## Calving Essentials Guide

We make caring for animals **easier** 



www.shoofint.com

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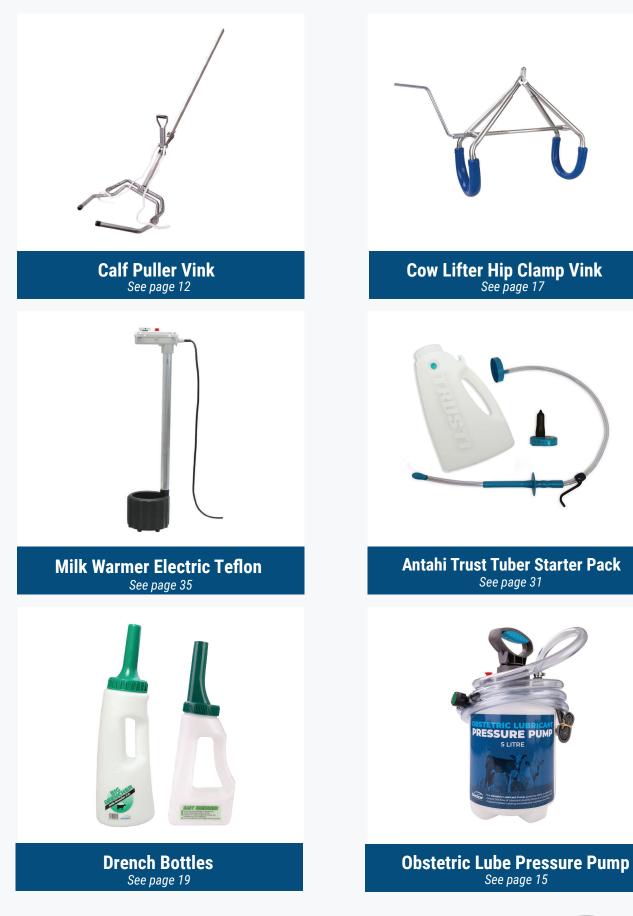
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## **Highly Recommended Products**



SHOOF 3

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## **Calving Preparation**

Calf rearing is all about quality colostrum, hygiene and minimising stress.

Hygiene is important across all aspects of the season - from birthing to the shed, bedding and feed. Stress can be reduced by providing a warm, dry environment that is not overcrowded (1.5m2 at least per calf in a pen) and ensuring food and water requirements are met. Enrichment toys, brushes scratch mats can also reduce stress.

#### **Shed Preparation**

- Ensure pens are free from draughts where possible, but allow ventilation to prevent ammonia build up (a gap at the top of shed walls is ideal)
- Clean pens prior to calving water blast and disinfect before laying down new bedding
- Ensure bedding is dry and free draining, layer new bedding on top as required (recommended at least weekly)
- Ensure calves have access to clean water, feed and fibre
- · Clean milk lines (hot soapy water) and scrub feeders after each feed

#### **Best Practise:**

- Ensure you don't rotate calves through pens
- Ensure only your farm staff go into the pens
- · Disinfect footwear with mats and boot cleaners
- If you have sick calves, separate them out and preferably downwind in case they are contagious. Feed them last to minimise germs transfer
- · Record treatments, identify and tag calves for tracking





#### **Bedding Fork D-Handle**

Size / Colour / Unit	SKU
Each	220771

This quality fork features a durable reinforced-polymer head, aluminium shaft and D-grip handle. The handle length allows for best posture, and the 'D' grip gives much better control of load.

- Efficiently spread bedding material over large areas
- Provide comfortable clean warm bedding
- Maintain bedding hygiene
- Reduce physical work

#### Shovel Aluminium LoadMaxx

••
214195

This is the ideal grain + bedding shovel. Aluminium blade, fibreglass shaft and moulded soft-grip plastic handle. Great to handle, even on hot days.

- · Aluminum blade with wide mouth design
- · Fiberglass shaft for durability
- · Molded soft-grip plastic handle for comfortable handling
- · Lightweight construction for easy use and reduced fatigue





#### Preparation

#### **Boot Cleaner & Sanitiser**

Size / Colour / Unit	SKU
Each	217474

Top-of-the-range boot cleaner. Easy-to-operate tap is connected to regular water supply. Water is fed into the brushes. A sanitiser or detergent feed line is incorporated into the upper assembly.

- · Cleans & disinfects boots
- Easy one-handed tap operation
- · Additive is drawn into the water line
- · High quality stainless steel construction

## Maintain bio-security between pens

#### **Boot Cleaner Triple Brush**

Size / Colour / Unit	
Each	

**SKU** 215571

Good solid boot cleaner for farm or home. Galvanised frame is bolted securely down. The stiff bristle brushes clean sold and sides.

- Galavanised frame
- Stiff bristle brushes
- 30cmL x 30cmW x 15cm H







#### **Disinfection Mat**

Size / Colour / Unit	SKU
85 x 60cm	217596
45 x 45cm	217652

Effective, low-cost alternative where footwear disinfection is required at the entrances to contamination-sensitive premises.

- · Hoofmat-inspired Disinfection Mats now sought worldwide
- Permeable top for footwear, pets, or equipment disinfection
- · Non-permeable sides prevent solution leakage
- · 30mm thick mats with urethane foam core, hassle-free cleaning



#### **Nitrile Gloves**

SKU
204633
204632
204631
204634
204635

Latex-free gloves for those with allergies. Thicker and stronger for versatile use with oils or steroidal creams. 240mm length and 4.5mil thickness. Comes in a box of 100.

- · Latex-free: Ideal for allergies
- · 240mm length, 5 mil thickness: Robust protection
- · Oil & cream resistant: Versatile use
- 100 gloves/box: Cost-effective



#### **Thermometer Soil Temperature Digital**

Size / Colour / Unit	
Each	

**SKU** 213478

Handy fast-reading thermometer for obtaining soil temperatures. Celsius or Fahrenheit. Simple on/off button, supplied with probe protector with pocket clip

- · Ensure you sow at the correct growth temperature
- · Fast temperature readings in °C or °F
- · 13cm probe comes with protective pen-clip sheath



#### Feed Scoop FeedMaxx

Size / Colour / Unit	SKU
1L	213957
2L	209566

Here is a feed scoop design that really works. The hard-corner flat rim scoops cleanly off bottom of bins or containers.

- · Stands up like a jug when full
- Flat-base & square corner scoops bin bases clean
- · Heavy duty but lightweight plastic
- Made in Australia





#### **Measuring Jug PourMaxx**

Size / Colour / Unit	SKU
250ml	213812
1L	204540
3L	204542
5L	204543

PourMaxx Measuring Jugs. Patented design. Manufactured in Australia. Great pouring control, strong handle, UV stabilised, raised measuring graduations, non-spilling and manufactured from chemical resistant polypropylene.

- High-quality, chemical-resistant & food-grade
- · Ergonomic design for safe handling & pouring
- Accurate raised measurement markings
- Designed & manufactured in Australia



#### **Bucket Plastic Heavy Duty 20L complete**

Size / Colour / Unit	SKU
Each	213214

20L bucket with secure lid, chemical-resistant, child-proof & Food Grade Approved. Ideal for tough tasks, no worries of spillage or safety hazards. Made in New Zealand. Replacement buckets and lids available.

- · Chemical resistant heavy-duty bucket
- Lid is 100% secure & child-proof
- Food Grade Approved (FGA)



Mobile calving kit great to store your essentials!

#### Water Bowl Farmhand Nylon

Size / Colour / Unit	SKU
5L	217613

Heavy duty plastic bowl that is livestock friendly. Drain incorporated for easy cleaning and draining

- Corrosion-resistant
- · Hinged lid for easy float access
- · Drain incorporated
- · High-quality float rated from 15 to 100p.s.i



Calves need access to fresh water from day 1 for rumen development

#### **Water Bowl Farmhand Stainless**

Size / Colour / Unit	SKU
4L	217614

Stainless steel manufacture, with hinged lid assembly. Post-mount back strap is supplied, plastic floag assembly, no drain incorporated

- Stainless steel manufacture for longevity
- · Hinged lid for easy float access
- · Bowl slopes to front for easy cleaning
- · High-quality float rated from 15 to 100p.s.i





## **Blitz Captive Bolt & Activators**

The Captive Bolt device is used for safe and humane destruction of animals, from bobby calves to downer cows and pigs.

