SHEEP

Scenario 1 - Current practice and castration

Welfare principle	Welfare criteria	Welfare criteria description	Expert 1 Weight & Value From Panel	Expert 2 Weight & Value From Panel	Expert 3 Weight & Value From Panel	Expert 4 Weight & Value From Panel	Expert 5 Weight & Value From Panel	Expert 6 Weight & Value From Panel	Expert 7 Weight & Value From Panel	Expert 8 Weight & Value From Panel	Expert 9 Weight & Value From Panel	Expert 10 Weight & Value From Panel	Expert 11 Weight & Value From Panel	Expert 12 Weight & Value From Panel	Expert 13 Weight & Value From Panel	Welfare Score Scenario 1 current practice	Mean Expert Score
Good feeding	1	Provision and access to fresh drinkable water appropriate to the needs of the animal and quality of appropriate foodstuffs for health and wellbeing	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90.00	90.00
	2	Provision and access to water. Animals should have appropriate freedom for the quantity and quality of water for health and wellbeing	80	80	70	80	90	80	80	80	80	80	80	80	80	80	79.69	
Good housing	3	Animals should have comfort when resting	70	70	70	80	80	70	70	80	80	70	70	70	70	70	72.50	75.00
	4	Animals should have thermal comfort during resting and when on the move	70	70	60	70	70	80	80	70	70	80	80	70	70	70	72.50	
Good housing	5	Animals should have sufficient space to move freely	80	90	70	80	80	90	90	80	80	90	90	90	90	90	84.38	84.38
Good housing	6	Animals should be free from injuries and disease	60	70	60	80	80	70	70	80	80	70	70	70	70	70	70.00	64.58
	7	Animals should be free from disease, including metabolic conditions, with high standards of health care and hygiene	70	70	60	70	70	70	70	70	70	70	70	70	70	70	67.50	
	8	Animals should not suffer pain - for example as a result of pain management, handling, surgical or other procedures, slaughter etc	70	70	50	60	70	60	70	60	70	60	60	60	60	60	67.50	
Appropriate behaviour	9	Animals should be able to express normal, non-harmful social behaviours such as grooming and social bonding	60	70	70	60	70	60	70	60	70	60	60	60	60	60	70.00	65.00
	10	Animals should be able to express other normal behaviours by freedom of movement	70	70	70	70	70	60	60	60	70	60	60	60	60	60	70.00	
	11	Animals should be handled well with positive and not negative experiences	60	70	60	80	70	70	70	70	70	60	60	60	60	60	68.50	
	12	Animals should not be subjected to prolonged fear or distress in relation to the human-human/ animal-animal relationship	70	70	70	80	70	60	60	60	70	60	60	60	60	60	65.00	
	13	Animals should have an overall good quality of life and a positive affective states for animals	70	70	70	80	70	60	60	60	70	60	60	60	60	60	65.00	
Mean value			68.46	69.23	63.08	73.85	73.08	70.00	72.31	69.23	73.85	66.92	66.92	66.92	66.92	66.92	69.38	66.67

