

## Appendix A



- 'Rodat Al-Fars' – Experimental farm, Doha Qatar.



- The first three trees trialed with Deep Drip watering stakes.
- The end three trees trialed with Bubbler system.
- All 6 trees have grown equally.
- The trees with Deep Drip installed have conserved 50% irrigation water.



- 36" Deep Drip watering stakes installed (Quantity 4)
- No Weeds noted after over 1 year of trial.



- Palm Tree with Bubbler System.
- Weeds observed soon after the trials started.



- Water consumption meter reading noted for the 3 x trees using Deep Drip watering stakes.
- Reading noted at 73m<sup>3</sup>



- Water consumption meter reading noted for the 3 x trees using Bubbler system.
- Reading noted at 150m<sup>3</sup>



- 24" Deep Drip water stakes installed (quantity 3) around a shoot off.
- No Weeds noted after over 1 year of trial.



- Shoot Offs with Bubbler System.
- Weeds observed soon after the trials started.



- Water filter and water flow meters installed for the two independent irrigation systems.