- Does not require user to have gun licence
- Uses powerful 9mm centrefire blank cartridges for high-velocity penetration
- · Simple design and fewer internal parts for easy maintenance
- Leading captive bolt device sold globally
- Manufactured by Blitz Kerner in Germany
- · Serviced by Shoof
- · Four sizes of activators available for different sizes & types of animals
- · Selection of appropriate activator & correct positioning ensures effective stun
- Secondary kill method recommended by DairyNZ (e.g. pithing road or bleed out)
- Supplied in carry case with cleaning kit and spaces for activator cartridge containers

Fonterra NZ has introduced changes on farm, requiring all calves now have a 'useful life' as part of its supply document.

This means that bobby calves must now either be raised as a beef animal, be slaughtered for the emerging rose veal market or for the pet food market. Calves (and cows) can still be euthanised for health reasons.

Size / Colour / Unit		
	SKU	
Kit	222977	
Calves up to 100kg (Red) 50 pack	210217	
Calves up to 300kg (Yellow) 50 pack	201074	
Cattle up to 600kg (Blue) 50 pack	201072	
Cattle over 600kg (Green) 50 pack	201073	
<ul> <li>The Captive Bolt device is used for s calves to downer cows and pigs.</li> <li>Used for safe and humane destruct</li> <li>A range of weights and variables a</li> <li>Compliant with industry regulation</li> </ul>	vailable	And the second s

#### **Sharps Container BD**

Size / Colour / Unit	SKU
Small 1.4L	205677

Keep all sharps, such as needles, scalpels, glass etc in this purpose built container for collection by medical disposal

- Meets MPI regulations for Operation of Farm Dairies
- Designed for safe disposal of all sharp materials
- 100mm x 100mm x 200mm high
- Wall bracket available





## **Veterinary Book for Cattle Farmers**

Size / Colour / Unit	SKU
Each	223609

Get comprehensive insights on veterinary procedures for dairy, beef, and dry stock farms from renowned Taranaki veterinarian Cathy Thompson BVSc. This book is complete with instructive text and close-up photographs, providing a realistic look at real-life farming.

- · Comprehensive guide for all veterinary procedures
- · Features close-up photos for clear understanding
- · Written by a renowned Taranaki veterinarian
- · Essential resource for dairy and beef farmers

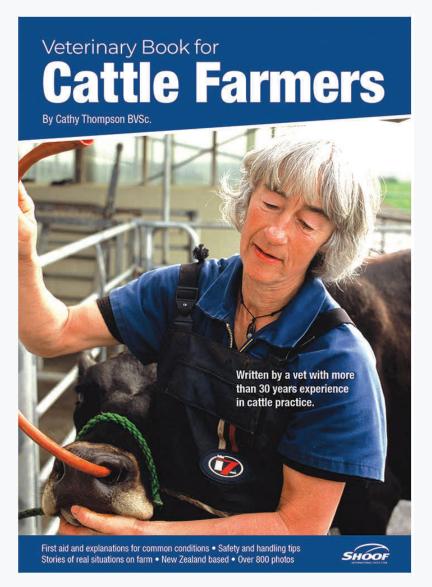
# Written by a Vet with more than 30 years experience in the cattle practise

This book is an amazing compilation of photographs and instructive text covering all aspects of veterinary procedures common to dairy, beef & dry stock farms.

- First-aid and explanations for common conditions
- · Safety and handling tips
- Stories of real situations on farm
- Over 800 photos!

#### Warning:

This is the real world of veterinary procedures. Definitely not suitable material for children, city folk or the coffee table, but essential for the real dairy or beef farmer to have on hand.



## Calving

Calving season is an extremely busy time of year. It's important to have the gear you need on hand to assist cows in calving – such as obstetric lubricants, calf pullers, and hip clamps, alongside accessories such as ropes, handles and gloves.

Make sure you get your Calving Gear sorted early and have a "kit" to take out into the field with everything you might need. Include a notebook so you know what needs replacing. Our recommendations for your calving kit can be found below, and don't forget your wet weather gear, a torch and spare batteries!

#### What's in a calving kit?

- · Bucket with a lid to contain kit
- Metabolics (clearly labelled milk fever treatments and starter drench)
- · Calving ropes or chains (remember to clean after each use) & handles
- 2 litre container of lube (a plunger pump is an easy way to dispense lube)
- Towel and soap for cleaning hands
- Notebook and pencil (A pencil will still work in wet conditions unlike a pen)
- Ear tags or other calf identification system (pre numbered tags save time and reduce recording mistakes)
- Spray paint red plus another colour (red can indicate a warning eg withold milk communicate this with staff)
- Gloves
- · Head torch and batteries
- Iodine spray for navels pre mixed with water (do not use teat dip as an alternative)
- Key contact numbers (Vet, manager on laminated sheet)
- Food/energy bars

### Vet-Rope Leg Rope

Size / Colour / Unit	SKU
2.5m	207632

Soft and safe Vet-Rope by Shoof. Made of 24mm marine-grade polyester, flattens out when wrapped around a limb. No cuts, burns, or chafing. Won't rot and gets better every cold wash. Available in 2.5m or 2.8m (following requests) with eye splice one end.

- Multi-purpose 24mm rope for large animal handling
- Soft & safe flattens to disperse limb pressure
- Marine grade will not rot & improves with washing



#### **Gloves Exam Genia Ecogan**

Size / Colour / Unit	SKU
100pk	219511

Ecogan exam gloves: Genia's budget-friendly option. Medium feel and puncture-resistant. Ideal for low-cost, one-time use. 25 microns, 100-pack.

- Disposable shoulder length glove
- Medium protection & puncture resistance
- Economy offering for single-use applications



#### **Gloves Exam Genia Polygan**

Size / Colour / Unit	SKU
Small (87cm) 100pk	225467
Medium (90cm) 100pk	225468
Large (95cm) 100pk	225469

Introducing Polygan Examination Gloves from Genia – designed to redefine both quali and affordability in examination gloves. Manufactured with attention to detail, these gloves boast unparalleled 'feel' sensitivity paired with exceptional puncture resistance fortified seams, and heightened tear resistance.

- · Quality disposable shoulder length glove
- · Highly tear-resistant with thin, strong seams
- · Great 'feel; sensitivity
- Cost-effective
- Polyethelene 24 micron thickness



#### **Gloves Exam Genia Maxogan Shoulder**

Size / Colour / Unit	SKU
50pk	219509

Shop our green polyethylene gloves with armpit protection and neck slip-over. Standard and disposable, with 25 microns and 124cm length.

- · High protection disposable shoulder length glove
- Full shoulder & armpit protection
- · Ideal in wet & dirty conditions



#### **Gloves Exam Genia Progan**

Size / Colour / Unit	SKU
100pk	219510

Progan exam gloves provide superior puncture resistance and medium feel. Perfect for repeated examinations where safety is critical. Available in two sizes, small & medium. 30 microns, 100-pack.

- · Heavy-duty disposable shoulder length glove
- · Highly tear-resistant with thin, strong seams
- Ideal for multiple examinations







## Vink Calf Puller/ Calving Jack

- · Worlds best selling calving aid
- One person operation
- · The only single-handed calf puller
- · Will not slip out of position due to unique rump frame
- · Quick release lever feature for immediate tension let off
- Available in two pole lengths standard 160cm & long 180cm
- · Tried and trusted for many years
- · More than pays for itself in its lifetime. Best in class
- Energy saving for farmer, cow & calf. Even in a normal calf delivery a pull of 150-250kg is required
- Permits pulling tension in multiple planes; straight, up or towards udder. Pole can also be moved sideways up to 30 degrees
- 10cm stroke allows farmer to synchronize pulls & rests with natural contractions
- · Wholly constructed in stainless steel. Trouble-free servicing
- Manufactured in Netherlands

#### **Calf Puller Vink**

SKU
201034
201038
201031

The best-selling Calving Jack aids in safe and humane calving of cows. Its frame fits over cow's hip bones, maintaining steady support, and its stainless steel structure ensures longevity. Also available in long pole mode. Replacement parts available.

