


**VACCINATE
FOR HEALTH**

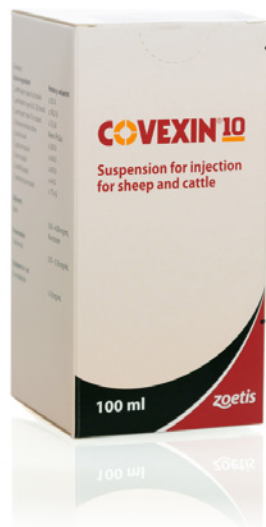


10 OUT OF 10 PROTECTION

COVEXIN® 10

**Protects cattle and sheep against
10 deadly causes of clostridial disease**

Common name	<i>Clostridial species</i>
Enterotoxaemia	<i>C. perfringens</i> type A
Lamb Dysentery	<i>C. perfringens</i> type B
Struck	<i>C. perfringens</i> type C
Pulpy Kidney	<i>C. perfringens</i> type D
Black Leg	<i>C. chauvoei</i>
Tetanus	<i>C. tetani</i>
Braxy/False Blackleg	<i>C. septicum</i>
Black Disease	<i>C. novyi</i>
Haemorrhagic Enteritis	<i>C. sordellii</i>
Bacterial Redwater	<i>C. haemolyticum</i>



Covexin® 10 Suspension for injection for sheep and cattle. For the active immunisation of sheep and cattle against diseases associated with infections caused by *C. perfringens* type A, B, C & D, *C. chauvoei*, *C. novyi* type B, *C. septicum*, *C. tetani*, *C. sordellii* & *C. haemolyticum*. For side effects, precautions, warnings and contra-indications, please refer to product insert. Legal category: LM. For further information please refer to SPC or contact Zoetis, 2nd Floor, Building 10, Cherrywood Business Park, Loughlinstown, Co. Dublin D18 T3Y1. (01) 2569800 or www.zoetis.ie. Use medicines responsibly (www.apha.ie) ZT/19/09/1.

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Facts on clostridial disease

- Typically causes sudden death in cattle and sheep.
- Remains a common diagnosis in Ireland despite the availability of effective vaccines¹.
- Is the cause of 6% of total deaths in sheep, 11% of total mortalities in weanlings and 4% of mortalities in adult cattle^{2,3}.
- Can easily be prevented by implementing an appropriate vaccination plan using Covexin 10.

How to ensure good immunity?

There are two types of immune protection:

- Passive: a dam is vaccinated to increase colostral antibodies that can be passed to her offspring to protect the young for a short period of time. **Covexin 10** provides **passive immunity** to **lambs for up to 12 weeks*** and **calves up to 8 weeks**.
- Active: the animal is vaccinated so that it makes a response to infection and protects itself against disease. **Covexin 10** provides **active immunity** in cattle and sheep **for up to 1 year**.

Practical application of vaccination programmes with Covexin 10

Cattle - 2ml dose



Sheep - 1 ml dose



Top tips for optimum protection

- Ensure the colostrum transfer is sufficient from vaccinated animals, especially to fostered young-stock
- Remember the rams and bulls
- Don't assume bought in stock are adequately vaccinated
- Discard any unused vaccine 8 hours after first opening
- Store vaccine in a refrigerator at between 2°C and 8°C
- Maintain and calibrate injection guns
- Ensure aseptic injection technique

* No proven passive immunity in sheep against *C. haemolyticum*.

REFERENCES: 1. All-Ireland Disease Surveillance Report 2011 2. All-Ireland Disease Surveillance Report 2016

3. DAFM Laboratories Quarterly Surveillance Report Q1 2016