Scenario 2 - Castration with pain relief

Welfare principle	Welfare criteria	Welfare criteria description	Expert 1 Weight & Value From Panel	Expert 2 Weight & Value From Panel	Expert 3 Weight & Value From Panel	Expert 4 Weight & Value From Panel	Expert 5 Weight & Value From Panel	Expert 6 Weight & Value From Panel	Expert 7 Weight & Value From Panel	Expert 8 Weight & Value From Panel	Expert 9 Weight & Value From Panel	Expert 10 Weight & Value From Panel	Expert 11 Weight & Value From Panel	Expert 12 Weight & Value From Panel	Expert 13 Weight & Value From Panel	Welfare Score Scenario 2	Mean Expert Score
Good feeding	1	Provision and access to fresh drinkable water appropriate to the needs of the animal and quality of appropriate foodstuffs for health and wellbeing	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90.00	90.00
	2	Provision and access to water. Animals should have appropriate freedom for the quantity and quality of water for health and wellbeing	70	80	70	80	90	80	80	80	80	80	80	80	80	80	77.81	
Good housing	3	Animals should have comfort when resting	60	70	60	80	80	70	70	80	80	70	70	70	70	70	69.69	74.38
	4	Animals should have thermal comfort during resting and when on the move	70	70	60	70	70	80	80	70	70	80	80	70	70	70	68.50	
Good housing	5	Animals should have sufficient space to move freely	80	90	70	80	80	90	90	80	80	90	90	90	90	90	86.56	86.56
Good health	6	Animals should be free from injuries and disease	60	70	60	80	80	70	70	80	80	70	70	70	70	70	68.50	59.27
	7	Animals should be free from disease, including metabolic conditions, with high standards of health care and hygiene	70	70	60	70	70	70	70	70	70	70	70	70	70	70	68.50	
	8	Animals should not suffer pain - for example as a result of pain management, handling, surgical or other procedures, slaughter etc	50	70	50	60	70	60	70	60	70	60	60	60	60	60	65.44	
Appropriate behaviour	9	Animals should be able to express normal, non-harmful social behaviours such as grooming and social bonding	60	70	70	60	70	60	70	60	70	60	60	60	60	60	70.00	65.00
	10	Animals should be able to express other normal behaviours by freedom of movement	60	70	70	70	70	60	60	60	70	60	60	60	60	60	70.00	
	11	Animals should be handled well with positive and not negative experiences	50	70	60	80	70	70	70	70	70	60	60	60	60	60	68.50	
	12	Animals should not be subjected to prolonged fear or distress in relation to the human-human/ animal-animal relationship	60	70	70	80	70	60	60	60	70	60	60	60	60	60	65.00	
	13	Animals should have an overall good quality of life and a positive affective states for animals	60	70	70	80	70	60	60	60	70	60	60	60	60	60	65.00	
Mean value			64.23	69.23	63.08	73.85	73.08	70.00	72.31	69.23	73.85	66.92	66.92	66.92	66.92	66.92	69.38	67.19

Point difference Sce 4 current practice and castration with pain relief (scenarios 1 and 2)	Expert 1 Weight & Value From Panel	Expert 2 Weight & Value From Panel	Expert 3 Weight & Value From Panel	Expert 4 Weight & Value From Panel	Expert 5 Weight & Value From Panel	Expert 6 Weight & Value From Panel	Expert 7 Weight & Value From Panel	Expert 8 Weight & Value From Panel	Expert 9 Weight & Value From Panel	Expert 10 Weight & Value From Panel	Expert 11 Weight & Value From Panel	Expert 12 Weight & Value From Panel	Expert 13 Weight & Value From Panel	Welfare Score Scenario 1 and 2
Provision and access to fresh drinkable water appropriate to the needs of the animal and quality of appropriate foodstuffs for health and wellbeing	-4	0	0	0	0	0	0	0	0	0	0	0	0	0
Provision and access to water. Animals should have appropriate freedom for the quantity and quality of water for health and wellbeing	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should have comfort when resting	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should have thermal comfort during resting and when on the move	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should have sufficient space to move freely	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should be free from injuries and disease	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should be free from disease, including metabolic conditions, with high standards of health care and hygiene	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should not suffer pain - for example as a result of pain management, handling, surgical or other procedures, slaughter etc	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should be able to express normal, non-harmful social behaviours such as grooming and social bonding	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should be able to express other normal behaviours by freedom of movement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should be handled well with positive and not negative experiences	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should not be subjected to prolonged fear or distress in relation to the human-human/ animal-animal relationship	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Animals should have an overall good quality of life and a positive affective states for animals	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Scenario 3 - No castration