- · Worlds best selling calving aid
- Safe and humane calving assistance
- · Hangs onto cow whether standing or sitting



#### **Calf Puller Fast-Lock**

Size / Colour / Unit	SKU
Each	219055

Shoof Fast-Lock is an all-stainless and nylon 3-pulley system. Popular as a calf puller, it includes calving chains or ropes on the calf's legs, and a rope lock and release mechanism on the double-block. Fast-Lock pulley system comes in a self-draining carry bag & uses 7.2m of 10mm polyrope.

- · 3-pulley system
- Rope-operated locking mechanism
- Stainless steel componentry



Features 2 x D-shackles that make attaching to vet race/ pipeworks easy!



### **Calving Rope 7mm Double-eye**

Size / Colour / Unit

Discover the best ropes for uncomplicated calving assistance. 1.1m length. Improve your calving process with our ropes today.

222301

- · Round rope for use with calving
- 7mm wide and 1.1m Length
- · Available as single or double eye-loop
- · Reduces complications

Pair



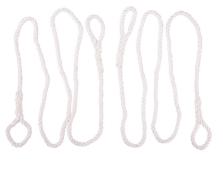
#### Calving Rope 9mm Double-eye

Size / Colour / Unit	SKU
Each	222166

The Calving Rope 9mm Double-eye pair a reliable tool for those in the farming industry

· Round rope for use calving

- 9mm wide and 1.1m Length
- Double-eye loops



#### **Calving Rope 12mm Flat Braid White**

213186

Soft and coreless flat-braid rope, 12mm wide, 1.8m long. Perfect for single or double use, with color options to ID left/right leg.

- · Softer feel for comfortable grip
- · Flattens to 12mm for secure hold
- 8m length for versatile use
- · Color-coded for easy identification



#### **Calving Rope 20mm Flat Braid White**

Size / Colour / Unit	SKU
Each	211076

Soft and coreless flat-braid rope, 12mm wide, 1.8m long. Perfect for single or double use, with color options to ID left/right leg. Heavier than normal calving/foaling ropes.

- · Flat-braid rope flattens around a limb of Calf/Foal
- · 20mm wide and 1.8m length
- · Double-eye loops





#### **Calving Chain**

Size / Colour / Unit	SKU
Short	201059
Long	201058

High-quality stainless steel chains with oval end loops for internal use. Two designs: Short 80cm. Long 150cm with middle loop-link.

- High-quality stainless steel
- 80cm length of chain
- Oval end loop for ease of use

#### **Calving Chain Handle Stainless**

Size / Colour / Unit	SKU
Each	201051

Get a grip with our stainless steel calving chain handle. Improved rubber dip for comfort. Hooks easily for use with ropes & straps. Best used as pair.

• High-quality stainless steel

- Use with calving/foaling ropes and chains
- Improved rubber dip grip







## **Shoof Obstetric Lube & Pressure Pump**

- · Aides in difficult births, pregnancy ultrasound and obstetric tasks
- · Eases the passage for the calf and cow preventing injury
- Allows easier calf manipulation repositioning or extraction
- Reduces cow stress and serves as a barrier against potential infections
- Viscous, non-irritant, non-toxic, ready to use no mixing
- Cetrimide stabiliser (not suitable for A.I see AquaLube)
- Available in 1L, 2L, 5L & 20L sizes up to 200L drum if required
- Significant price saving compared to competitors
- Compatible with Shoof OB Lube Pressure Pump
- Pressure pump delivers a large volume of lubricant (1L/min)
- · Ensures lubricant is delivered exactly where required in birth canal
- · Flow rate is consistent and maintains lubrication throughout calving
- Reduces OB lube waste significantly. Shoulder tap allows easy control of flow
- 5L capacity and 2 metre delivery hose
- · Designed and manufactured in New Zealand by Shoof

#### **Obstetric Lube Pressure Pump**

Size / Colour / Unit	SKU
Each	214522

Designed for controlled and direct delivery of obstetric lubricant to where its required, the lube pump ensures minimal waste and mess. Bottle is pumped prior to use and pump delivers OB lube through 2m long flexible hose, controlled by shoulder valve.

- · Easier calving with exact placement of obstetric lubricant
- Minimise lubricant waste and mess
- 2m long hose with shoulder valve for controlled delivery



#### **Shoof Obstetric Lubricant**

Size / Colour / Unit	SKU
2L	204890
5L	204892
20L	204891

Shoof Farm brand obstetric lubricant, perfect for difficult births and pregnancy diagnosis. Cetrimide formula. Use for assisted calving's & obstetric tasks

· Cetrimide formula (not A.I. suitable)

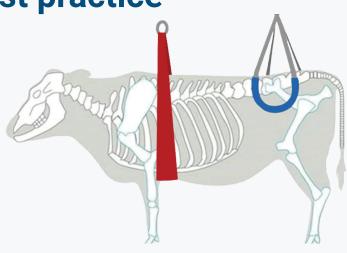
Can be used with OB Lube pressure pump





## **Down Cow Lifting - best practice**

A breast strap under the brisket in conjunction with hip clamps is good practice as it helps the cow up onto her front legs as her hips are raised. The additional support also minimizes discomfort for the cow and provides some additional restraint making the process safer for you and the cow.



#### Rules for nursing a down cow

- Provide clean, dry and soft bedding, that will provide a non-slip surface when the cow tries to stand
- Provide a continuous supply of clean water and good feed
- Move the cow from side to side every 3 hours to ensure her weight is not always to one side and flex and extend the hind limbs each time the cow is moved
- Regularly hand strip milk from the udder
- Regularly encourage the cow to rise
- Use lifting devices to get her to her feet only, never leave cows hanging in lifting devices •
- Regularly re-assess her progress and diagnosis

#### **Cow Lifter Liftease**

Size / Colour / Unit	SKU
Each	216095

Introducing Liftease, a strong and easy-to-use sling-lift device designed to increase cow comfort and prevent hide damage. Lift up to 2,000kg without risk and use the three lift loops for variation in lift height. Prevent skin ulcers with its enclosed design. Perfect for horses too.

Increased cow comfort

- · Enhanced safety for cow and handler
- High strength and durable

### **Daisy Lifter**

Size / Colour / Unit	SKU
Standard Blue (Medium dairy breeds)	210746
XLarge Red (Large dairy or beef breeds)	210747

The Daisy-Lifter sling for cow lifting is designed to reduce pressure points and offers support for mediumterm lifting. Fully adjustable for any size animal. Max lift load: 1,000kg. Supplied in handy carry bag. Two sizes available: Standard and X-Large. Replacement gambrel available.

- · Cow is supported over large body area
- Adjustable rear straps
- · Standard model and x-large model









## Hip Clamps - Vink & Kerbl

- Cows that cannot stand due to milk fever or calving paralysis can still be saved
- Hip clamps are used to safely assist cows to their feet they are not for suspending cows in the air, their feet should not leave the ground
- Hip clamps are also use for assisting in the replacement of prolapses
- Indispensable on every dairy farm
- · Our hip clamps feature removeable, double-direction spindles

#### **Cow Lifter Belly Strap**

Size / Colour / Unit	SKU
Each	222233

The Shoof Belly Strap supports comfortable lifting with its 20cm-wide belly support, perfect for use with a hip clamp device. Practical and efficient at 2.4m ring-to-ring. Recomended by DairyNZ.

- Use with hip clamp devices (see DairyNZ website)
- Provides support behind front legs
- · Tear-proof PVC sling with webbing reinforcement



#### **Cow Lifter Hip Clamp Vink**

Size / Colour / Unit	SKU
Each	201616

Top-of-the-range hip clamp with double-direction spindle thread for fast closure. Removable handle ensures safety of user and animal, prevents clamp from bending during use. Galvanised finish, made in the Netherlands by Vink-Elst. Replacement handle and spindle available.

