Supporting health through nutrition to maximise production profitability
Successful Calf Rearing

Successful rearing from calving to weaning has a huge effect on overall profitability. The health and vigour of the calf is essential for productivity and the future success of the herd and viability of the business.

The optimum goal pre weaning is to ensure a healthy calf for replacements or beef production and to continue this post weaning. The ability to allow the calf to prosper will be influenced by factors such as disease prevention, stock management, genetic traits and nutrition. Perfecting calf-rearing has always paid off, through lower mortality and better-developed immune systems.

Ensuring that all the below points are considered are vital to optimising successful calf growth.
Checkpoints for Success

**Breed/Genetics**
DLWGs vary between breed. Selecting bulls with promising traits can allow farmers to tailor youngstock potential.

**Disease Prevention**
Ensuring the calf gets an early, high dose of colostrum is crucial to ensure survival and the first building block of the construction of a strong immune system. Avoidance of disease is crucial to ensure maximum growth and production potential e.g. pneumonia can result in £297 yield loss over 2 lactations when a calf suffers more than one episode pre weaning (FW, 2012). Averting mortality is of high importance to the business e.g. cost of calf fatality due to disease can be £500.

**Stock Management**
Suckler reared calves will have different growth rates to those which are hand reared – the best choice is what is economical for your business.

**Environmental Conditions**
Calves are born with little to no immunity, if the surrounding environment is not clean this leaves them vulnerable to infection. Ensuring that calves are born into a hygienic environment aids the avoidance of clinical diseases, which can lead to compromised growth and performance.

**Nutrition**
The aim is to successfully wean the calf by developing the rumen so stock can digest the required nutrients from a diet of forage and grain and no longer rely on milk.

**Brinicombe Agri Solutions**
Our solutions should be considered in conjunction with the above points to aid a profitable and successful calf rearing.

The following pages are a guide to where our solutions can work in your system.
## Rearing Youngstock Solutions Table

The table below is designed to highlight which product best suits the situation depending on the priority of the risk.

<table>
<thead>
<tr>
<th></th>
<th>Coat condition</th>
<th>Rumen development</th>
<th>Supporting a healthy respiratory system</th>
<th>Growth-check risk at weaning</th>
<th>Growth of frame</th>
<th>Coccidiosis prevention and gut integrity</th>
<th>Supporting the immune system</th>
<th>Mineral status</th>
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<tbody>
<tr>
<td><strong>Cattle Conditioning Tubby</strong></td>
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<td><strong>Stockbooster Youngstock</strong></td>
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<td><strong>Grazing Caps</strong></td>
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**Key:**
- + Will have an effect
- +++ Designed for the situation, very effective
- ++++ Market leader for situation
Cattle Conditioning Tubby
Supporting health and appearance in young, growing stock

- **Helps support healthy skin**
  - Ensuring stock bloom
- **Supports a healthy immune system**
  - Provides the essential micro nutrients for the calf to thrive
- **Growth and development**
  - Offers increased vigour and thrift for earlier production

**Weight:**
- 14kg or 25kg tub

**Feeding rate:**
- 1 x 25kg tub/10 cows/3 weeks
  - (approx. intake of 66g/hd/day)
- 1 x 14kg tub/10 youngstock/8 weeks
  - (approx. intake of 25g/hd/day)

**Suitability:**
- All classes of cattle

### Features

<table>
<thead>
<tr>
<th>Features</th>
<th>Benefits</th>
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<tbody>
<tr>
<td>High levels of iodine</td>
<td>Helps support healthy skin.</td>
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<tr>
<td>High levels of selenium, vitamin E and zinc</td>
<td>Helps support a healthy immune system, aid muscle development and maintain condition and production.</td>
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<tr>
<td>Optimum levels of copper</td>
<td>Helps support coat condition as well as fertility when cattle are aged to breed.</td>
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**For a bagged mineral option use the proSolve Cattle Conditioner.** Feed to growing pre-calving heifers that still require calcium for growth and extra micro nutrients for easier calving and more viable calves.

