



# PROGRAMME FOR HORSES

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

- **PNEUMONIA**
- **WARTS**
- **RINGWORM**
- **HORSE POX**
- **DIARRHOEA**
- **RHINITIS**
- **STRANGLES**
- **SALMONELLOSIS**
- **UPPER RESPIRATORY INFECTION**
- **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





## FOR NORMAL ROUTINE CLEANING

- Remove all bedding, moveable objects i.e.: buckets, feed troughs, etc. from boxes and sweep out any dry matter.
- Wash down walls, ceilings and floors using a pressure washer.
- Apply Opticide 200 diluted at 1:150 to all surfaces through a knapsack sprayer or pressure washer at 200ml per square meter, not forgetting both sides of doors and air intakes. Then replace bedding. Where ringworm is thought to be present use a dilution of 1:50.
- Wash all buckets and moveable items with a solution of Opticide 200 diluted 1:150 and replace in stables.





## VEHICLES AND STARTING STALLS

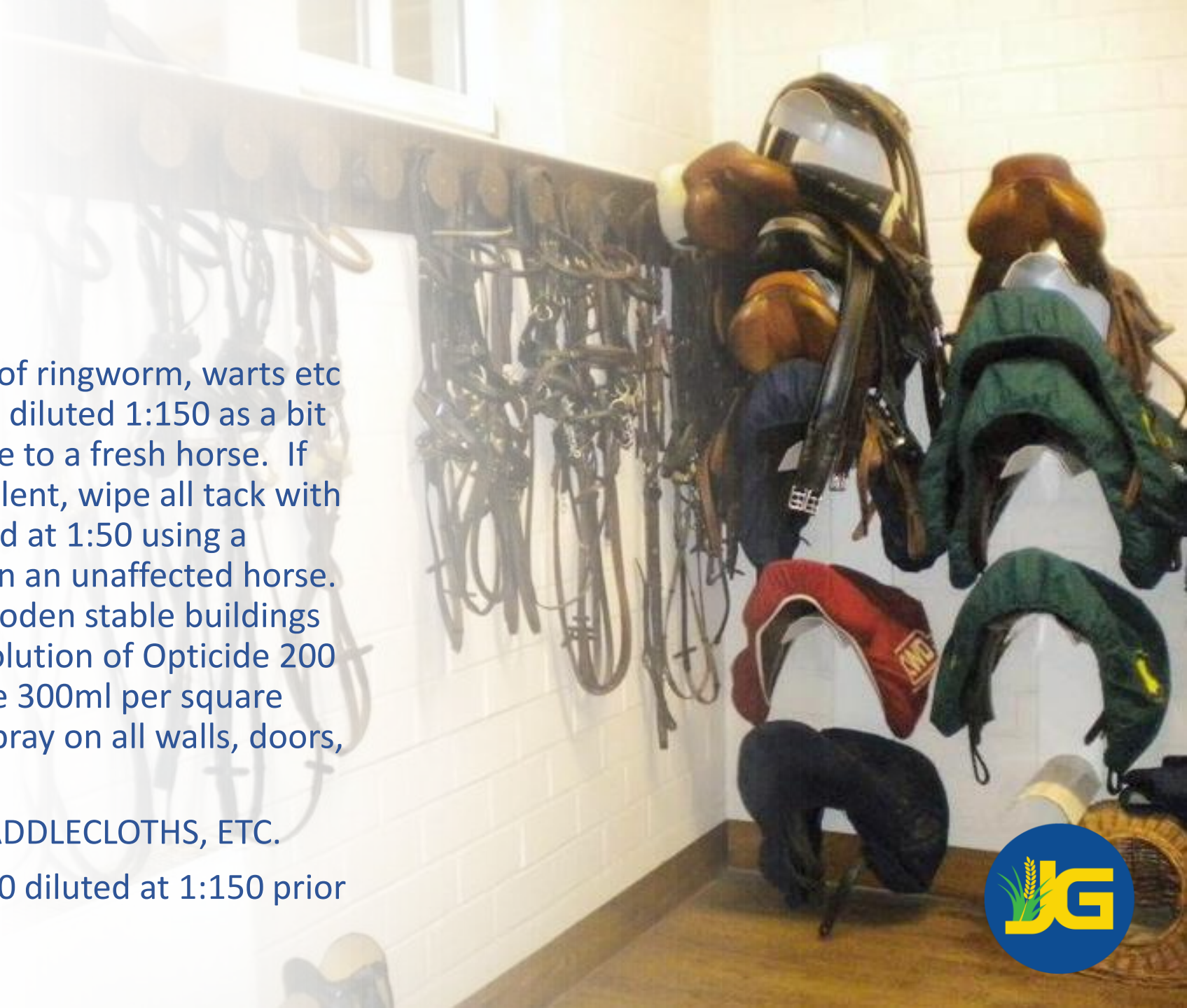
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- Horseboxes can be fogged or sprayed on a regular basis to eliminate pathogens, particularly when attending race meetings and other competitive events. Opticide 200 is proven to be
- Starting stalls should be sprayed with Opticide 200 each morning of a race meeting. Opticide 200 residual efficacy will render the stalls disease-free all day. Use at a dilution of 1:50.



