




MAPLEVIEW

CALF REARING CHECKLIST

| | Yes | No | Solution |
|--|-----|----|----------|
| COLOSTRUM  | | | |
| Maternal colostrum brix levels checked using refractometer (if lower than 22% use a good quality powdered colostrum replacer) | | | |
| 4L fed within 1hr of life (ideally immediately after birth) | | | |
| 2nd feeding of 2L-4L within 8 hrs | | | |
| 3L fed 2x's/day for first 3 days of life | | | |
| COMFORT  | | | |
| Bedding is dry and loose (refer to nesting score) | | | |
| Additional bedding should be added if knees are not dry after kneeling in the pen for 20 seconds | | | |
| Proper drainage is available for pens or hutches (graded concrete allowing liquid to flow to a drain or sand/gravel under bedding to allow liquid to escape) | | | |
| Air quality is fresh and no draft present in cooler weather | | | |
| Calves should have 35sqft of lying space or hutches that are spaced apart to reduce spread of disease | | | |
| NUTRITION  | | | |
| Clean water is available 24/7 | | | |
| For the first 14 days calves are being fed minimum 6L of milk/milk replacer/day | | | |
| By day 14-45 calves should be consuming 8L -14L/day depending on feeding system | | | |
| Weaning on day 56-70 (This may vary from farm to farm and based on feeding systems) | | | |
| Calves should be offered a small amount of starter after day 3 of life | | | |
| Starter is being offered free choice in small amounts after day 3 (ideally starter is removed at the end of each day and fresh starter delivered) | | | |
| Calves should be consuming 1kg/2.2lbs/day by 2 months/weaning | | | |
| Calves should be doubling birth weight by 56 days | | | |

CLEANLINESS



Calves should be removed from the dam to clean and well-bedded areas at birth

All feeding tools should be cleaned and disinfected daily

Bedding should be added or removed and fresh bedding added minimum 2x's week

Hutches should be cleaned and disinfected between calves

Pens should be able to remain empty for 2 days to a week between groups

Pens need to be cleaned and disinfected between groups

CONSISTENCY



Milk replacer is being fed at 40-44 degrees celsius



Milk is delivered at the same time every day (unless in auto feeder)

The milk replacer is weighed/calibrated regularly to ensure the correct amount of replacer is being fed

Auto feeders are being calibrated regularly




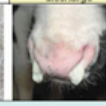












Calves started on milk replacer are staying on milk replacer until weaning

NESTING TEST

| Nesting Score | | Description |
|---------------|---|--|
| 1 |  | When the calf is lying down, bedding does not cover any part of the foot or leg. This nesting score would be observed in the summer, when the calf is bedded with sand or shavings, but is not appropriate for winter. |
| 2 |  | When the calf is lying down, it is nestled slightly in the bedding. Part of upper leg is visible, and part of the lower leg is covered by bedding. In the winter, this score would indicate there is not enough bedding to nest in, unless the calf is wearing a calf jacket, which can increase the nesting score by 1. |
| 3 |  | Deep straw bedding allows a calf to nest and trap warm air around their body. When calves are lying down, their legs should not be visible. Usually 3 to 4 inches (7.6 to 10 centimetres (cm)) of shavings topped with 12 inches (30 cm) of straw is ideal. |

Do not forget to do the kneel test!

CALF HEALTH SCORING

| Calf Health Scoring Criteria | | | |
|--|---|---|---|
| 0 | 1 | 2 | 3 |
| Rectal temperature | | | |
| 100-100.9 | 101-101.9 | 102-102.9 | ≥103 |
| Cough | | | |
| None | Induce single cough | Induced repeated coughs or occasional spontaneous cough | Repeated spontaneous coughs |
| Nasal discharge | | | |
| Normal serous discharge | Small amount of unilateral cloudy discharge | Bilateral, cloudy or excessive mucous discharge | Copious bilateral mucopurulent discharge |
|  |  |  |  |
| Eye scores | | | |
| Normal | Small amount of ocular discharge | Moderate amount of bilateral discharge | Heavy ocular discharge |
|  |  |  |  |
| Ear scores | | | |
| Normal | Ear flick or head shake | Slight unilateral droop | Head tilt or bilateral droop |
|  |  |  |  |
| Fecal scores | | | |
| Normal | Semi-formed, pasty | Loose, but stays on top of bedding | Watery, sifts through bedding |
|  |  |  |  |