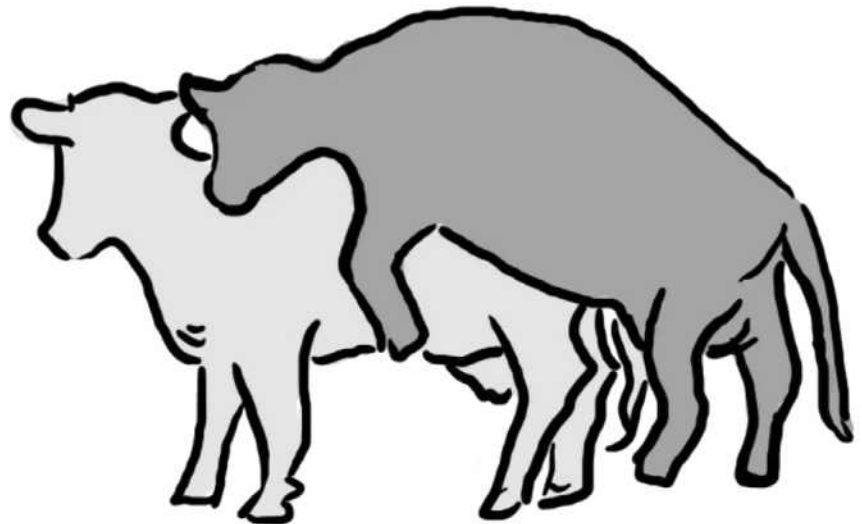
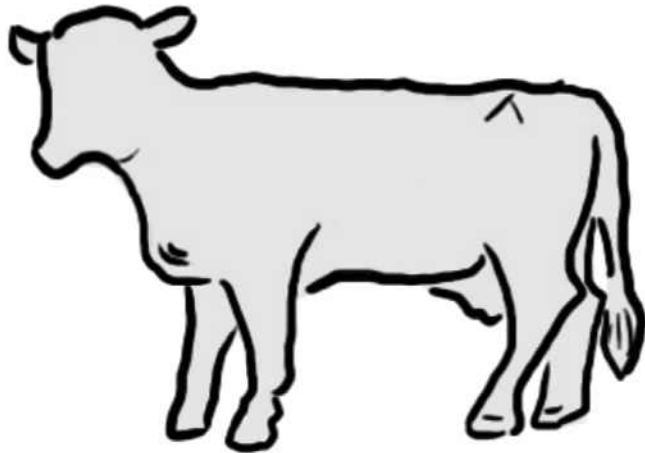


Estrus: basic biology and improving estrous detection

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Time to pin down infertile culprits



One of the biggest issues facing the Australian dairy industry is infertility of the Holstein, says **JOCK MACMILLAN**

MEASURES need to be taken now to reduce the impact of Holstein infertility — and the first step is to recognise there is a problem.

Synchronisation programs that allow timed insemination after a series of five to six injections have not solved the fertility crisis in many American herds.

Only 30 to 35 per cent of cows are being confirmed pregnant to first inseminations.

This means that three straws of semen and up to 18 to 20 injections are needed to produce a single confirmed conception. No dairy industry can sustain the cost of such acute involvement to achieve such a modest outcome.

The American dairy industry has finally faced up to the fact many of its herds have chronic infertility problems.

The American Dairy Herd Improvement Association has clear evidence that dairy fertility rates are not only declining, but



Serious impact: It is claimed the use of US Holstein genetics has reduced fertility.

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TALES FROM ESTRUS



FEATURING...



LORD HIGH
FIXERS



IMPALA



THE DOGS



THE MAKERS

Holstein
Semen



