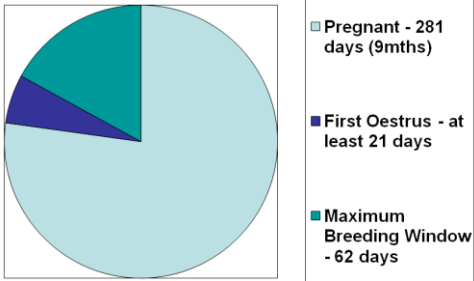



MRVS CATTLE BREEDER MANAGEMENT PLAN

GOAL FOR A BREEDING HERD: TO PRODUCE 1 CALF PER COW PER YEAR

<p>Cow Physiology</p> <ul style="list-style-type: none"> • Cows cycle every 21 days • Cows pregnant for approx. 280 days • Maximum breeding window 63 days (3 cycle lengths) • Cows often go through period of anoestrous (don't cycle) for 42 days after calving • Getting 1 calf per cow every 12 months can be a challenge! 	<p>Wiltbank Principles to Maximise Herd Fertility</p> <ol style="list-style-type: none"> 1. Cows need Body Condition Score of 3+ at calving. (Weaning while in 3+ condition is optimal when entering dry period).  <ol style="list-style-type: none"> 2. 60 day calving interval. (Preg test to identify cows that will calve in optimum 60d window). 3. Well grown replacement heifers 4. Fertility tested bulls 5. Cows on rising plane of nutrition (flush) before joining. 6. Good genetics – Bulls with good EBVs. 7. Mating timed correctly to optimise season. 8. Minimise risk of disease through vaccination and have good parasite control.
<p>Reproductive Diseases</p> <p>Vibrio Leptospirosis Pestivirus Tick Fever Neosporosis Akabane Botulism</p>	<p>Parasites</p> <ul style="list-style-type: none"> • Cattle Ticks • Buffalo fly • Worms
<p>Nutrition</p> <ul style="list-style-type: none"> • The cheapest nutrition is grass! • Recommend good pasture budgeting at the end of the growing season to ensure stocking rate is matched to carrying capacity • Supplement with degradable crude protein through dry period (April-Oct) • Test for Phosphorus deficiency (dung sample in Jan-Feb) • If Phosphorus deficient, 	