



EoBOS®

Mid-Life, 5 days



EXTENDER FOR BOAR

SEMEN PRESERVATION

EoBOS® is an extender for boar semen. Its balanced formula ensures a physicochemical environmental control, creating the right conditions for maintenance.

The reconstituted EoBOS® product, being a physiological solution does not alter living conditions of the tissues with which it has contact, as the sperm or the genital tract of the sow itself, neither leaves any residue on them.

Total security for the animal and its environment. The EoBOS® extender being a cell culture medium remains appropriate for conservation through totally harmless compounds for the sow, personnel and material belonging to artificial insemination lab.

The semen once ejaculated begins to suffer a series of degenerative processes occurring loss of motility, abnormal acrosome and chromatin decondensation. The EoBOS® extender avoids these negative effects with a source of premium sugar, buffers to maintain physiological pH ranges for the spermatozoid and chelating compounds to maintain cells integrity.

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PRESENTATION

Sealed bags to dilution in distilled water.

HOW TO USE

Add the content of the bag *EoBOS®* in the indicated volume of distilled water at 37°C.

COMPOSITION

Glucose, Sodium citrate, Sodium bicarbonate, others.



PROPERTIES

In good working conditions *EoBOS®* ensures the preservation of boar semen by cooling it to 15°C for periods of 4-5 days. This facilitates the work of the Boar Stations, taking advantage of the maximum performance of boars and providing optimal reproductive outcomes.

- Energy source based on monosaccharides easily assimilation by the spermatozoid, allowing it to keep enough motility for maximum of fertilizations.
- Presence of buffers controlling the pH in a physiological range for the semen; thus keeping the extracellular medium and cell integrity, allowing normal activity of the spermatozoid and the medium in which it is maintained.
- Chelating action. Certain ions can have a negative effect on cell integrity, may cause sperm rainfall cause or accelerate premature acrosome reaction, therefore those ions must be neutralized through the extender during the semen conservation.
- Appropriate sperm osmotic pressure and a protective effect on cell membranes and salt components provided by other elements of the extender.

STORAGE AND HANDLING

- Storage in a cool, dry place.
- Protect from direct sunlight.
- Do not store close heat sources.
- Once prepared keeps it in a fridge (5°C) for 24-48 hours.

EXPIRATION

Two years from the date specified on the packaging.

ORDERING INFORMATION

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|------------------------|--------------------|
| ➤ EOB (for 1 liter) | Ref. EOB001 |
| ➤ EOB (for 5 liters) | Ref. EOB005 |
| ➤ EOB (for 25 liters) | Ref. EOB025 |
| ➤ EOB (for 50 liters) | Ref. EOB050 |
| ➤ EOB (for 100 liters) | Ref. EOB100 |



gestión
veterinaria porcina

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