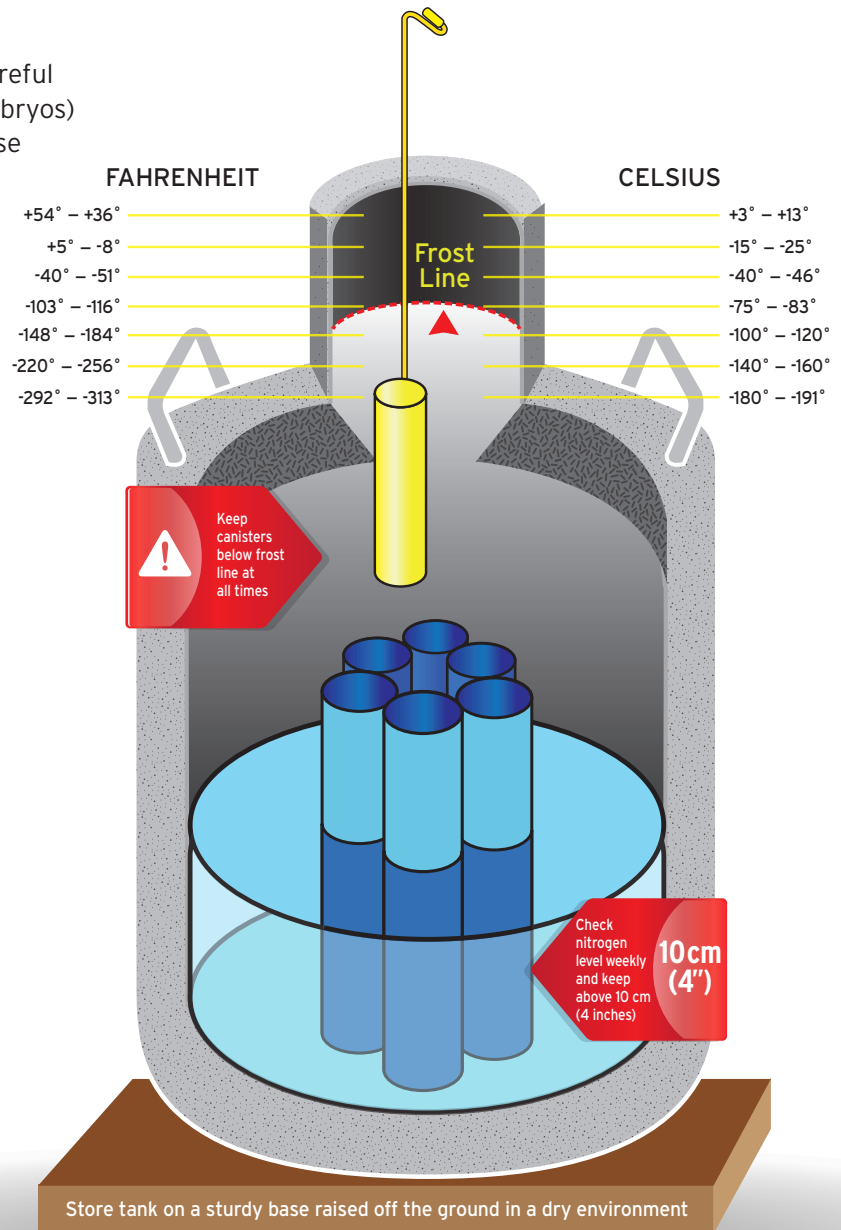


TANK MAINTENANCE

As with any investment in business, correct management is needed to preserve value. Careful handling of the Semex product (semen or embryos) maintains its integrity and quality. Follow these guidelines to deliver the best possible quality product to your client.

- Avoid excessive movement or abuse of tank.
- Liquid nitrogen (N₂) levels should be checked weekly with a measuring stick; level should be maintained at least 10 cm (4 inches).
- Tank recharging should be scheduled regularly according to manufacturer's guidelines.
- Tanks should be kept in plain sight to monitor signs of tank damage and wear.
- Tanks should be kept in a dry area and off of abrasive surfaces, out of direct sunlight and wind and securely fastened at all times. Corrosion of the outer shell will shorten the functional life of the tank.
- **Neck Cork:** When neck cork is inserted, it should be a tight fit to avoid N₂ leakage. Damage to the cork or a loose fitting cork will result in N₂ loss.
- **Canister:** Stem or handle on the canister should not separate from the canister. It should not bend.
- **Black Plug:** A black plug needs to cover the valve at the back of the tank. Without it, there's a potential for tank failure.
- Client tanks should be monitored on each delivery to ensure quality



Tanks with any signs of condensation (frosting), cracking or vapor leaks should be immediately replaced as they are no longer properly holding a charge.

KEY MESSAGE

Each additional semen handling step poses an additional risk to the quality of our product, even if handling is done correctly. Incorrect or additional handling poses a severe risk to the fertility of our products, and our relationship with our clients.