



the most important **MEAL**

HEADSTART® *HiCal* Feeding Trial Results

IMMUNITY RICH - The following lamb feeding trial conducted by Dr. G. SHEPHERD (BVM&S MRCVS, G. Shepherd Animal Health Ltd. Preston, Lancashire, UK) confirms that HEADSTART HiCal™ provides lambs with high levels of immunoglobulins.

A flock of 170 mixed aged ewes was scanned using real time ultrasound to diagnose foetal numbers. Triplet bearing ewes were housed, and immediately after lambing the ewe and her lambs were placed in an individual pen. At 2 to 3 hrs old all the triplet lambs were assessed for "gut-fill" by lifting the lamb by the forelegs and observing the shape and fullness of the abdomen. Lambs that were not considered to be "full" were supplemented with 10g of HEADSTART HiCal™ colostrum powder per kilogram of bodyweight given via oesophageal tube. A second feeding of reconstituted HEADSTART HiCal™ was given at the same dose 3 to 4 hrs later. A blood sample was collected from the lambs at 48-72 hours of age and submitted to a government laboratory for measurement of serum immunoglobulin levels by the Zinc Sulphate Turbidity (ZST) test. Any illness or deaths were recorded. Lambs remained with their mothers in individual lambing pens for a day then were transferred to small grass paddocks.

RESULTS - A total of fifteen lambs were triplets and were supplemented with HEADSTART HiCal™.

Health and Survival. - No illness or deaths were recorded in the lambs by the time they joined the main flock.

Immunoglobulin Levels. - The average ZST level in the 15 lambs fed HEADSTART HiCal™ was 28.9 units, and 14/15 lambs had ZST levels above 20 units. ZST units are similar to grams/L or mg/dL of serum IgG or globulin protein as measured in North America.

The levels seen in the lambs in this trial confirm that supplementing lambs with HEADSTART HiCal™ provided very high levels of immunity.



Manufactured by:
The Saskatoon Colostrum Company Ltd.
www.saskcolostrum.com



Available through:
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