

Lamb Growing & Finishing

Technical Guide



Supporting health through nutrition
to maximise production profitability

Lamb growing and finishing

The successful growing and finishing of lambs has a significant effect on overall profitability. The health and vigour of the lamb is essential for the productivity and success of the flock and future viability.

The optimum goal pre weaning is to ensure a healthy lamb for ewe replacements, meat production and to continue this post weaning to finish within the desired parameters. The ability to allow the lamb to prosper will be influenced by factors such as disease management, flock management, breed traits and nutrition. Good management of disease prevention and pre-emptive planning of nutrition for finishing will benefit productivity through lower mortality and efficient growth rates.

Ensuring that all the below points are considered is vital to optimising successful lamb viability and growth:

**Brinicombe
Agri
Solutions**



**Environmental
Conditions**



**Disease
Prevention**



Nutrition



**Stock
Management**



**Breeds/
Genetics**



**Weaning
Management**



Checkpoints for Success

Checkpoints for Success



Breeds/Genetics



Lambing percentage and proliferation will vary between breed and farming situation, i.e. hill or lowland.



Disease Prevention



Ensuring the lamb gets an early, high dose of colostrum is crucial to ensure survival and the first building block for the construction of a strong immune system. Avoidance and prevention of disease is crucial to ensure maximum growth and production potential.



Stock Management



Recognise market requirements and tailor nutritional management to meet specification at the desired time to maximise profitability. Selective breeding to enhance economically important characteristics; colostrum & milk, maternal instinct, sound feet, fertility, immunity, good growth rate and wool production.



Weaning Management



Stress of being separated and having to now rely solely on grass can check the lambs' growth, and put a strain on the immune system.



Environmental Conditions



Lamb survival rates can vary hugely depending on the breed, season and situation. Keeping lambing pens clean and dry will reduce risk of infections for new born lambs whilst at their most vulnerable.



Nutrition



The aim is to successfully develop and grow to its full potential a lamb for meat or ewe replacement, maximising liveweight gains by enhancing rumen function. Be aware of 'topical' trace element and mineral deficiencies.



Brinicombe Agri Solutions



Our solutions help alongside the consideration of the above points helping to achieve a profitable and successful lamb growth and finishing.

The following pages are a guide to where our solutions can work in your system.

Lamb Growing & Finishing Solutions Table

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



	Skin condition	Rumen optimisation	Respiratory function	Stress at weaning	Growth of frame	Coccidiosis prevention and/or gut integrity	Immune development	Mineral status
Coxi Clear Tubby Range	++	+	+	++	++	++++	+++	+++
Zintec 3 in 1 Bucket	+++	+	+	++	++	+++	+++	+++
Frobut Tubby	++++	+	+	++	++		+++	+++
Frobut Plus Tubby	++++	++++		++	++		+++	+++
Lamb Finisher Tubby		++++	+	++	++		+++	+++
Bug-A-Tub	+	++++		++	++	+++	+++	+++
Stockbooster Youngstock Drench	++		+	+++	+		+++	+++
Stockbooster Youngstock Drench No Copper	++		+	+++	+		+++	+++
Masterfeed STM	+	+++			+++		++	++
Zintec Growfaster Sheep Bucket	+	++		++	++++		++	+++
DBG Sheep Complete Mineral	+	+		++	++		++	+++
Zintec Hi-Trace Sheep Bucket	++	+		+	++		++	++++
Sheeps Feet Tubby	++			++	++		++	+++
Zintec Organic P.O.X Bucket	++++	+		++	+		++	+++

Key:

+ Will have an effect

+++ Designed for the situation, very effective

++ Includes key features for the situation

++++ Market leader for situation



Coxi Clear Range

Coxi Clear Lamb, Coxi Clear 3 in 1, Coxi Clear 4 in 1



Prevents and treats coccidiosis

Avoiding losses caused by sub-clinical and clinical coccidiosis



Low labour, non-invasive treatment

Free access licks enable stress free, regular intakes of decoquinatate



Electrolyte inclusion

Helping to replenish lost salts and drive intakes from an early age

Weight: 14kg

Feeding rate: 1 x 14kg tub/25 lambs 4-6 weeks
(approx. intake of 14-20g/hd/day)

Suitability: Any lambs at risk of coccidiosis and contagious skin issues

Features	Benefits
Prescribed level of Decoquinatate to treat and prevent coccidiosis	Not obviously evident, sub-clinical coccidiosis can have a non-reversible impact on achieving maximum potential. Prevent this with free access availability from birth.
High levels of selenium, vitamin E and zinc	Helps support a healthy immune system, aid muscle development, maintains condition, production and improved hoof integrity.
Free access, easily taken, very palatable but self-limiting	No stress on lambs, cleans the lamb and environment from disease burden but allowing the lamb to build up its own natural resistance.

For an alternative approach use the **Zintec 3 in 1 Bucket with Immuherb**, a combination of natural plant extracts that helps support digestion and gut health.

Top Tip: Having the **Coxi Clear Range** available from birth will help keep the coccidia within the lamb's gut at controlled levels allowing the lamb to build up its own natural resistance. At the same time preventing the coccidia from multiplying to a level that would cause issues and subsequent production shortfalls.



FroBut Tubby

Helps maintain healthy skin around mouth and nose



Antiseptic Ingredients

Helps to maintain skin integrity particularly around the mouth and nose area



Stress free, topical approach

Regular contact with free access licks enables stress free control of skin issues



Reduces economic loss

Aids and maintains marketable viability

Weight: 14kg

Feeding rate: 1 x 14kg tub/ 24 lambs / 4-6 weeks
(approx. intake of 14-20g/hd/day)

Suitability: All lambs from new born to hoggs

Features	Benefits
Free access availability to all lambs	Avoids farmer contact with infected lambs.
Full mineral spec with high selenium and vitamin B12	Helps overall health, supports a healthy immune system and energy production.
Helps support the udder health of the ewe	Transfers healing properties of zinc from mouth to udder.