- · NZ's most popular cow lifter
- · Double-direction spindle for fast closure/release
- · Removable handle for safety & damage prevention



#### **Cow Lifter Hip Clamp Kerbl Standard**

Size / Colour / Unit	SKU
Each	201613

Get faster closure and release of down animals with the Kerbl hip clamp. Powder-coated frame, double-direction spindle thread, galvanised mechanical parts, and rotating wood handle. Replacement handle, spindle & bushes available.

- · High-quality hip clamp from Kerbl Germany
- Double-direction spindle for fast closure/release
- · Rotating handle can be used either side





### **Cow Rumen Drenching**

Transition cows (3 weeks prior and 3 weeks post calving) are at a high risk of a number of metabolic disorders that can affect dairy farm profitability. The significant nutrient requirements for a rapidly growing calf and for the preparation of the udder for lactation often result in dairy cows being in a state of negative nutrient balance. Although many commercial balanced diets can help to minimise the negative nutrient balance, many dairy cows will still benefit from the oral administration of a fresh cow drench immediately after calving.

The classic method was to fill a wine bottle with whatever electrolyte fluid or starter drench that was required and put it down the cow's throat. Invariably, a third went down her throat, a third went into her lungs and a third went on the ground. For low volume (1-2 litres) you would use a Shoof Easy Drencher or Shoof Big Drencher which is much safer than a glass wine bottle which could break. A lot of the low volume 'starter drenches' or 'jump start' drenches get supplied in what looks like a plastic wine bottle for this reason. But many farmers and vets also make their own starter drench recipes up and would use these bottles to administer these.

A rumen drench pump on the other hand helps facilitate giving cows large volumes of oral fluids. These pumps have a metal tube (trocar) that goes down the throat and can be clipped onto the nose so the cow can't spit it out. It's very safe to use and almost impossible for it to go down the wrong way. The pump is attached to the tube and you can dose the cow in a very short period of time. Twenty litres of liquid might take a minute to administer. These pumps can also be used to help cattle suffering from bloating. Once the tube is in place, the gas is dispelled, and medication can be administered directly to the stomach via the pump.

Twenty litres might sound like a lot but cows stomachs have a capacity for 150 litres so you can see how just 1-2 litres doesn't really go very far!

#### **Bovivet Rumen Drenching System**

Size / Colour / Unit Each

Bovivet rumen-drenching system for large volume cattle drenching. Includes a 600ml chromed-brass pump. The tubing assembly features 3.5m of polyurethane tubing with a smooth surface for cow comfort. The weighted end-caps (supplied) vary in size for young and mature stock. The strong plastic tubular gag has a nose clamp and tie cord for secure attachment to the cow's nose and jaws.

**SKU** 213701

- Large volume double action pump
- 3.5m of smooth tubing reduces oesophagus irritation
- Polyurethane tube withstands cleaning chemicals
- · Weighted end-caps in 30mm and 40mm for young and mature stock





#### **Drench Bottle Big Drencher**

Size / Colour / Unit	SKU
Each	213701

Introducing the 2.5L Big Drencher: perfect for volume drenching mature cattle. Ideal for use with Easy Feeder calf feeding bottle, or fits onto Speedy Feeder. Replacable probe lid.

- · Big Drencher probe for volume drenching of mature cattle
- · Wide neck for easy filling of drench products
- · Good hand-grip for easy handling in drenching
- · Big Drencher probe fits Speedy/Easy Feeder bottles

#### **Drench Bottle Easy Drencher**

Size / Colour / Unit	SKU
Each	213553

Safe, easy and purpose-designed all-plastic bottle to administer volume drenches to mature stock. Features easy-grip handle, 1.2L capacity, marked in 100ml levels, 12cm-long safe plastic probe, wide 63mm neck opening. Perfect for hassle-free drenching.

- · Simple & safe cow volume drencher bottle
- 12cm plastic probe & easy grip handle
- 1.2L capacity with wide neck for easy filling/cleaning

#### **Cow Hobble Welfare Approved**

Size / Colour / Unit 201600

Padded leg bands, double layer fastening, and 35cm leg spacing for comfort and mobility.

SKU

· Padded leg bands minimise rubbing.

Each

- · Double Velcro fastening ensures security.
- Easy to remove, even when dirty.
- 35cm leg spacing for reasonable mobility.



#### **BOS Cow Leg Splint**

Size / Colour / Unit	SKU
Small 47cm (Blue)	210354
Large 51cm (Orange)	210353
X-Large 56cm (Lilac)	210355

This product effectively treats calving paralysis and allows for normal mobility. Includes adhesive bandage, suitable for different cow sizes and can be molded to required shape with heat gun. Reuseable with new bandage. Administer anti-inflammatories and consult vet.

- · Fixes calving paralysis
- · Easy application with adhesive bandage
- Immediate mobility after application
- · Three different sizes available



## **Post Calving**

Use identification tools, such as neck bands, to quickly identify illness, treatment, feeding requirements and more. Mark and inform staff of what the different coloured neck bands mean for seamless handover.

Umbilical cord clamps prevent disease entering navel cords and are particularly useful in wet and muddy conditions. Use with a naval spray for even more effectiveness. Calves are born with only 3% body fat, and the optimal environment temperature for calves is between 15 and 25°C. When a calf is cold, they require more energy for maintaining body temperature which reduces the energy available for growing. Calf covers can be used for warmth to give them the best start, reduce stress and ensure their energy goes into growing.

A thermometer will help you quickly identify sick calves for attention and treatment. A healthy calf will have a body temperature between 38.5°C and 39.5°C, above 39.5°C indicates a fever.

#### **Calf Velcro Neck Bands**

SKU
208957
208958
209166
208959
208960
208961
207415

Hook and loop type nylon bands for quick and easy calf identification, whether for identity at birth, or for signifying treatment with antibiotics or sulphur drugs. Also useful for marking different age, rearing or treatment groups. Washable, reusable & highly visible neon colours. 59cm long, 2.5cm wide. Packs of 10.

- · Velcro nylon band for easy fitting
- Quick and easy calf identification
- Washable & reusable for sustainability
- · Manage treatment & age groups easily

#### **Umbilical Cord Clamps**

Size / Colour / Unit	SKU
100-pack	210698

Protect newborn animals from E.coli and Joint-ill with our umbilical cord clamps. Attach immediately after birth, remove after 24-48hrs. Disinfect and reuse. Available as 50-pack or 100-pack.

- · Prevents disease entering navel cords
- · Easy to use: Simply clamp & remove after 48 hours
- Disinfect and reused or leave to fall off naturally
- · Place 5mm from top of umbilical cord





www.shoofint.com

#### **Repiderma Spray 250ml**

Size / Colour / Unit	SKU
Each	215355

Repiderma aerosol spray is an effective protective wound repair solution for all animals. It contains copper and zinc known for their adhesive and protective properties that promote healing and anti-microbial properties. Best used twice, 3 days apart. Manufactured in Netherlands.

- · Protective antibiotic-free wound spray
- · Especially useful for hoof lameness treatment
- · Contains copper & zinc for healing stimulation
- Dries quickly with strong adhesion & protection

 Hind leg 41cm (Green)
 210352

 Correct contracted flexor tendon (knuckle under) in calves with BOS splint. Apply to back

SKU

210350

of the leg for normal mobility. Can be modified, remove after 4-5 days.

· Correct 'knuckle-under' in newborn calves

**BOS Calf Leg Splint** 

Size / Colour / Unit

Front leg 46cm (Yellow)

- · Animal resumes full mobility immediately
- · Easy application with included adhesive bandage

#### **Thermometer Digital Large Animal**

Size / Colour / Unit	SKU
Each	212772

12cm waterproof veterinary thermometer with a range of 32°C to 42°C, perfect for large animals. Includes protective cover.

- · Long 12cm probe for large animals
- Robust and waterproof design
- Accurate temp range of 32°C to 42°C
- Indicates "LOW" for temp below 32°C
- A healthy calves body temperature is between 38.5 39.5 C



#### **Thermoo Calf Cover**

Size / Colour / Unit	SKU
Small Burgundy	225245
Medium Pink	225248
Medium Blue	225246
Large Light Blue	225247

Introducing the Thermoo Calf Jacket- a premium design. Manufactured in durable materials; waterproof, rip-stop outer layer, belly strap, smooth lining, metal clips and 200g polyfill. Support for newborns, weak, sick, & cold calves. Waterproof & machine washable. Available in 3 sizes, also great for goats, dogs, alpaca, & similar animals.

