

# Boar Semen Extender for pig semen preservation

## Background:

Use of advanced reproductive technologies like Artificial Insemination in pigs is the need of the hour especially for boosting pig production and profitability.

## Description:

Novel Boar Semen Extender is a potential technology for pig semen preservation at liquid state.

It is a formulation of chemical mixture in powder form, can be mixed with sterile distilled water and easy to use for diluting the pig semen.

The extender can preserve pig semen at 15-17°C for a minimum period of 3 days.



**Potential beneficiaries:** Pig farmers, researchers, agri-entrepreneurs, state animal husbandry departments, industrialists

## Impact of technology:

It has become easy to adopt AI technology in pigs due to this cost-effective indigenous semen extender. Three industrialists have approached Agrinnovate India Ltd. for transfer of technology. Research scholars have used this product for research work and different pig production centres in neighbouring states procure this extender regularly for pig breeding through AI.

**Status of patent application:** An application for patent has been filed vide Application No. 3037/MUM/2015 and has been published Indian Patent Journal on 17/02/2017

**Status of commercialization:** Technology and licensing terms have been evaluated by Agrinnovate India Ltd. and is being popularised.