## TACK, SADDLECLOTHS, ETC.

- To prevent cross contamination of ringworm, warts etc use a bucket full of Opticide 200 diluted 1:150 as a bit dip. Dip tack before each change to a fresh horse. If instances of ringworm are prevalent, wipe all tack with a solution of Opticide 200 diluted at 1:50 using a sponge or cloth, prior to using on an unaffected horse.
- Endemic ringworm spores in wooden stable buildings can be destroyed using a 1:50 solution of Opticide 200 through a knapsack sprayer. Use 300ml per square meter on porous surfaces and spray on all walls, doors, floor etc.
- BLANKETS, RUGS, NUMNAHS, SADDLECLOTHS, ETC.
- Soak for 1/2 hour in Opticide 200 diluted at 1:150 prior to normal washing.





# OPTICIDE 200 IS EFFECTIVE AGAINST THE FOLLOWING EQUINE DISEASES/VIRUSES

Dilution Ratio	Dilution Rate
<b>01:50</b>	20mLs per litre of water
	400mLs per 4 gallons of water
	500mLs per 5 gallons of water
<b>1:150</b>	4 litres per 200 litres of water
	7mLs per litre of water
	140mLs per 4 gallons of water
<b>1:200</b>	175mLs per 5 gallons of water
	1.3 litres per 200 litres of water
	5mLs per litre of water
<b>1:500</b>	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
Adenovirus	Adenovirus (H)	Pneumonia, Illness Acute Respiratory	1:500
Herpetovirus	Equine Herpesvirus (L) Types 1-4, etc.	Rhino Pneumonitis	1:1400
Picornavirus	Rhinovirus(H) 1&2	Rhinitis, Pharyngitis	1:300
Poxvirus	Orthopoxvirus (H)	Horsepox	1:500
Paramyxovirus	Parainfluenza 3	Acute Upper Respiratory	1:750
	Virus (L)	Infection	
Togavirus	Equine Arteritis (L)	Equine Viral Arteritis	1:200
Rotavirus	Rotavirus (H)	Diarrhoea	1:200
Orthomyxovirus	Myxovirus Influenza (L) Types 1&2	Equine Influenza	1:500
Coronavirus	Infectious Bronchitis Agent (L)	Acute Upper Respiratory Infection	1:900
	(H) = Hydrophilic Virus	(L) = Lipophilic Virus	
Bacteria Type	Bacteria	Disease	OPTICIDE Dilution
Corynebacterium equi	Gram +Bacteria	Corynebacterial Pneumonia of foals	1:7000
Salmonella Spp	Gram - Bacteria	Salmonellosis (Septicaemia, Enteritis -can cause abortion)	1:150
Haemophilus equigenitalis	Gram -Bacteria	Contagious Equine Metritis	1:1600
Bacillus anthracis	Gram +Bacteria	Septicaemia Bacterium (Spore-Forming)	1:60
Staphylococcus Spp	Gram +Bacteria	Demodectic Mange	1:1500
Streptococcus equi	Gram + Bacteria	Strangles	1:500
Fungus Type	Fungus	Disease	OPTICIDE Dilution
Trichophyton mentagrophytes	Spore Forming Fungus	Ringworm	1:50
Aspergillus spp	Fungus (Mould)	Fungal Placentitis (causes abortions)	1:1000

**J Grennan & Sons Ltd., Rath, Birr, Co. Offaly.**

Tel: 057 91 33002 Email: sales@grennans.ie Website: www.grennans.ie