- Premium warmth for vulnerable calves
- Waterproof, rip-stop durability
- · Easy care with machine washability











## **Calf Rearing**

### Why is Colostrum so important?

Cows do not transfer antibodies across the placenta like other mammals. Immunity for calves comes from colostrum and is absorbed across the gut. The gut starts closing once the calf is born, hence the first 24 hours are crucial. A newborn calf can absorb large IgG (antibody) molecules, BUT from birth that calf gut starts to close and at 12 hours old it is unable to absorb large IgG molecules and at 24 hours the gut is closed.

FPT (Failure of Passive transfer) occurs when a calf does not get enough quality colostrum and therefore transfer of antibodies. If you are not sure, calves can be tested at 7 days old via a blood test.

If a calf does not feed from its mother, it ideally gets quality colostrum within 1-3 hours for antibody transfer, to avoid FPT. Why? When a calf does not get enough antibodies, it can get sick, potentially die, and not grow or produce as well. It will also take up a lot of resource at an already busy time.

It is recommended that you test cows individually for colostrum quality (brix), using 'test buckets'. You can then separate out Gold (A+/22%+) colostrum and store in the fridge or freezer for future use.

To ensure maximum antibody protection is given to new-born calves, 2-to-4 litres of good quality colostrum should be fed in the first 12 hours of life. Colostrum quality can vary significantly between cows. A BRIX-scale refractometer (page 25) enables you accurately and quickly assess colostrum quality. A refractometer is easy to use - After checking calibration of the instrument with distilled water, two drops of the colostrum to be tested are placed on the glass prism. The instrument is then aimed towards the light and the colostrum level is read off the internal scale. Readings above 22% indicate high-quality colostrum gold.

Don't have 22%+ colostrum? Just use the best you have - for every 1% increase in the Brix%, the odds of FPT decreased by 33%.

Brix can also be used to indicate:

- Very high brix = the cow has not calved OR has milk fever or mastitis
- Very low reading = it has likely fed a calf





### The three Q's of Colostrum

- Quickly within 3-6 hours
- Quality 22+ brix or the best you have
- Quantity 10% of bodyweight in 2 feeds

## Hygiene



Hygiene is also very important as bacteria affects the absorption. Bacteria bind to the antibody molecule and are too big to absorb across the gut. They can also sit in the pores of the gut and block absorption.

Contamination can come from multiple sources for colostrum storage and handling, so we recommend:

- Scrupulously clean test buckets (hot soapy water to remove fat residue) and storage containers, and use lids, labels for date and quality.
- Feed, refrigerate or freeze colostrum within one hour of collection. High-bacteria colostrum needs to be used sooner and very clean colostrum can be kept longer. Colostrum is best stored in the fridge or the freezer.
- If storing in the fridge, only keep colostrum for 4-7 days. After that, quality declines. Be sure the refrigerator is cold (0-4 degree C) to reduce the onset of bacterial growth. Using a preservative, such as potassium sorbate, will stop bacterial growth and extend the length of time colostrum can be stored, up to seven days.
- Keep frozen colostrum for six months or less. While not everyone agrees on how long frozen colostrum can be stored without damage to the antibodies, most researchers agree the six-month mark is safe. If freezing colostrum, it is a good idea to use bags with a label of date and quality, that will stack neatly, and the increased surface area of the bag will rapidly cool and thaw the colostrum. Freezing will stop bacterial growth however it will not decrease the bacterial counts that are already present when put into the freezer.
- Thaw frozen colostrum with warm water or a pasteuriser. The main concern regarding thawing frozen colostrum is to thaw the ice without degrading the immune proteins. Colostrum is best thawed with warm (not hot) water. Add more water to the bath as the frozen colostrum cools down the water.







#### **Calf Rearing**

Cleanliness is key. Whichever way you chose to store colostrum, the basic principles
of cleanliness still apply. Milk cows and store colostrum in clean buckets. Transfer
to single serve containers or bags that you can write the date and quality on. In
conclusion, storing colostrum in the fridge or freezer provides you with flexibility
to ensure that a newborn calf has high quality colostrum available within hours of
birth. The refrigerator can store colostrum for a few days, while the freezer can
effectively store colostrum up to six months. The advantages of storing colostrum in
the refrigerator or freezer, or some combination of both is to ensure there is always
colostrum available on your farm.

#### **Recent recommendations from Dairy NZ**

- Feeding milk twice daily for two to four weeks, allows the calf to consume and digest adequate amounts of milk, and therefore energy to maintain good health and growth
- Adlib feeding systems also provide these benefits while conserving labour. Automatic rearing systems allow calf to choose when and how often they feed, mimic natural behaviour of a calf on a cow
- Properly managed automated system have been found to reduce nutritional scour or non-infectious scours and the need for additional labour

#### Herd Test Bucket Clear Colostrum

ski ski	Size / Colour / Unit
224316	Each

Providing quality colostrum early in life is the right thing to do for your newborn calves. Make calf rearing easy with our new bright yellow Colostrum Collection bucket.

The clear polycarbonate bucket allows the user to view the colour and quantity of the milk and is clearly marked as 'Colostrum Only' with a wide bright yellow base to avoid an confusion in the dairy shed.

Brix test and milk directly into the 32L bucket to avoid bacteria contamination. Colostrun milk taken from a Cows first milking can be checked with a brix refractometer and milk with readings of 22+ should be collected and set aside as 'Gold' colostrum for feeding to newborn calves.

The quality of colostrum can vary greatly from cow to cow, and it may be that calves darr can not produce colostrum with a brix reading of 22+ so safe collection, storage and feeding ensures that each calf gets allocated the best quality available and an adequate supply.

Bucket can be easily cleaned with hot soapy water between uses. Stainless steel lid also available for rough users.

Tip: Feed calves from youngest to oldest (sick calves last).

- Safely collect & store colostrum
- Avoid confusion in the dairy shed
- View milk colour and quality





NEW

#### Antahi Digital Refractometer

Size / Colour / Unit	SKU
Each	225221

Accurately measure colostrum and serum IgG levels with our fast, portable digital refractometer. Eliminate subjectivity with automatic temperature compensation.

- Eliminate subjective readings
- Measures colostrum & serum IgG
- Fast & portable



#### **Refractometer Colostrum Dairy/Equine**

Size / Colour / Unit	SKU
Each	215025

This BRIX-scale refractometer enables you to easily test colostrum quality and the levels of antibodies, also known as colostrum immunoglobulin's (IgG), in the quality of cow or mare milk. After checking calibration of the instrument with distilled water, two drops of the colostrum to be tested are placed on the glass prism. The instrument is then aimed towards the light and the colostrum level (approx. 19% to 24%) is read off the internal scale. Readings above 22% indicate high-quality colostrum. You can start by testing the pooled colostrum. If this is of poor quality you will need to test individual cows as they will give very different results Supplied in a quality soft fabric carry case, complete with sampling pipette, small screw driver and instructions for use.

**NB:** Some practice, or expert help, may be required to become proficient in use of this instrument.

- · Reassurance of gold standard colostrum
- BRIX scale specifically for Cow/Mare milk
- · Accurately and quickly test colostrum quality



Identify high quality colostrum milk

Eliminate data

interpretation





## **Trusti Colostrum Bags**

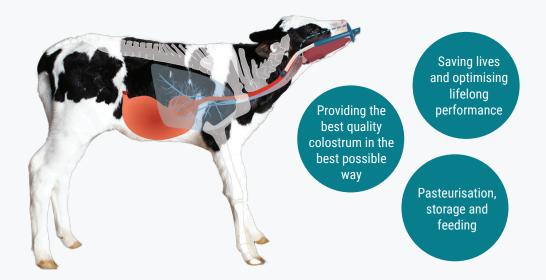
Trusti Colostrum bags provide the ideal method for readily supplying high quality colostrum to your calves, lambs, kid goats, foals and other species. They enable quick cooling, storing, rapid thawing, direct hygienic feeding from the bag and also safe pasteurisation.

