## Year Round Reproduction

<table>
<thead>
<tr>
<th>Period</th>
<th>Techniques</th>
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| Calving         | - Calving cows: Will they calve at body condition score of 5.5 for mature cows, 5.5 for young cows?  
                     - In the total feed supply sufficient? Are there too many sick cows?  
                     - Consider bleed testing cows to monitor miniaturisation and nutritional status  
                     - RCS herd ahead of mating and manage cows  
                     - Consider MetriChecking cows at 4.5 BCS at calving on track to targets  
                     - Review your reproduction performance with your rural professional team and staff  |
| Early Lactation | - New existing plan, ensure ewes have access to alphatul and herd improvement company is assured and the necessary non-cyclic treatment planned  
                     - Are the fertility breeding values of the new barn calves appropriate for your pasture based system?  
                     - Are the fertility breeding values of the new barn calves appropriate for your pasture based system?  |
| Mating          | - Pre mating cycling on track  
                     - Substitution rate on target  
                     - Heifer weights on target for mating  
                     - Heifer weights reaching the target timeframe you have set for your farm  
                     - Pull bulls out with yearlings ahead of the herd, or move them to AI  
                     - Are you feeding the stage of production at the right time?  
                     - Are you feeding the stage of production at the right time?  |
| Mid-late Lactation | - Review feed budget and nutrition plan for winter/dry period  
                     - RCS herd and manage cows below 4.0 - options include drying off or putting them on dry lot  
                     - Plan for drying off herd  
                     - Organise winter grazing  
                     - Review your reproduction performance with your rural professional team and staff  |
| Dry off         | - Plan for drying off herd  
                     - RCS dry cows during the dry period to make sure cows reach 4.5 BCS for the mating season  
                     - Make a dry cow plan for winter / dry period  
                     - Manage dry cows at home to meet RCS and feed budget targets to minimise pasture damage  |
| Dry Period      | - Do your AB Facilities meet current guidelines?  
                     - Monitor return intervals  
                     - Monitor submission rate  
                     - Monitor heifer performance  
                     - Monitor heifer performance  |

### Heifer Management

- Ensure quality genetics is confirmed and a contract is in place  
- Schedule routine animal health treatments/conditions  
- Are your heifers reaching the target live weights/birth weight for your farm?  
- Calving: do they start calving before the cow? Will they calve during desired conditions?  
- Bring heifers back to the farm early enough to get them used to the farm and changes in feed  

### Cow Health

- Identify and deal with ‘at risk’ cows only  
- Regularly monitor the calving mob for cow health and calving difficulties, record and deal with problems promptly  
- Now only purchase the number of non-cyclics  

### Body Condition & Nutrition

- RCS at planned start of calving  
- Monitor condition loss once they calve  

### Heat Detection

- What is your heat detection strategy?  
- Create a herd detection plan  
- Know who is on heat  
- Refresh staff / train new staff  
- Preventing heat stress, keep the barn, and sheds and spring first aid kit  
- What is your heat detection strategy?  

### AB Practices

- Meet with AI technician to review plans and confirm timing  
- Order consumables for DIY inseminations  
- Refresh staff / train new staff on AI management  

### Bull Management

- Ensure teaser bull, ensure DVD tested and fully vaccinated ahead of contact with the herd.  
- Ensuresubseteq of bulls are planned, check out the table on page 136 of the InCalf tool  
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### InCalf Tools & Resources

- Body Condition at calving tool  
- Cow health tool  
- Cow health tool  
- InCalf gap calculator  

For further information on all topics, refer to the second edition of the InCalf book, free for all levy payers and free to download online: dairynz.co.nz/publications/animal/the-incalf-book