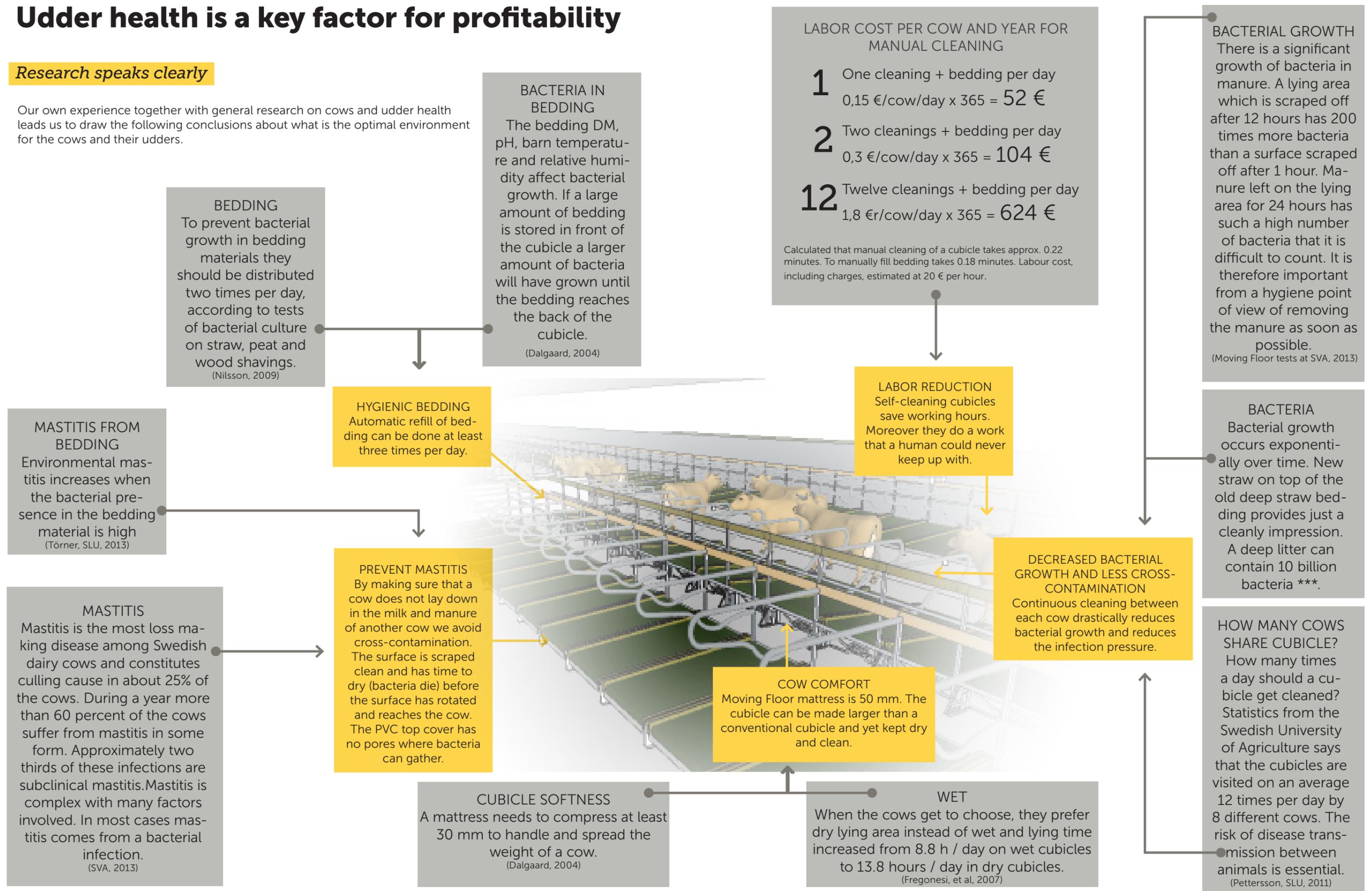


Udder health is a key factor for profitability

Research speaks clearly

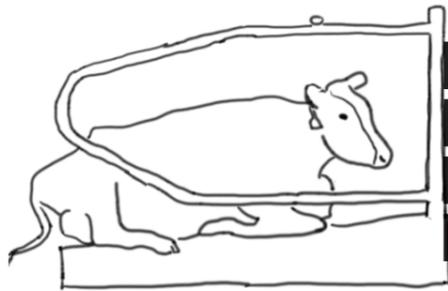
Our own experience together with general research on cows and udder health leads us to draw the following conclusions about what is the optimal environment for the cows and their udders.



Big difference between the systems

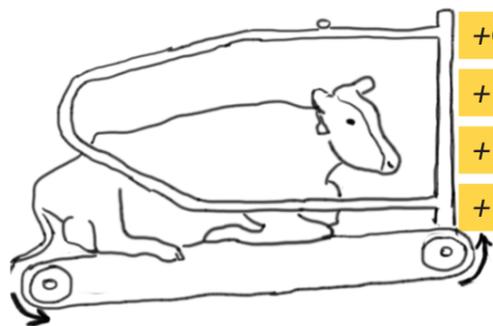
To provide optimum cow environment

Conventional cubicle



- Often visibly clean but actually unclean environment
- Risk of cross-contamination between cows
- Labor intensive system
- Limited space for the cow in order to keep cubicle "clean"

Moving Floor



- + Clean and dry environment
- + Reduction of bacteria and improved udder health
- + Substantial labor savings
- + Increased space for the cow without compromising hygiene

Did you know?

... that it's about what the eye cannot see

AUREUS
Staphylococcus aureus causes approx 25 to 40% of all mastitis and these are also the most loss making and difficult to treat. (Intervacc, 2012)

SPORES
Simulations show that decreased barn hygiene, with dirtier cows at milking, lead to a 3-5 fold higher spore content in tank milk compared with good barn hygiene. (SVA, 2012)

BACTERIA
Bacteria consist of 90% water and can not reproduce in 30-40% humidity. At 30% humidity bacteria die. Bacteria often gather in the pores and porous materials. (Weintraub, KI, 2012)

Test: bacteria growth

Manure was put on a Moving Floor cubicle and two conventional cubicles. Moving Floor Cubicle was cleaned after one hour, one conventional cubicle was cleaned manually after 12 hours and the third and last cubicle was not cleaned at all. 24 hours after starting the test we measured the growth of bacteria on all surfaces. The result is seen below. The test shows the importance of manure being quickly scraped off, if not the bacteria will grow exponentially.

Moving Floor Cubicle, cleaned one time per hour

0 times bacteria growth

Conventional cubicle, cleaned twice per day

200 times bacteria growth

Konventionellt liggbås som rengörs 1 gång per dygn

XXX to high bacteria content: to be measured