



## RECEPTAL

### Composition

1ml contains :

Buserelin acetate	0.0042mg
(corresponding to 0.004mg buserelin)	

### Characteristics

Buserelin is a synthetic analogue of gonadotrophin releasing hormone (GnRH) which controls luteinising hormone (LH) and the follicle hormone (FSH) concentrations. As FSH and LH play a key role in the final maturation of the preovulatory follicle, Buserelin has the ability to induce and synchronise ovulation, induce turn over of the cystic follicles and improve conception rate.

### Indications

For the treatment of infertility of ovarian origin and improvement of pregnancy rate in cows. For the synchronisation of oestrus in dairy cows and for reducing the calving to conception interval in these cows when used in conjunction with a PGF $2\alpha$  analogue with luteolytic activity as part of a 10 day fixed time insemination regime. To induce ovulation of a mature follicle and thereby to synchronise ovulation more closely with mating in mares. To induce ovulation in pigs (gilts) after oestrus synchronisation in order to facilitate a single fixed time artificial insemination program. For the improvement of conception rate and induction of ovulation in rabbits. To facilitate stripping and reduce mortality due to egg binding in rainbow trout.

### Dosage and administration

In cattle, horses and rabbits, the preferred route of administration is intramuscular injection (i.m.), but it may also be injected intravenously (i.v.) or subcutaneously (s.c.)

In pigs, the preferred route of administration is intramuscularly (i.m.), but it may also be injected intravenously (i.v.).

Do not pierce the stopper more than 12 times.

When treating large numbers of animals, use a suitable draw-off needle or automatic dosing syringe to avoid excessing puncturing of the closure.

See leaflet for dosing per species.

### Adverse reactions

Pregnancy rate to first insemination after use of the Intercept fixed time insemination programme in cows may be reduced by some 12% in herds with pregnancy rates to first service about 50% and in first parity animals (heifers).

Highest pregnancy rates are achieved by servicing cows between 61-70 days after calving.

Use during pregnancy, lactation or lay;

The product is intended for use to improve pregnancy rate, induce ovulation etc and should therefore be used prior to mating or insemination and not during pregnancy.

### Precautions

Special precautions for use in animals.

Observe aseptic precautions.

Gilts: Use of the product contrary to the recommended protocol (see dosage and administration) may result in the formation of follicular cysts and may detrimentally affect fertility and prolificacy.

Special precautions to be taken by the person administering the product:

See leaflet.

### Warnings

Gilts: Administration of gonadotrophins in this fixed time insemination protocol is not recommended. The presence of the boar at the time of artificial insemination is recommended.

### Withholding period

Meat: Cattle, horses, pigs and rabbit: 0 days

Milk: cattle: 0 days

Not to be used in trout intended for human consumption.

### Storage

Store at room temperature 15-25°C.

Keep out of sight and reach of children

### Presentation

5 x 10ml

### Registration (international)

Vm 01708/4438