

**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
BARN AND PEN			
barn structure	open/close ¹		
flooring system	deep litter/concrete floor		
pen dimensions	m ²		
pen length	m		
pen manger	m		
animals/pen	No.		
manger space/animal	cm/animal		
drinkers/pen	No.		
FLOORING SYSTEM			
• 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		
MANAGEMENT DEVICES			
movement alleys	yes/no		
ventilation system	yes/no		
type of ventilation system			

¹open: 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:

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 _____

OTHER INFORMATION:

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	_____
