

10 DOS FOR SUCCESSFUL AI WITH 4M™ Ultraplus™

PREPARATION

1. DO WEEKLY CHECKS OF STORAGE TANK, TOP-UP LIQUID NITROGEN LEVELS REGULARLY
2. KEEP ACCURATE SEMEN INVENTORY, LABELLING TANKS WITH THE CONTENT OF EACH CANISTER
3. AVOID SEMEN DAMAGE BY KEEPING STRAWS SUBMERGED BELOW THE FROST LINE
4. DON'T LOAD MULTIPLE STRAWS AND NEVER RETURN STRAWS TO THE TANK

COW SELECTION

Select females with optimum reproductive health and use 4M Ultraplus gender sorted semen on 1st or 2nd service.

13-23 HOURS

For optimum results when using 4M Ultraplus gender-sorted semen, insemination should be carried out 13-23 hours after first signs of standing heat or after ovulation induction treatment (GnRH).

REGULATE

Use temperature regulated thaw bath to properly thaw units, checking the water levels before use. A maximum of 4 straws per thaw bath. Consider using 2 or more thaw baths for busy service periods.

HYGIENE

Change unit water daily and clean the unit weekly, keeping all the equipment sanitised.

HANDLING

Use tweezers to remove semen from the flask, only removing one straw at a time for thawing.

35 – 37 °C

Monitor the water temperature in the thaw bath with a thermometer.

40 SECONDS

Thaw semen straws in the thawer for a minimum of 40 seconds.

REMOVE

Remove the straw from the thaw bath with tweezers and dry with a clean paper towel. Never use fingers.

TRANSPORT

Load the straw into a pre-warmed A.I. gun. Keep the gun warm by using a gun warmer, wrapping it in a towel or sheath, or placing it between two layers of clothing.

8 MINUTES

Thawed semen must be inseminated into the body of the uterus by a qualified technician in under 8 minutes.

The cogent *difference*

