











**Appendix 3
Locomotion Scoring, (Berry, S.L. 2001)**

Locomotion Scoring of Dairy Cattle*

Locomotion scoring is based on the observation of cows standing and walking (gait), with special emphasis on their back posture. This system is intuitive and, therefore, easy to learn and implement. Use of locomotion scoring is effective for early detection of claw (hoof) disorders, monitoring prevalence of lameness, comparing the incidence and severity of lameness between herds and identifying individual cows for functional claw (hoof) trimming.

Animal observations should be made on a flat surface that provides good footing for cows. Cows scoring 2 or 3 should be examined and trimmed to prevent more serious problems. Trimming should be done by a competent trimmer with the goal of returning the claws to functional weight bearing and conformation.

Adapted from Sprecher, D.J.; Hostetler, D.E.; Kaneene, J.B. 1997. Theriogenology 47:1178-1187.

<p>Locomotion Score 1</p> <p><u>Clinical Description:</u> Normal</p> <p><u>Description:</u> Stands and walks normally. All feet placed with purpose.</p>	 <p align="center">Back Posture Standing: Flat</p>	 <p align="center">Back Posture Walking: Flat</p>
<p>Locomotion Score 2</p> <p><u>Clinical Description:</u> Mildly Lamé</p> <p><u>Description:</u> Stands with flat back, but arches when walks. Gait is slightly abnormal.</p>	 <p align="center">Back Posture Standing: Flat</p>	 <p align="center">Back Posture Walking: Arched</p>
<p>Locomotion Score 3</p> <p><u>Clinical Description:</u> Moderately Lamé</p> <p><u>Description:</u> Stands and walks with an arched back. Short strides with one or more legs.</p>	 <p align="center">Back Posture Standing: Arched</p>	 <p align="center">Back Posture Walking: Arched</p>
<p>Locomotion Score 4</p> <p><u>Clinical Description:</u> Lamé</p> <p><u>Description:</u> Arched back standing and walking. One or more limbs favored but at least partially weight bearing.</p>	 <p align="center">Back Posture Standing: Arched</p>	 <p align="center">Back Posture Walking: Arched</p>
<p>Locomotion Score 5</p> <p><u>Clinical Description:</u> Severely Lamé</p> <p><u>Description:</u> Arched back, refuses to bear weight on one limb. May refuse or have great difficulty moving from laying position..</p>	 <p align="center">Back Posture Standing: Arched</p>	 <p align="center">Back Posture Walking: Arched</p>