**Top Tip:** Feed Cattle Conditioning Tubby to support healthy skin. Iodine helps produce the thyroid hormone, crucial for hair production. Use in conjunction with proSolve Cattle Conditioning.
Coxi-Clear Calf Tubby
Prevention and treatment of coccidiosis

This product is medicated and requires a MFS

Prevents and treats coccidiosis
Avoiding losses caused by sub-clinical and clinical coccidiosis

Boosts feed conversion efficiency
Achieving more from less with boosted DLWG

Supports gut health
Aids the build-up of immunity to disease

Weight:  8kg tub
Feeding rate:  1 x 8kg tub / 6 calves / 4 weeks
(approx. intake of 45g/100kg LW pro rata)
Suitability:  All calves

<table>
<thead>
<tr>
<th>Features</th>
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<tbody>
<tr>
<td>Prescribed level of Decoquinate</td>
<td>Helps prevent and treat coccidiosis.</td>
</tr>
<tr>
<td>Added electrolytes within formulation</td>
<td>Helps replace essential body salts during and after scouring.</td>
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<tr>
<td>High selenium and vitamin E</td>
<td>Supports a healthy immune system.</td>
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</table>

If coccidiosis is not an issue, support the immune system of housed stock with the Calf Tubby. Added live active yeast promotes rumen development for a good nutritional start which will last a lifetime of performance.

Top Tip: Coccidiosis can reduce growth rates by 29% and over 80% of calves are exposed to either clinical or sub-clinical coccidiosis. Use Coxi-Clear Calf to avoid losses and improve calf health. Deccox included in a bucket covers sub-clinical issues unlike other treatments which may only be applied once the burden is visible.
Calf Boost Bucket
Supports calf health and performance

- **Rumen development**
  Reduces growth check

- **Supports a healthy respiratory system**
  Optimises calf health and performance

- **Helps support a healthy gut**
  Aids the build-up of gut integratory to reduce growth checks

Weight: 14kg tub
Feeding rate: 30-100g/hd/day
Suitability: All calves

### Features vs Benefits

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Includes live active yeast</td>
<td>Helps in the development of the rumen and improve growth.</td>
</tr>
<tr>
<td>Includes Imuherb – a blend of specially selected plant extracts</td>
<td>Promotes gut health allowing the calf to better withstand challenges in the digestive system.</td>
</tr>
<tr>
<td>Includes Easibreathe – a selection of plant extracts</td>
<td>Supports a healthy respiratory system.</td>
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</tbody>
</table>

The follow on product for older housed cattle is the **Breath-Well Bucket**. This bucket is ideal when ventilation is reduced and cattle are more developed. This bucket is formulated to help support a healthy respiratory system.

**Top Tip:** Ideal for calf rearing units where calves are sourced from different herds to minimise risks when grouped together.
Breathezee
Respiratory support for a lifetime of performance

**Supports a healthy respiratory system**
Optimises calf health and performance

**Energy production**
Helps promote calf vigour

**Supports a healthy immune system**
Stimulates a healthy productive animal for the future

**Weight:** 10kg granules in bucket

**Feeding rate:** 10g/100kg LW pro rata – 40g

**Maximum**
In feed mixing rate -10kg Breathezee per tonne of mix – fed at 1kg/100kg LW

**Suitability:** All calves, fattening/growing stock or any stock seen to be coughing

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Contains a range of B vitamins</td>
<td>Essential for energy utilisation to drive growth.</td>
</tr>
<tr>
<td>Contains herbs and aromatic extracts</td>
<td>Helps support a healthy respiratory and digestive system.</td>
</tr>
<tr>
<td>Contains specific oils and trace elements</td>
<td>Maintains appetite and voluntary feed intake to enhance growth rates during periods of stress. Sharpens appetite.</td>
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**5 In 1 Calf Paste** is a product which could be added into any calf rearing programme. It should be administered within the first 6 hours of life for maximum benefit.