#### **Key features:**

- Reusable bag AND a reusable Tuber
- Benefits of a bottle and a bag
- Large cap for easy filling
- Transparent side easy to clean and see volume
- Superior strong handle can be hung, carried, stored
- Sizes: 4L, 2L, 1L, 0.5L
- High quality feeding accessories
- · Pasteurise and quick thaw in Trusti Pasteur Pro
- Buy in 10x, 50x, or 100x packs
- Designed to be used 5x
- Stored flat for quicker thawing

#### How to maintain quality:

- · Hygiene Clean and sterilise equipment
- Fridge 3 days unpasteurised, 8 days pasteurised
- Freezer 6 months storage Bags are best for fast freezing and thawing
- Pasteurisation 60 degrees for 60 minutes for colostrum needs to be accurate temperature
- Colostrum management system makes it easy!





Check out our YouTube videos!



#### **Calf Rearing**

NFV

#### Antahi 4L Colostrum Bags only

225236
225237

Antahi's Trusti 4L Colostrum Bag Pack offers superior calf care with reusable bags that feature easy-to-clean, durable design, large spout, and pasteurization-friendly four-liter capacity. Compatible with award-winning Trusti Tuber and Flexi Tuber calf drenchers. Thermal insulation sleeve and feeding rack accessories available seperately.

- Makes colostrum management easy
- · Lay flat bag storage for guick freeze & thaw
- · Large spout for easy filling & cleaning

Individual tuber also available seperately to use with colostrum bags

#### Antahi 4L Colostrum Bag Kits

Size / Colour / Unit	SKU
4L x 5+Teat+Tube	225232
4L x 10+Teat+Tube	225233

Get superior calf care with Antahi's Trusti Colostrum Bag Starter Sets. These sets include 4L reusable bags with a transparent side for monitoring colostrum levels, large spout for effortless filling, and innovative air-drying design. Supplied with the award-winning Trusti Tuber calf drencher and peach test for easier and safer calf feeding.

- Makes colostrum management easy
- Convert from drencher to feeder
- Trusti tuber drench probe



Lay flat bags for fast freeze and thaw

#### Antahi 2L Trusti Colostrum Bags

Size / Colour / Unit	SKU
2L x 50	225235

Experience premium calf care with Antahi's Trusti 2L Colostrum Bag Pack–50 reusable bags with a transparent side, large spout, and innovative air-drying design for efficient storing, thawing, and pasteurising. Attach the award-winning Trusti Tuber and Flexi Tuber calf drenchers for fast and safe feeding.

- · Makes colostrum management easy
- · Lay flat bag storage for quick freeze & thaw
- Large spout for easy filling & cleaning





SHOOF 27

## **Trusti Pasteur Pro**

Trusti Pasteur Pro is a cutting-edge solution for pasteurising, thawing, and warming colostrum within Trusti Colostrum bags making the Trusti Pasteur Pro a practical and versatile addition to all farms seeking optimum colostrum management.

- · Maximum efficiency, maximum practicality
- · Utilises high quality colostrum to achieve optimum lifelong productivity in the herd
- ✓ Multiple programmes
- ✓ Multilingual
- ✓ Cooling function
- Solution Low energy consumption
- 🧉 Audio
- ✓ Automatic or Manual water fill
- ✓ No fixed plumbing required

- ✓ Display with progression graphs
- Quick programme selection
- High precision thermometers
- LED temperature lights
- Insulated tub
- ✓ Capacity up to 8 litres in bags
- ✓ Water efficient

#### Why should a farmer have a quick thaw/pasteurising machine for colostrum?

- · Providing the most important feed of an animals life at the right time
- Providing it at the right quality
- Providing it cleanly
- Reduce interference of antibody absorption
- Minimise disease from harvesting
- Disease eradication/reduction e.g. Johnes
- Healthier, better performing animal \$\$\$
- Extend the shelf life of stored colostrum
- Antibodies from the same farm



Check out our YouTube videos! The Pasteur Pro is an efficient size and function for any dairy farm. One for smaller herd sizes or multiple for larger herd sizes.

#### Youtube resources - @shoofinternational









#### Antahi Trusti Pasteur Pro

Size / Colour / Unit	SKU
Each	225379

Introducing Trusti Pasteur Pro: A versatile and innovative colostrum management system with precise temperature control, multilingual interface, and automatic/manual water filling. No fixed plumbing needed, making it a practical choice for farms seeking optimum colostrum management.

- · Elevate your calves health
- Ensure colostrum quality
- Boost herd resilience





### Trusti + Flexi Tuber

The kindest, easiest, safest, and fastest tube feeders on the market for feeding & drenching.

#### **Prior device problems**

- Calf cannot swallow naturally
- Airway insertion is a risk
- Pressure on airway during feeding •
- Scratches, bruising, pressure points
- Teeth damage the tube create sharp burrs
- It is not a straight line from the mouth to oesophagus! •

#### Advantages of Trusti + Flexi tuber

- Calf can swallow naturally •
- Risk of airway insertion is minimised •
- Low pressure on airway during feeding •
- Avoids scratches, bruising, pressure points •
- Teeth cannot damage the tube no sharp burrs, stays smooth
- Calf is comfortable 9/10 do not struggle •
- Easier to use •
- Safer in heavy/inexperienced hands •
- More versatile •
- Larger size range
- **Bloat relief**

Check out our YouTube videos!

The difference between the Trusti and Flexi Tuber is the mouthpiece design. Both mouthpieces are designed to be easily held in place with one hand. The Trusti Tuber has a circular guard which sits against the muzzle in a position similar to a baby's pacifier. The Flexi Tuber mouthpiece has a soft cross-bar which sits in the corners of the mouth, similar to that of a bit on a bridle. The cross-bar also has high wings to keep the mouthpiece central and has the option of using a head strap to secure it in place.

#### Youtube resources - @shoofinternational

TRUSTI

**FLEXI** TUBER

**TUTORIAL** 

SHOOF











NEW

NEW

#### Antahi Flexi Tuber Starter Pack

SKU
225230

Introducing Flexi Tuber - the award-winning, farmer/vet-designed calf feeder for safe, stress-free transitions between fluid & teat feeding. Prevents bruising, promotes calf well-being & comfort. Suitable for weak calves, tube feeding, rehydration, & bloat relief. The Flexi Tuber ensures a gentle process, avoiding harm to the calf. Starter kits include 4L bottle, teat cap and drench probe. Replacement drench probes available.

- · Kinder: Reduces calf stress
- · Easier: Mouthpiece for easy positioning
- Safer: Avoids bruising or injury



#### Antahi Trusti Tuber Starter Pack

Size / Colour / Unit	SKU
Each	225229

Introducing Trusti Tuber - the award-winning, farmer/vet-designed calf feeder for safe, stress-free transitions between fluid & teat feeding. Prevents bruising, promotes calf wellbeing & comfort. Suitable for weak calves, tube feeding, rehydration, & bloat relief. Now available in standard size and xtra-small for dainty calves. Starter kits include 4L bottle, teat cap and drench probe. Replacement drench probes available.

- · Kinder: Reduces calf stress
- · Easier: Mouthpiece for easy positioning
- · Safer: Avoids bruising or injury

#### Antahi Trusti Tuber XS Starter Pack

Size / Colour / Unit	SKU
Each	225231

Introducing Trusti Tuber - the award-winning, farmer/vet-designed calf feeder for safe, stress-free transitions between fluid & teat feeding. Prevents bruising, promotes calf wellbeing & comfort. Suitable for weak calves, tube feeding, rehydration, & bloat relief. Now available in standard size and xtra-small for dainty calves. Starter kits include 4L bottle, teat cap and drench probe. Replacement drench probes available.

- Suitable for dainty calves (<25kg)
- Kinder: Reduces calf stress
- · Easier: Mouthpiece for easy positioning

#### **Trusti Tuber for Colostrum Bags**

Size / Colour / Unit	SKU
2L & 4L Aqua each	225250
2L & 4L Purple (X-small)	225253

Trusti Tuber Award-winning calf drencher probe designed by vets and farmers. Prevents bruising and injury, reduces calf stress, and promotes well-being. Flexible tube and safety tip prioritize calf safety. Compatible with 4L and 2L Trusti Colostrum bags. Available in standard size (aqua) and xtra small (purple) for calves under 25kg.

