

# Pig Health – Boar Usage

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Please circle one answer only e.g. **A**

- Which of the following is not a consequence of increased use of AI in pig herds?
  - Access to improved and more diverse genetics
  - Ability to batch serve
  - Degeneration of reproductive health of the sows
  - Ability to change breeding programmes quickly
- Which of the following opportunities does not arise for accessing semen for AI use
  - Borrowing AI doses from an unrelated neighbouring farm
  - On farm collection of boars and dilution of semen
  - Purchase of semen from commercial suppliers
  - Semen collected from a single farm within an epidemiological group in the same ownership
- Which of the following is not true of AI use in pigs?
  - Results are always poorer than with natural service
  - It can be purchased only as fresh semen
  - It is available frozen
  - It can be stored on farm in a freezer
- Sperm are produced
  - In the accessory glands
  - In the preputial diverticulum
  - In the testes
  - In the penis
- Seminal fluid is produced
  - In the accessory glands
  - In the preputial diverticulum
  - In the testes
  - In the penis
- Which of the following is true of semen production in the boar?
  - It is produced every 8 hrs
  - It takes 8 days to produce
  - It takes up to 8 weeks to reach maturity
  - It is only produced at certain times of the year

7. Which of the following does not damage semen production in boars?
  - a. Disease causing high body temperature
  - b. Heat stress
  - c. Toxin production
  - d. Adequate and suitable nutrition
  
8. Which of the following statements is true regarding semen production in the boar?
  - a. Each ejaculate contains one day's production of sperm
  - b. Each ejaculate contains several days' sperm production
  - c. If a day's sperm production is not ejaculated it dies
  - d. The body cannot store sperm
  
9. At what age is the boar mature enough to serve 4 times per week?
  - a. 5mths
  - b. 12mths
  - c. 14mths
  - d. 2years
  
10. Which of the following statements is true of working boars?
  - a. It is not possible to over use them
  - b. Underuse is not a problem
  - c. Only the fastest workers should be used
  - d. If they haven't served for 10 days the next ejaculate is likely to be sub-standard