

# APPENDIX

## Appendix 1

### Lameness Questionnaire 1

Dear Participant

This questionnaire is part of my PhD thesis. I am conducting a survey to gather information about “factors associated with predisposing of lameness and prevention of lameness in dairy herds in Iran.”

Your expertise in this field would be invaluable.

Your input will significantly contribute to our study if you could take a few minutes to answer the following three questions.

- A. How long have you been in the field of cattle lameness?
  
- B. According to your knowledge and experience, what are the factors associated with lameness on industrial dairy farms in Iran?
  - 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.Other items (If necessary)
  
- C. What are the factors associated with prevention of lameness on industrial dairy farms in Iran?
  - 1.
  - 2.
  - 3.
  - 4.
  - 5.
  - 6.
  - 7.
  - 8.
  - 9.
  - 10.Other items (If necessary)

Your participation is highly appreciated. Thank you in advance for your time and valuable feedback.

## Appendix 2

### Lameness Questionnaire 2

Dear Participant

This questionnaire is part of my PhD thesis. I am conducting a survey to gather information about “factors associated with predisposing of lameness and prevention of lameness in dairy herds in Iran.” Your expertise in this field would be invaluable.

**Note:** Rank lameness risk factors and prevention factors in dairy farms by assigning a score from 1 (low) to 5 (high). Additionally, feel free to include any additional factors you believe are relevant.

Factors associated with lameness	Score (1-5)				
	1	2	3	4	5
Free stall design					
Flooring and alleys					
Nutrition					
Heat stress					
Season					
Stocking density					
Incorrected hoof trimming					
Infectious lesions					
Insufficient rest time					
Systemic infections					
Other items (If necessary)					

Factors associated with the prevention of lameness	Score (1-5)				
	1	2	3	4	5
Correct hoof trimming					
Management of heat stress					
Management of the transition period (i.e., $\pm 3$ weeks of calving)					
Repairing the flooring and alleys					
Reviewing and repairing the free stall design in standard dimensions					
Improvement and modification of the water, feed pad, and other facilities in the pen					
Supplements adjustment (copper, cobalt, zinc, manganese, ...)					
Improving the farm hygienic					
Increasing resting times and comfort					
locomotion scoring time adjustment					
Other items (If necessary)					

Your participation is highly appreciated. Thank you in advance for your time and valuable feedback.