

DeLaval BCS Automatic Body Condition Scoring

DeLaval DelPro™ and BCS can help you to achieve the following:

Increase
farm
productivity

Maximize
body
scoring
accuracy



Reduce
transition cow
diseases

Reduce
labor and
stress
of manual
scoring

Improve
reproduction
success

Increase
milk yield

Optimize
feeding
strategies





3D view produced by the BCS camera

Why is automatic body condition scoring important?

- **Daily scoring** – all milking cows – see trends and compare with lactation curves.
- **Automatic scoring** – less stress, less labor. Technology is largely unnoticed by COWS.
- **Fully integrated in DelPro Farm Manager** – to help you optimize management.
- **Fine tune your nutrition programs** – optimal nutrition is key to reducing metabolic problems, improving reproduction and achieving higher productivity.

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Highlights from University studies*

- Cows with score above 3.7 at dry-off were more likely to develop **Ketosis** after calving!
- Cows that lost body condition between dry-off and calving were more likely to develop **Subclinical Hypocalcemia** after calving!
- Well conditioned cows at dry-off were less likely to develop **Milk Fever** and **Metritis** after calving!
- Cows that were well conditioned at conception and at 60 days pregnant were less likely to have a **Pregnancy Loss**.
- Cows that lost more than 0.25 score points from calving to conception had higher risk of **Pregnancy Loss**.
- Cows with score above 3.15 at conception and 60 days pregnant were more likely to have a **Full Term**.
- Validation of the DeLaval BCS automatic scores delivering **precision data in 0.1 intervals**.

*Mullins, I. L., C. M. Truman, J. M. Bewley, and J. H. C. Costa. Validation of an Automated Body Condition Scoring Technology for Dairy Cattle. 2018. In: American Dairy Science Association (ADSA) Annual Meeting, 2018, Knoxville, TN, USA.

Truman, C. M. "Automated body condition scoring: progression across lactation and its association with disease and reproduction in dairy cows" MSc thesis, University of Kentucky, 2018.

Truman, C. M., I. L. Mullins, M. L. Falk, J. M. Bewley, and J. H. C. Costa. Automated body condition scoring: Evaluation of effects of BCS around calving on metabolic disease. 2018. American Dairy Science Association (ADSA) Annual Meeting, 2018, Knoxville, TN, USA.



DeLaval BCS Automatic Body Condition Scoring Dairy Farmer's experience



**IT ALL REVOLVES
AROUND YOU**

"I needed help identifying nutrition issues in the herd and finding cows losing condition during lactation. With the BCS we increased milk production and pregnancy rate."

*Brent Oswald – Cottonwood
Holsteins (Manitoba)*

"With the camera we improved timing of breeding, now we are using it for nutrition correction."

*Bob Matzek – Westar
Holsteins
(British Columbia)*



Results in the testimonials have not been verified, and DeLaval does not claim that the results are typical. This document does not constitute a warranty or guarantee of performance.

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