



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.



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nbryo.com/knowledge-base