

PROGRAMME FOR SHEEP

Opticide 200 is effective against the following diseases/viruses that occur in sheep.

- SHEEP POX
- RATTLE BELLY
- E. COLI
- JOINT ILL
- OVINE ABORTION
- SALMONELLA
- WATERY MOUTH
- MASTITIS
- RINGWORM
- ORF
- SCALD
- FOOTROT
- and many more!



OPTICIDE 200

**A broad-spectrum Disinfectant Sterilant for
General Farm use and Animal Housing areas**

Contents: An aqueous solution of 100.0grs /litre (10%v/v) Benzyl C12-14 (even-numbered) alkylmethylchloride + 150 grs per litre (15.0% v/v) Glutaraldehyde

OPTICIDE 200 is a highly effective blend of Glutaraldehyde and Q.A.C's. It is one of the broadest spectrum disinfectants / sterilants available. **Opticide 200** kills all pathogen types including Viruses, Bacteria, Protozoa, Mycoplasma, Fungi & Yeasts. It can be applied by Knapsack sprayer, Watering can, Pressure washer, Cloth, Mop or Fogger. **Opticide 200** remains stable and effective for at least one year after dilution.

Kills all Pathogen Types | Fully Approved | Highly effective Foot Dip
Powerful Disinfectant for Calving Boxes, Lambing Pens & Stables
Routine Bedding & Cubicle Hygiene | Controls Ringworm, Rotavirus, Pneumonia

INSTRUCTIONS FOR USE

For best results, all surfaces should be thoroughly cleaned beforehand. Recommended dilution rates will vary widely depending on the specific surfaces being treated, pathogen types being targeted and your overall objective, **so please make sure to study the more detailed instructions to be found on our website and /or product leaflets.**

AGRICULTURE

In general, **Opticide 200** should be diluted at rates between 1 : 150 (0.66%) and 1 : 50 (2.0%) for general disinfection of Floors, Walls, Equipment surfaces, Cubicles & Bedding areas. Spray on, using 100 to 300 mls of diluted product per sq. meter of surface area. Where there is a known disease problem, increase the concentration to 1 : 50 until the problem has cleared up.

Routine Hygiene in Milking Parlours, Lambing pens, Calving boxes, Sheep sheds, Stables, Farrowing crates, Kennels, Hatcheries, Surgeries etc., Use 1 : 150. **Foot dipping Livestock:** Preventative treatment use 1 : 50. For curative situations use 1 : 25. **Control of Ringworm,**

Rotavirus, Pneumonia etc in Calf Pens: Clean thoroughly first & use 1 : 50. **Boot Dips:** Use 1 : 50 and change at least monthly: **Vehicle disinfection & fogging:** Use 1 : 150. **Water treatment in poultry:** Use 1 : 3000. **Egg Washing:** Use 1 : 200.

OTHER NON-FOOD CONTACT AREAS

This product has been tested by the *Campden Food & Drink Research Association* and found to be a suitable surface disinfectant at a 0.5% concentration. Pathogens tested by Campden included Salmonella sp., Staphylococcus sp., Streptococcus sp., Pseudomonas sp., Proteus sp., Listeria sp. and Saccharomyces sp.

In normal cleaning operations, use a dilution rate of 1 : 200 (0.5%). Cover all surfaces including Floors, Walls, Tables etc. In particularly challenging situations eg, Toilets & Washrooms and /or for sterilizing Mops, Cloths etc., use a dilution rate of 1 : 100 (1%)



Scan me!

This preparation has been approved by the Minister for Agriculture, Food and the Marine as a disinfectant for the purpose of the Disease of Animal Act, 1966 and Orders made thereunder. The contents of this container are hereby guaranteed to be the same quality and composition as approved by the Minister for Agriculture, Food and the Marine

Approved uses and Dilution rates

- * Foot and mouth disease orders in the proportion of one part of this preparation to 50 parts of water.
- * Swine vesicular disease order in the proportion of one part of this preparation to 150 parts of water.
- * Diseases of poultry order in the proportion of one part of this preparation to 125 parts of water.
- * Tuberculosis orders in the proportion of one part of this preparation to 13 parts of water.
- * General orders in the proportion of one part of this preparation to 61 parts of water.

WARNINGS: H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H412 Harmful to aquatic life with long lasting effects. P280 Wear protective clothing, gloves, eye, and face protection. P260 Do not breathe Dust /mist/vapours/. P284 In case of inadequate ventilation wear respiration protection. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P405 Store locked up.

PCS No: 95482



FOOT DIPPING FOR SHEEP

- To control the spread of interdigital dermatitis, foot rot, foul of the foot and scald.
- Trim the feet of badly affected animals before foot dipping.
- Add Opticide 200 at a 1:50 dilution to a depth of 4" in the footbath. For lame animals, use a dilution of 1:25.
- Allow animals to stand on a hard surface for at least 10 minutes after foot-bathing.
- Repeat the process 3-4 times per year.





LAMBING PENS AND BEDDING

- Opticide 200 can be sprayed at a dilution of 1:150 in lambing pens prior to use for the prevention of joint ill, rattle belly, watery mouth, and cross infection from one lamb to another. It can be applied on the bedding and pen sections prior to introducing a fresh ewe and lambs.
- For internal hygiene after spring turnout, use Opticide 200 diluted 1:150 in sheds after thoroughly cleaning out with a pressure washer.



BIOSECURITY PRECAUTIONS

- Opticide 200 can be used as a boot dip in 1:50 dilution and should be changed monthly.
- It can be used to disinfect transport boxes and vehicles to prevent cross contamination of diseases from farm to farm and farm to mart.





OPTICIDE 200 IS EFFECTIVE AGAINST THE FOLLOWING OVINE DISEASES/VIRUSES

Dilution Ratio	Dilution Rate
01:50	20mLs per litre of water
	400mLs per 4 gallons of water
	500mLs per 5 gallons of water
1:150	4 litres per 200 litres of water
	7mLs per litre of water
	140mLs per 4 gallons of water
1:200	175mLs per 5 gallons of water
	1.3 litres per 200 litres of water
	5mLs per litre of water
	100mLs per 4 gallons of water
	125mLs per 5 gallons of water
	1 litre per 200 litres of water

EFFECTIVE DILUTION RATES USING OPTICIDE			
Virus Type	Virus	Disease	OPTICIDE Dilution
Poxvirus	Capripoxvirus (H)	Sheep pox	1:150
Paramyxovirus	Morbillivirus (L)	Rinderpest	1:750
Reovirus	Rotavirus (H)	Diarrhoea	1:200
Flavivirus	Flavivirus (L)	Louping ill	1:200
	(H) = Hydrophilic Virus	(L) = Lipophilic Virus	
Bacteria Type	Bacteria	Disease	OPTICIDE Dilution
Chlamydia spp	Gram - Bacterium	Enzootic Ovine Abortion	1:1000
Escherichia coli	Gram -Bacterium	Diarrhoea	1:1500
Salmonella spp	Gram -Bacterium	Enteritis	1:150
Staphylococcus aureus	Gram + Bacterium	Dermatitis	1:1500
Streptococcus agalactiae	Gram + Bacterium	Mastitis	1:2000
Fungus Type	Fungus	Disease	OPTICIDE Dilution
Trichophyton verrucosum	Fungus	Ringworm	1:50