For older lambs where growth is paramount use **FroBut Plus Tubby** with rumen specific yeast.

Top Tip: Use with lambs grazing where thistles are growing, to help reduce incidences of thistle prick and subsequent skin issues.



Lamb Finisher Tubby

Maximises feed efficiency and energy utilisation to drive growth



Rumen development

Prepares the rumen for forage based rations



Encourages feed conversion

Improved rumen activity and performance



Utilises energy

Cobalt and B12 included to make the most of the energy from the diet to aid the prevention of pine

Weight: 14kg

Feeding rate: 1 x 14kg tub/25 lambs/4-6 weeks
(approx. intake 14-20g/hd/day)

Suitability: Finishing lambs, particularly on rough grazing

Features	Benefits
Contains cobalt and high levels of B12	Maximises energy utilisation to support growth rates.
Contains Yeast-Ex a rumen specific yeast	Encourages better feed conversion through improved rumen activity and performance.
Good level of chelated copper in a safe form	Helps maximise muscle growth, development and growth.

Where extra protein is required use **Zintec Growfaster Sheep Bucket**, with **10% natural protein, Megalac protected fat and live yeast.**

Top Tip: Ensure worm/fluke burden is addressed. Challenged lambs will not finish to optimum potential.



Stockbooster Youngstock Drench

Targeted nutrient boost for times of elevated need



Helps support a healthy immune system

Supports production during optimum period



Energy metabolism

Easily utilisable energy at times of stress



Guaranteed intakes

Immediate delivery of essential nutrients

Weight: 1L or 2.5L

Feeding rate: Lambs at weaning 10ml

Suitability: All lambs at weaning
(Contains copper which may cause issues with some breeds of sheep)

Features	Benefits
Contains high levels of vitamin B12 and cobalt	Helps improve energy metabolism to enhance growth rates and production.
High selenium and vitamin E	Helps support a healthy immune system for improved resistance.
Enhanced levels of zinc and biotin	Helps improve hoof structure and strength.

For copper sensitive breeds the drench is also available with no added copper

Top Tip: A lamb at weaning does not have sufficient rumen capacity to synthesise its full vitamin B12 requirement. By supplementing vitamin B12 via the drench the lamb will be better positioned to reach its maximum potential.



Masterfeed STM

Natural protein concentrate



Encourages daily live weight gains

Achieving quick finishing, lowering rearing costs



Enhances overall appearance

Excellent for stock to be sold live



Low labour free access lick

Palatable mineral with dependable intakes at grass

Weight: 25kg

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

Suitability: Sheep/lambs or young calves when
natural protein is the preferred option

Features	Benefits
30% all-natural protein (no urea) from soya, maize meal & locust bean	High quality protein. Carbohydrate sources to promote liveweight gain in weaned lambs.
High level of protein digestibility	Low inclusion rate; cost effective finished rations. Very palatable, ideal for creep feed.
Full mineral spec with selenium, cobalt, vitamin B12 and Omega 3's	Helps support a healthy immune system and energy production.

Where a bucket is the preferred option use **Zintec Growfaster Sheep Bucket**, with 10% natural protein, Megalac protected fat and live yeast.

Top Tip: Don't restrict to just weaned lambs, it is an ideal concentrate to use on in-lamb ewes as they will benefit from Omega 3's with enhanced milk production.



DBG Sheep Complete Mineral

A full complement of minerals, trace elements and vitamins to provide good overall cover



Reliable intakes at grass

Free access, palatable mineral with dependable intakes



Addresses and balances deficiencies

Helping to ensure no setbacks in performance from mineral deficiencies



Helps support a healthy immune system

Ensures maximum health to help improve production

Weight: 25kg

Feeding rate: Lambs 15g/hd/day
Ewes 15-30g/hd/day

Suitability: All classes of sheep, ewes & lambs

Features	Benefits
Contains cobalt and vitamin B12	Essential for energy metabolism to enhance growth.
Vitamin B1	Helps reduce the risk of CCN and makes better utilisation of carbohydrates.
Contains high zinc levels	Helps support and maintain good hoof and fleece integrity.

For a free access lick, the **Zintec Hi-Trace Sheep Bucket** is formulated with high levels of trace elements and vitamins to provide all the nutrients to help support the immune system, growth and energy metabolism.

Top Tip: Can be used across the board for the entire flock, ewes and lambs, as a general purpose nutritional support or when something extra is required.



Sheeps Feet Tubby

Maintains the integrity of Sheep's Feet



Hardens hoof structure

Supports a healthy hoof structure for optimum performance



Helps support a healthy immune system

Optimising production and performance



Low labour free access lick

Palatable mineral with dependable intakes at grass

Weight: 14kg

Feeding rate: 1 x 14kg tub/25 lambs/4 weeks
(approx. intake of 20g/hd/day)

Suitability: All sheep, ewes and lambs

Features	Benefits
Enhanced levels of zinc and biotin	Helps maintain hoof structure and strength. Will also help skin conditions and recovery from illness/stress.
High selenium and vitamin E	Helps support a healthy immune system and promotes overall good health to support growth and development.
Contains cobalt and high vitamin B12	Essential for energy metabolism to aid feed conversion and growth.

Zintec Organic P.O.X bucket for an organic option with highly available zinc, selenium and iodine to support hoof structure, skin and fleece integrity and a healthy immune system.

Top Tip: For best results use in conjunction with **Aquatrace Footbath Solution**, good hoof husbandry and management.

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 & Frearson 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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