

**Supplementary Material S1: Copy of questionnaire provided to the farmers of finishing  
beef cattle**

**Farmers' questionnaire**

Date of farm visit \_\_\_\_\_

**FARM DETAILS:**

Farm denomination: \_\_\_\_\_

Farm identification code: \_\_\_\_\_ Address: \_\_\_\_\_

**BATCH INFORMATION:**

Batch identification number at slaughter: \_\_\_\_\_

No. of animals monitored at slaughter \_\_\_\_\_ with a total of No. animals \_\_\_\_\_ slaughtered  
the same day

Date of arrival to the farm of the batch of animals monitored at slaughter \_\_\_\_\_

**BARN CHARACTERISTICS:**

	multiple choice or unit	barn type 1	barn type 2
<b>BARN AND PEN</b>			
barn structure	open/close <sup>1</sup>		
flooring system	deep litter/concrete floor		
pen dimensions	m <sup>2</sup>		
pen length	m		
pen manger	m		
animals/pen	No.		
manger space/animal	cm/animal		
drinkers/pen	No.		
<b>FLOORING SYSTEM</b>			
• deep litter:			
Materials			
renewal frequency	No./week		
Litter change frequency	No./month		
• slatted floor:			
type of slot openings	fully-slatted/perforated		
rubber mats on top of the slats	yes/no		
<b>MANAGEMENT DEVICES</b>			
movement alleys	yes/no		
ventilation system	yes/no		
type of ventilation system			

<sup>1</sup>open: one lateral side of the barn completely opened or barn closed with large openings in both lateral sides;  
close: barn closed with small/medium openings in both lateral sides.

**HEALTH STATUS of the batch of animals monitored at slaughter:**

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Emergency slaughters/batch	No. of animals _____
Mortality/batch	No. of animals _____
Treatment for lameness/batch	No. of animals _____
Treatment for respiratory diseases/batch	No. of animals _____

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**OTHER INFORMATION:**

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Involvement of a practitioner in charge of cattle nutrition	yes/no
Dietary chemical analysis	yes/no
Frequency of dietary chemical analyses	No./year _____
Type of dietary analysis	_____
Silage chemical analysis	yes/no
Frequency of silage chemical analyses	No./year _____
Type of silage analysis	_____

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