**GENESTRAN**

**Qualitative and quantitative composition**
Each ml contains: Active substance Buscopan® (Buscopan® injectable solution), 75 micrograms.

**Target species**
Cattle, horses, rabbits.

**Indications for use**
- Indications for use with the veterinary medicinal product to animals: Abdominal pain and discomfort. Uncontrollable diarrhoea.
- Indications for use with the veterinary medicinal product veterinary product to animals: Abdominal pain and colic.

**Amends to the administration and administration route**
- Cattle: 1.25 ml 10% (10 mg) injected into the muscles of the neck or the buttock.
- Horses: 2.5 ml 10% (25 mg) injected into the muscles of the neck or the buttock.

**Overdosage symptoms, emergency procedure, antidote, P.O.**
- No specific antidote exists for this veterinary medicinal product.
- In case of overdose, the following symptoms may occur: Acute abdominal pain and colic, foaming at the mouth, weakness, sweating.
- In case of accidental ingestion, induce vomiting if possible, or administer a purgative (e.g., lactulose).

**Frequency of administration**
Administer the veterinary medicinal product to animals at intervals of 2-3 hours or as required.

**Distributed by**
FORTE Healthcare Ltd.
Block 3, Unit 9, CityNorth Business Campus, Stamullen, Co. Meath, Ireland
Tel: +353 1 861 7444
email: tech@fortehealthcare.com
www.fortehealthcare.com

**BUSDOL**

**Qualitative and quantitative composition**
Each ml contains: Active substance Buscopan® (Buscopan® injectable solution), 75 micrograms.

**Target species**
Cattle, horses and pigs.

**Indications for use**
- Indications for use with the veterinary medicinal product to animals: Abdominal pain and colic.
- Indications for use with the veterinary medicinal product veterinary product to animals: Abdominal pain and colic.

**Amends to the administration and administration route**
- Cattle: 1.25 ml 10% (10 mg) injected into the muscles of the neck or the buttock.
- Horses: 2.5 ml 10% (25 mg) injected into the muscles of the neck or the buttock.

**Overdosage symptoms, emergency procedure, antidote, P.O.**
- No specific antidote exists for this veterinary medicinal product.
- In case of overdose, the following symptoms may occur: Acute abdominal pain and colic, foaming at the mouth, weakness, sweating.
- In case of accidental ingestion, induce vomiting if possible, or administer a purgative (e.g., lactulose).

**Frequency of administration**
Administer the veterinary medicinal product to animals at intervals of 2-3 hours or as required.

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Reproductive efficiency in dairy farms has been declining over the past 50 years, associated with two parameters: low oestrus detection and lower rate of pregnancy per artificial insemination (A.I.).

Synchronization programs, which regulate the oestrus cycle using hormones such as GnRH analogues and prostaglandins, are used routinely to improve the fertility of dairy herds.

**BUSOL** (Buserelin) is an injectable solution of buserelin that acts as an analogue of Gonadotropin Releasing Hormone (GnRH). It targets the hypophysis and controls the ovulation cycle, inducing the release of FSH (Follicle Stimulating Hormone) and LH (Luteinizing Hormone) which regulate the growth, maturation and selection of the follicles.

**GENESTRAN** is an injectable solution of R-cloprostenol, a synthetic prostaglandin that induces regression of the corpus luteum (luteolysis). This effect lowers the levels of progesterone so a new cycle can begin.

**A SYNCHRONISED TEAM**

**BUSOL & GENESTRAN** are the perfect team to tackle reproductive inefficiency and improve the fertility of dairy cattle.

**SYNCHRONISATION PROGRAMS:**

Synchronisation with **OVSYNCH** greatly increases the efficiency of on-farm oestrus detection.

- **Ovsynch**
  
  **BUSOL** > 7 days > **GENESTRAN** > 2 days > **BUSOL** > 16 hours > A.I.

Presynchronization programs (**PRESYNCH, G6G**) reduce the variability of the oestrus cycle at the beginning of the **OVSYNCH** program, increasing the rate of pregnancy per A.I.

- **Presynch**
  
  **GENESTRAN** > 14 days > **GENESTRAN** > 12 days > **OVSYNCH**

- **G6G**
  
  **GENESTRAN** > 2 days > **BUSOL** > 6 days > **OVSYNCH**

**TREATMENT:**

In cattle, **BUSOL** and **GENESTRAN** are not only used in fertility programs, but also as treatment for specific disorders:

- **Ovarian cysts**: **BUSOL** is used for follicular cysts and **GENESTRAN** for luteal cysts.
- **GENESTRAN** is indicated in reproductive diseases such as persistent corpus luteum, or for inducing abortion e.g. in case of misalliance.