- · Kinder: Reduces calf stress
- · Easier: Mouthpiece for easy positioning
- Safer: Avoids bruising or injury





#### **Calf Speedy Feeder Bottle**

Size / Colour / Unit	SKU
2.5L	207404
4L	213731

Speedy Feeders, made by Shoof, are three-speed feeders designed for feeding fast or weak calves. The three speeds control the air inflow to the bottle, reducing time wasted on speedsters and preventing drowning weaklings. The intelligently designed bottle features multi-directional easy-grip hand hold, low-mounted teat, wide-diameter neck for easy filling and cleaning, and a quick and easy to fit coarse-thread cap. Available in 2.5 or 4L sizes.

- Three-speed dial controls delivery flow speed
- · Clever design with multi-directional easy-grip
- · Wide neck for easy fill/clean & broad stable base



Speedy bottles are compatible with calf-feeder lids, drencher probes and the cow big drencher probe

Fitted with Peach Teat and

lids twist securely into

place to suit hand position

#### **Calf Feeder Easy Feeder Bottle**

Size / Colour / Unit	SKU
Each	207386

The Shoof 2.5L Easy Feeder has an intelligently designed bottle with stable base, wide neck for easy filling & cleaning, and low-mounted teat for complete emptying. Spare teats available.

- Single-speed 2.5L Calf feed bottle
- Clever design with multi-directional easy-grip
- · Wide neck for easy fill/clean & broad stable base



#### **Calf Feeder Bottle Excal Bottle**

Size / Colour / Unit	SKU
Each	207391

EXCAL 2L calf feeder with Fast-flow teat & non-return valve for easy suckling. Air valve covered with finger or thumb.

- Original trusted EXCAL Calf feed bottle
- Fast-flow teat & non-return valve assists suckling
- Cover handle air-inlet to slow drinking rate

#### **Calf Speedy Drencher Bottle**

Size / Colour / Unit	SKU
2.5L	211180
4L	213734

Upgrade your calf feeding game with the Speedy Feeder drencher, featuring a flowadjustable stomach feeder in 2.5L or 4L and a well-proven design rigid drench probe. Replacement rigid probes available. Optional flexi probes also available.

- · Proven design for effective drenching
- · Administer colostrum/electrolyte to newborns
- · Adjustable flow for easier stomach feeding
- · Probe assembly fits standard Speedy Feeder bottle



#### **Calf Rearing**

ΝΕͶ

Inverted tip

#### Antahi 4L Nursing Bottle

Size / Colour / Unit	SKU
Each	225199

Get reliable and leak-free feeding with the 4L Antahi Calf Feeder. Ergonomic design, large capacity, and easy-to-clean. Perfect for use with Trusti or Flexi Tubers (not included). Replacement parts available.

- · 4L capacity, reliable flow
- Ergonomic design for all hands
- Wide cap for easy filling

Compatible with Flexi + Trusti Tuber

#### **Teat Calf Excal Big Softy**

Size / Colour / Unit	SKU
Each	213696

The Big Softy replaces outdated gravity calf teats, solving leakage and suckling difficulties. Its inverted tip design prevents leaks and opens easily for calves, fitting all feeders with 22mm holes. NZ405207 design protected.

- · The soft tip no drip calf teat
- Use in gravity feeders or for bottle feeders
- Will fit 22mm (+/-1mm) teat hole feeders



#### **Teat Calf Excal Fast-flow**

Size / Colour / Unit	SKU
Each	206680

The internal shape of the EXCAL Fast-flow teat creates a pump-like effect as the calf bites it. The first biting action closes the base end of the teat, and further mouth closure forces milk out through the tip -almost the same effects as when the calf is suckling naturally. Fits standard 11mm o.d. tubing or can be fitted into a 22mm diameter drilled hole.

- · Simulates a calf suckling naturally from its mother
- · Unique internal chamber creates a pump like effect
- The fore-runner to calfeteria group feeding teats

## Tips for changing teats

Most people cut the old teats off on the front side and then pull what's left out the back with pliers/polygrips. A method we suggest is to put them in boiled hot water for a few minutes to soften them, then add a bit of dishwashing liquid, cooking oil or OB lube to lubricate around the teat base. Next, pull them through with a pair of polygrips or a dry towel to help grip. If you try to pull them straight through you will struggle. We suggest starting on a bit of an angle, use a circular motion or an up then down until you get one side situated/seated. Then work on getting the other side through.



### Why warm milk for calves?

Keeping calves warm means their energy goes into growing, rather than trying to maintain body temperature.

The calves metabolic rate, or rate at which energy is used, is greatest during the first two weeks of life. Cold weather and other environmental stresses increase the calf's energy requirements. Warming milk or colostrum to around 40 degrees is a common practice, and requires less energy for the calf to digest than cold milk. Calves are also inclined to drink more when milk is warm and this extra energy can be used to convert protein into body tissue, leading to faster weight gain.

Ensure the milk is not too hot – or it may become denatured and vitamins destroyed (above 70degrees). If milk is too hot, it can also cause hot discomfort for the calf. It can be a challenging to keep milk at the ideal feeding temperature in the winter, that's where a milk warmer can do the heavy lifting for you. Milk warmers can be set to a certain temperature and warmed up in advance – ready for feeding time. Milk warmers should be cleaned after use to avoid build up. A Teflon coated milk warmer is easier to clean, alternatively a heat exchanger can be used. A heat exchanger is filled with warm or cold water then placed into the full milk container, then the milk warmer placed inside the heat exchanger.

A suspension bar is recommended to hold the milk warmer in the container and off the bottom, our simple aluminium bar clips on and off the warmers shaft, span 50cm. We also recommend the heat exchanger thermal cap - heating time is reduced by 25% due to all heat being retained in the warmer, and the cap reduces steam and vapour entering the milk warmer electrics.

Note: If the heating element of your milk warmer is allowed to build up with coagulated milk or colostrum, it will fail. Build up also acts as an insulation barrier, causing great inefficiency in heat transfer. Milk or colostrum must be stirred regularly whilst heating. Setting the temperature higher than final requirement does not heat more quickly.







#### **Calf Rearing**

#### **Milk Warmer Electric**

Size / Colour / Unit	SKU
Each	204616

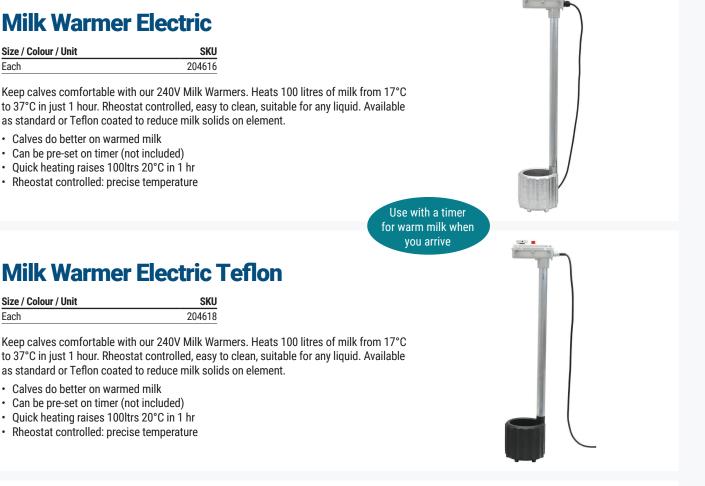
Keep calves comfortable with our 240V Milk Warmers. Heats 100 litres of milk from 17°C to 37°C in just 1 hour. Rheostat controlled, easy to clean, suitable for any liquid. Available as standard or Teflon coated to reduce milk solids on element.

Calves do better on warmed milk

Size / Colour / Unit

Each

- Can be pre-set on timer (not included)
- Quick heating raises 100ltrs 20°C in 1 hr
- · Rheostat controlled: precise temperature



#### Milk Warmer Heat Exchanger Stainless

Size / Colour / Unit	SKU
Each	215695

Eliminate the hassle of cleaning your milk warmer with the all-stainless Heat Exchanger from Shoof. Fill Heat Exchanger with 15L of water and milk warmer and then place in full milk container to heat milk indirectly. Reduces element build up and the risk of milk warmer element failure. Optional thermal cap available.