Welfare principle	Welfare criteria	Welfare criteria description	Expert 1 Weight & Value From Panel	Expert 2 Weight & Value From Panel	Expert 3 Weight & Value From Panel	Expert 4 Weight & Value From Panel	Expert 5 Weight & Value From Panel	Expert 6 Weight & Value From Panel	Expert 7 Weight & Value From Panel	Expert 8 Weight & Value From Panel	Expert 9 Weight & Value From Panel	Expert 10 Weight & Value From Panel	Expert 11 Weight & Value From Panel	Expert 12 Weight & Value From Panel	Expert 13 Weight & Value From Panel	Welfare Score Scenario 3	Mean Expert Score
Good feeding	1	Provision and access to fresh drinkable water appropriate to the needs of the animal and quality of appropriate foodstuffs for health and wellbeing	90	90	70	90	90	70	70	90	90	70	70	70	70	70	80.00	79.69
	2	Provision and access to water. Animals should have appropriate freedom for the quantity and quality of water for health and wellbeing	80	80	70	80	90	80	80	80	80	80	80	80	80	80	77.50	
Good housing	3	Animals should have comfort when resting	70	80	70	80	80	70	70	80	80	70	70	70	70	70	74.38	74.38
	4	Animals should have thermal comfort during resting and when on the move	70	80	70	80	80	70	70	80	80	70	70	70	70	70	74.38	
Good housing	5	Animals should have sufficient space to move freely	70	90	70	80	80	90	90	80	80	90	90	90	90	90	84.38	84.38
Good health	6	Animals should be free from injuries and disease	70	70	60	80	80	70	70	80	80	70	70	70	70	70	72.50	62.50
	7	Animals should be free from disease, including metabolic conditions, with high standards of health care and hygiene	70	70	60	70	70	70	70	70	70	70	70	70	70	70	70.00	
	8	Animals should not suffer pain - for example as a result of pain management, handling, surgical or other procedures, slaughter etc	60	70	50	60	70	60	70	60	70	60	60	60	60	60	62.50	
Appropriate behaviour	9	Animals should be able to express normal, non-harmful social behaviours such as grooming and social bonding	50	80	70	60	70	60	70	60	70	60	60	60	60	60	70.00	65.00
	10	Animals should be able to express other normal behaviours by freedom of movement	50	80	70	70	70	60	60	60	70	60	60	60	60	60	70.00	
	11	Animals should be handled well with positive and not negative experiences	50	80	60	80	70	70	70	70	70	60	60	60	60	60	70.00	
	12	Animals should not be subjected to prolonged fear or distress in relation to the human-human/ animal-animal relationship	50	70	70	80	70	60	60	60	70	60	60	60	60	60	65.00	
	13	Animals should have an overall good quality of life and a positive affective states for animals	50	70	70	80	70	60	60	60	70	60	60	60	60	60	65.00	
Mean value			63.85	78.46	66.92	76.92	76.92	66.92	68.46	73.85	76.92	66.92	66.92	66.92	66.92	66.92	72.50	69.23

Point difference Sce 4 current practice and no castration (Scenarios 1 and 3)	Expert 1 Weight & Value From Panel	Expert 2 Weight & Value From Panel	Expert 3 Weight & Value From Panel	Expert 4 Weight & Value From Panel	Expert 5 Weight & Value From Panel	Expert 6 Weight & Value From Panel	Expert 7 Weight & Value From Panel	Expert 8 Weight & Value From Panel	Expert 9 Weight & Value From Panel	Expert 10 Weight & Value From Panel	Expert 11 Weight & Value From Panel	Expert 12 Weight & Value From Panel	Expert 13 Weight & Value From Panel	Welfare Score Scenario 1 current practice	Welfare Score Scenario 3 no castration	Difference Sce 1 and Sce 3 (castration vs no castration)
Provision and access to fresh drinkable water appropriate to the needs of the animal and quality of appropriate foodstuffs for health and wellbeing	0	0	10	0	0	0	0	0	0	0	0	0	0	90.00	80.00	-10
Provision and access to water. Animals should have appropriate freedom for the quantity and quality of water for health and wellbeing	0	0	0	0	0	0	0	0	0	0	0	0	0	79.06	77.50	-2
Animals should have comfort when resting	0	0	10	0	0	0	0	0	0	0	0	0	0	67.19	74.38	10
Animals should have thermal comfort during resting and when on the move	0	0	10	0	0	0	0	0	0	0	0	0	0	72.81	74.38	2
Animals should have sufficient space to move freely	0	0	0	0	0	0	0	0	0	0	0	0	0	84.38	84.38	0
Animals should be free from injuries and disease	0	0	0	0	0	0	0	0	0	0	0	0	0	67.19	72.50	5
Animals should be free from disease, including metabolic conditions, with high standards of health care and hygiene	0	0	0	0	0	0	0	0	0	0	0	0	0	67.19	70.00	3
Animals should not suffer pain - for example as a result of pain management, handling, surgical or other procedures, slaughter etc	10	0	10	0	0	0	0	0	0	0	0	0	0	68.54	62.50	-6
Animals should be able to express normal, non-harmful social behaviours such as grooming and social bonding	10	0	10	0	0	0	0	0	0	0	0	0	0	71.50	70.00	-1.50
Animals should be able to express other normal behaviours by freedom of movement	10	0	10	0	0	0	0	0	0	0	0	0	0	69.17	70.00	0.83
Animals should be handled well with positive and not negative experiences	10	0	10	0	0	0	0	0	0	0	0	0	0	68.91	70.00	1.09
Animals should not be subjected to prolonged fear or distress in relation to the human-human/ animal-animal relationship	0	0	0	0	0	0	0	0	0	0	0	0	0	70.00	65.00	-5
Animals should have an overall good quality of life and a positive affective states for animals	0	0	0	0	0	0	0	0	0	0	0	0	0	70.00	65.00	-5
														69.96	71.54	1.58