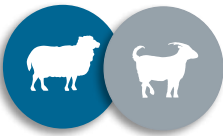


Immunization For Sheep and Goats



Animals that have not been immunized before

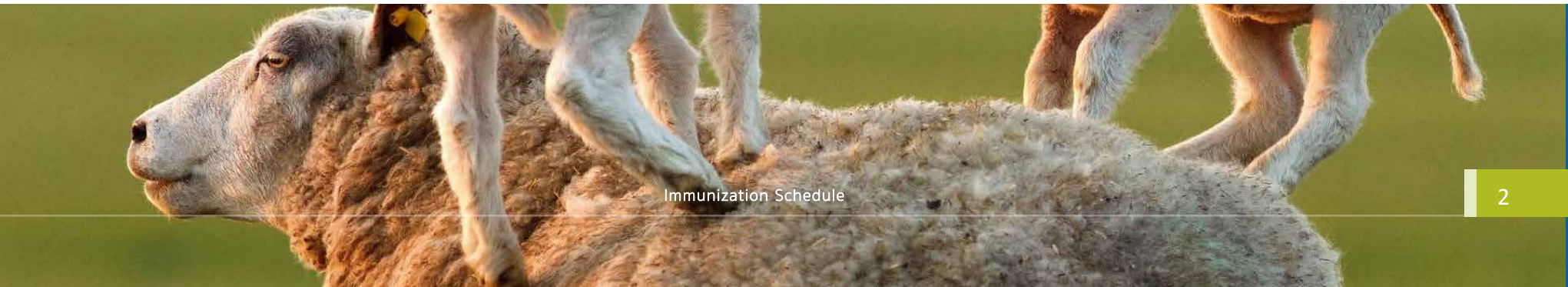
Initial vaccination must be done according to management and breeding programs on a specific farm. The following schedule can be changed to fit specific farm needs.

 Time of administration	 Essential vaccines	Packshot vaccines	 Additional vaccines	 Dose and route
9 weeks before breeding season	Bluetongue (Sheep only) (Ewes)			1 ml subcutaneously
Just after the breeding season	Bluetongue (Sheep only) (Rams)			1 ml subcutaneously
At 6 months	Bluetongue (Sheep only)			1 ml subcutaneously
4 - 6 weeks before breeding season	Rift Valley Fever (Live or Inactivated)			1 ml subcutaneously
	Chlamysure (Chlamydia)			1 ml subcutaneously
			Gas Gangrene (Rams)	2 ml subcutaneously





 Time of administration	 Essential vaccines	Packshot vaccines	 Additional vaccines	 Dose and route
6 - 10 weeks before the lambing season			Blue udder (1st injection)	2 mℓ subcutaneously
			Tetanus (1st injection)	1 mℓ subcutaneously
			Lamb dysentery (1st injection)	2 mℓ subcutaneously
2 - 4 weeks before the lambing season			Blue udder (2nd injection)	2 mℓ subcutaneously
			Tetanus (2nd injection)	1 mℓ subcutaneously
			Lamb dysentery (2nd injection)	2 mℓ subcutaneously
			<i>Escherichia coli</i>	2 mℓ intramuscularly



Immunization For Sheep and Goats



 Time of administration	 Essential vaccines	Packshot vaccines	 Additional vaccines	 Dose and route
From 2 weeks of age	Heartwater blood (Less than 21 days of age)			3 mℓ intravenously
	Pasteurella (1st injection)			2 mℓ subcutaneously
			<i>T. pyogenes</i>	2 mℓ subcutaneously (Lambs)
			<i>C. ovis</i>	2 mℓ subcutaneously
At 4 - 6 weeks of age	Pasteurella (2nd injection)			2 mℓ subcutaneously
Before weaning (4 - 5 months of age)	Brucella Rev. 1 (Rams)			2 mℓ subcutaneously
	Pulpy kidney (Enterotoxaemia) (1st injection)			1 mℓ subcutaneously
	Botulism (1st injection)			1 mℓ subcutaneously

Immunization For Sheep and Goats



 Time of administration	 Essential vaccines	Packshot vaccines	 Additional vaccines	 Dose and route
Before weaning (4 - 5 months of age)			Gas Gangrene (1st injection)	2 ml subcutaneously
	Pasteurella (3rd injection)			2 ml subcutaneously
			Redgut (1st injection)	2 ml subcutaneously
4 - 5 months of age			Redgut (2nd injection)	2 ml subcutaneously
At 6 months	Pulpy kidney (Enterotoxaemia) (2nd injection)			1 ml subcutaneously
	Rift Valley Fever (Live or Inactivated)			1 ml subcutaneously
	Botulism (2nd injection)			1 ml subcutaneously
	Anthrax			1 ml subcutaneously
			Gas Gangrene (2nd injection)	2 ml subcutaneously
			Swelled head (Rams)	2 ml subcutaneously

Immunization For Sheep and Goats



Sustained immunization programme for adult sheep

Yearly or six monthly booster injections can be given in an annual breeding program. The following table is a practical example & could be changed to fit local circumstances.

 Time of administration	 Essential vaccines	Packshot vaccines	 Additional vaccines	 Dose and route
Autumn (April - May) 4 - 6 weeks before stress and risk periods	Anthrax			1 mℓ subcutaneously
	Botulism			1 mℓ subcutaneously
			<i>T. pyogenes</i>	5 mℓ subcutaneously
	Pasteurella			2 mℓ subcutaneously
Late winter - Early Spring (Aug - Sept) 4 - 6 weeks before stress and risk periods	Bluetongue (Sheep only)			1 mℓ subcutaneously
	Pulpy Kidney (Enterotoxaemia)			1 mℓ subcutaneously
			<i>C. ovis</i>	2 mℓ subcutaneously
			<i>T. pyogenes</i>	5 mℓ subcutaneously



Immunization For Sheep and Goats



 Time of administration	 Essential vaccines	Packshot vaccines	 Additional vaccines	 Dose and route
Late winter - Early Spring (Aug - Sept) 4 - 6 weeks before stress and risk periods	Rift Valley Fever (Live or Inactivated)			1 mℓ subcutaneously
4 - 6 weeks before the breeding season	Chlamysure (Chlamydia)			1 mℓ subcutaneously
2 - 4 weeks before the lambing season			Blue udder	2 mℓ subcutaneously
			Tetanus	1 mℓ subcutaneously
			Lamb dysentery	2 mℓ subcutaneously
± 4 weeks before shearing			<i>Escherichia coli</i>	2 mℓ intramuscularly
	Anthrax			1 mℓ subcutaneously
			Black Quarter	1 mℓ subcutaneously
			<i>C. ovis</i>	2 mℓ subcutaneously