**Top Tip:** Use Breathezee over the weaning period, pre de-horning, when housed after grazing. Calves have the lowest lung to body size ratio so any respiratory problem will check growth rates.
Masterfeed STM
Natural protein concentrate

**Encourages live weight gain**
Achieving quick finishing, lowering rearing costs

**Aids appearance**
Inclusion of fish oil to enhance shiny coat

**Supports a healthy immune system**
Stimulates a healthy productive animal for the future

**Weight:** 25kg bag

**Feeding rate:** 2-4 bags/tonne with cereals
150g-300g/hd/day top dressed

**Suitability:** Young calves or sheep/lambs when natural protein is the preferred option

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<thead>
<tr>
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<th>Benefits</th>
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</thead>
<tbody>
<tr>
<td>30% all natural protein (no urea) from soya, maize meal &amp; locust bean</td>
<td>High quality protein. Carbohydrate sources to promote daily live weight gain in calves.</td>
</tr>
<tr>
<td>High level of protein digestibility</td>
<td>Low inclusion rate; cost effective finished rations. Very palatable, ideal for creep feed.</td>
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<tr>
<td>High level of salmon oil containing omega 3’s</td>
<td>Promotes fertility &amp; condition.</td>
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</table>

**ProSolve Yeast-Ex** is an excellent complimentary product to STM. The live active yeast is rumen specific so promotes rumen development and improves fibre digestibility increasing dry matter intake and daily live weight gain. It achieves faster weaning, better growth rates and a more profitable animal.

**Top Tip:** The omega 3 included in STM will ensure a bloom on stock, providing the essential features that fishmeal used to provide. If stock are to be sold live this will significantly improve the overall appearance.
**Imutein Extra Colostrum**

A colostrum blend for when insufficient maternal colostrum is available

### Features
- Highly digestible energy source and egg protein
- Bovine proteins from dried bovine colostrum
- Vitamins A,D & E (immune supporting vitamins)

### Benefits
- Helps maintain body temperature and help prevent hypothermia.
- Helps support immune development and natural defences.
- Supports vitamin levels in the new-born. Powerful antioxidant activity that helps support immune response.

#### Supports a healthy immune system
Calves are born with little to no natural defence

#### Easy mixing
Easy feeding through a bottle or tube

#### Red Tractor compliant
It is good practice to have an artificial source on farm if maternal colostrum is unavailable

**Weight:** 1kg pot

**Feeding rate:**
- Calves/Foals: 200g into 2 litres of warm water.
- Lambs/Goats: 20g into 0.2 litres of warm water

When used as a supplement to maternal colostrum use at half rate. 1 heaped measure = approx. 15g

**Suitability:** All newly born stock. Use within the first 6 hours of birth.

- **Calf Caps** can be given to all newly born calves within the first 8 hours of life. Calf Caps help to avoid subsequent growth checks.

**Top Tip:** To give calves the best start in life use Imutein Extra Colostrum if mother’s colostrum is not at the required level.
Stockbooster Youngstock
Trace element and vitamin drench for fast growth

Prevents nutrient deficiencies
Helps avoid pre weaning growth check

Chelated trace elements
High bio-availability, helping to support animal health

Supports a healthy immune system
Stimulates a healthy productive animal for the future

Weight: 1.0l or 2.5l
Feeding rate: Calves at birth to 3 months – 20ml
Suitability: All calves, fattening/growing stock

<table>
<thead>
<tr>
<th>Features</th>
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</thead>
<tbody>
<tr>
<td>Cobalt and vitamin B12</td>
<td>Helps improve energy metabolism, significantly enhancing growth rates and production.</td>
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<tr>
<td>High selenium and vitamin E</td>
<td>Helps support a healthy immune system and improves muscle development.</td>
</tr>
<tr>
<td>Enhanced levels of zinc and biotin</td>
<td>Helps maintain hoof structure and strength. Will also help skin conditions and recovery from illness/stress.</td>
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</tbody>
</table>

For cattle 3 months and older use Grazing Caps. These dissolvable capsules provide a balance to any deficiencies when grazing.

Top Tip: Stockbooster Youngstock provides nutritional support for young calves when young stock have faced previous challenges.
Celebrating over 40 years in business

1973  Company formed

1982  Relocated to Crediton office and factory

1987  First Tubby produced

1991  Created Mineral Clinic

1996  Launched Stokblok

1997  Built 5th factory at Crediton

2002  Acquired Chapman & Fearson and FSL Bells

2005  Launched Brinicombe Equine

2008  Acquired Lachlan MacGregor Feeds

2009  ProSolve launched

2013  Acquired Zintec

2017  Exporting to over 20 countries

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