



3+ months prior to OPU/ET

- Identify sires, donors and recipients, order semen
- Ensure nutrition, health treatments and facilities in good order
- Confirm program dates and details with Nbryo
- Accept quote, pay deposit and complete credit application form
- Read Nbryo articles pertaining to optimising IVF results at nbryo.com

1+ month prior to OPU

- Send semen straws to Nbryo for testing (if required)
- Discuss protocol, processes and any questions with Nbryo team
- Order synchronisation drugs
- Ensure Nbryo has clear directions to yards (ideally Google maps location/pin)

1-2 weeks prior to OPU

- Ship or deliver semen to Nbryo
- Commence any donor hormone treatments if required (eg PG, FSH)
- Ensure donors will be 4+ weeks post calving
- Prepare Cattle Yards: Dust free (sprinklers), power (can be generator), shade & water
- Prepare Field Lab: A clean room is CRITICAL, out of direct sunlight, with power, <5 mins from yards (e.g kitchen table in house)
- Ensure support staff are well briefed for the day
- Advise Nbryo team if anything doesn't go to plan
- Commence synchronisation of recipients based on your protocol
- Provide lab with your joining/mating list (MS Excel or typed)

OPU Day

- Cows in the yards and settled 30+ mins prior to OPU, minimise stress at all times
- Draft donors in order of sire/joining groups (to optimize semen usage for IVF)
- Ensure 1-2 staff on hand (2 staff required if field lab is more than 50m from the crush)
- Joining list MUST be emailed to lab by 3pm on OPU day (if not sent prior).

Post OPU

- Embryo production results available approx. 9-10 days post OPU or next business day if this falls on a weekend
- Confirm next OPU and/or transfer dates & details if applicable/required
- Please share your IVF journey on social media and tag Nbryo!

Donors

- Max 25 donors per OPU day
- Must be 4 weeks post calving
- Be on a rising plane of nutrition & in BCS 2.5-3
- Ensure extra donors are available (if some are unsuitable)

Sires

- 4 sires per OPU day is recommended
- Conventional semen: 1 straw covers 10-12 donors
- Sexed semen: 1 straw covers 1-5 donors
- We require a minimum of 2 straws per bull (NO cut straws)
- Semen testing optional and subject to availability.