- · Eliminates milk solids build-up
- · All-stainless steel construction
- · Heats slower than direct immersion of milk warmer
- · Reduces tedious cleaning and risk of element failure



Thermal caps available

#### **Milk Powder Whisk Farmhand**

SKU
213925

Fast and efficient mixer for your cordless drill. Beat powder lumps smooth in seconds with stainless steel wire loops. Ideal for deep containers. Length 89cm.

- Easy operation
- · Durable, stainless steel construction
- · Easy to clean





#### **Milk Powder Hand Whisk**

Size / Colour / Unit	SKU
45cm	204612
60cm	204613

Stainless steel jumbo whisk for easy mixing of milk powder in small quantities. Fast and efficient cleaning. Length overall. dimension.

- Jumbo size for efficient hand mixing of milk
- Beat out milk powder lumps quickly
- Stainless steel for durability and hygiene
- Available as 45cm or 60cm.



Size / Colour / Unit	SKU
Each	204605

Efficiently mix small containers with ease using this galvanized steel drill mixer. Hang it up with the convenient knob on top. 63cm length, 10cm disc diameter.

- · Fast mixing with electric drill
- · Convenient hanging knob included
- · Durable galvanized steel construction
- · Compact size for easy storage and transport

#### **Milk Powder Plunger Galvanised**

Size / Colour / Unit	SKU
Each	204606

Galvanised steel plunger, 100cm long, with 17cm disc diameter. Mixes milk powder in larger containers effortlessly. Traditional and simple.

- · Quick milk powder mixing
- All steel construction
- 100cm length for larger containers
- 17cm disc diameter for thorough mixing

#### **Milk Powder Plunger Stainless**

Size / Colour / Unit	SKU
Each	204610

Food-grade stainless mixers for larger drums. Efficient & reliable. 304 stainless steel. 110cm long.

- · Efficient mixers save time & energy
- Food grade (304) Stainless steel
- Ergonomic handle
- · Extra wide disc maximises plunge effect



## **Mixing Replacer Tips**

When it comes to mixing milk replacer and feeding it to calves, there are a surprising number of issues that can creep up. How we measure milk replacer powder, mix it with water and the temperature at mixing and feeding time affect both the milk replacer and calf performance.



#### **Measuring and Mixing Milk Replacer**

How you mix has a big impact. One way is to add powder to water. The powder displaces some of the water, resulting in more liquid than you started with. For example, mixing 300 grams of powder into 2 litres of water gives you about 2.3 litres of solution with about 13% solids. The second mixing method, where you mix 300 grams of powder and then add water to bring it to a final volume of 2 litres, has about 15% solids. In general, higher solids increase average daily gain. 15% solids is a good cut-off for most situations.

Inconsistent mixing rates of CMR can cause nutritional upset, scours, bloat and poor performance. Decide on a mixing method at the beginning of the season and stick to it. Any changes should be gradual and over a period of three to four days.

#### The importance of water for calves

Ensuring healthy calves requires providing water separately from milk right from the start. Despite being on a liquid diet initially, offering water is crucial for optimal growth. Water serves vital functions in calf hydration and rumen development. Unlike milk, which bypasses the rumen, water enters this vital digestive organ along with starter feed. It creates a habitat for ruminal bacteria necessary for fermenting grain and hay. Without sufficient water, rumen development slows down significantly. Separating water from milk encourages higher dry feed intake, promoting weight gains. Clean water should be available to newborn calves, whether housed individually or in groups, right from birth.



### Thermoo

Introducing the Thermoo Calf Jacket, a result of extensive veterinary and calf-rearing expertise, offering a premium design and carefully selected materials to ensure the utmost practicality for newborns, weak, sick, and cold calves, as well as goats.

Born with only 3% body fat, calves require extra milk below 15°C to counteract energy loss maintaining body temperature. The long-lasting Thermoo Calf Jacket diverts energy for feeding, immunity, and growth. Specifically designed with a waterproof, rip-stop outer layer, belly strap, machine washability, smooth lining, and 200g polyfill, it features durable metal clips, a cosy neck extension with easy vein access, and an adjustable design for growing calves.

Available in three sizes, the Thermoo Calf Jacket ensures optimal warmth and care for a variety of animals.

#### **Thermoo Calf Cover**

Size / Colour / Unit	SKU
Small Burgundy	225245
Medium Pink	225248
Medium Blue	225246
Large Light Blue	225247

Introducing the Thermoo Calf Jacket- a premium design. Manufactured in durable materials; waterproof, rip-stop outer layer, belly strap, smooth lining, metal clips and 200g polyfill. Support for newborns, weak, sick, & cold calves. Waterproof & machine washable. Available in 3 sizes, also great for goats, dogs, alpaca, & similar animals.

- · Premium warmth for vulnerable calves
- Waterproof, rip-stop durability
- Easy care with machine washability



#### Antahi Calf Cover Large Lightweight

Size / Colour / Unit	SKU
Each	225394

Antahi's Lightweight Calf Cover protects your calves, goats, alpacas & similar-sized animals from weather & coat damage, with a unique design for easy access & temperature regulation. Our lightweight version does not have polyfill.

- Support thermoregulation
- · Provide protection from weather
- Machine washable waterproof rip-stop fabric







"Second year of use and still awesome. Lovely knowing they were all snuggly and protected outside"

Shell and Ant

My husband has already said he wants your covers next season, they are far superior and don't move on the calf or fall off!!

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5 out of 5 stars

T

Tina Hardy



#### **Infrared Heat Bulb**

Size / Colour / Unit	SKU
100W Clear each	215620
100W Red each	215619

Affordable Kerbl heat lamps from Germany! PAR38 design saves 30% energy, 5,000-hour lifespan at 240V. Clear lamps emit light and heat; red lamps offer minimal light. Ideal with a reflector.

- · 30% energy saving
- · Cost effective
- · Up to 5000 hours of use
- · Creates heat and light sources



Used for calf and lamb hot boxes for warming and drying newborns

#### Lamp Holder Assembly

Size / Colour / Unit	SKU
Each	215631

Efficient Aluminum Brooder Heat Lamp with On/Off switch, dual power levels, and ventilation for extended service life. 5m NZ plug lead included. 21cm reflector.

- Wire Cage for increased safety
- Suspension chain
- · Ventilation holes for better air circulation



#### **Scissors Tail Trimming Shoof**

Size / Colour / Unit	
Each	

SKU 205606

Comfortable heavy-duty scissors with ABS plastic handles and stainless steel blades. Ideal for animal grooming with serrated blades and 24cm length.

- Large heavy-duty tail trimming scissors
- Serrated blade reduces blade slippage
- · Big ABS plastic handle for user comfort







#### **Castration Ring Appl Plastic Kit**

Size / Colour / Unit	SKU
Each	207416

Equip your small-block farm with our plastic rubber ring applicator and 30 castration rings.

- Ideal starter kit for the small-block farmer
- · Good quality plastic docking ring applicator
- One-handed operation with non-slip prongs



**Calf Rearing** 

#### **Castration Ring Applicator Farmhand**

Size / Colour / Unit	SKU
Each	201106

High-quality rubber ring applicator at a low price, ensuring good service. Smooth and easy operation with 50mm/40mm x 30mm (sides) pin openings.

- · Quality rubber ring applicator
- · Smooth and easy operation
- · One handed operation with non-slip prongs



#### **Rubber Rings**

Size / Colour / Unit	SKU
Blue 100 Box	222203
Orange 100 Box	222204
Blue 500 Box	222205
Orange 500 Box	222206

Farmhand Rubber Rings Quality latex rubber rings manufactured for bloodless lamb docking and livestock castration. Four-way stretch for maximum opening, reliable, and quality checked. Blue and orange colors available. Available in boxes or 100 & 500 or buckets of 2000 or 5000.

- Use for young livestock castration & lamb docking
- Four-way stretch for max opening (returns to size)
- Quality checked for tensile strength







## **Calf Enrichment**

Calves are naturally curious and social animals and are motivated to explore their environment. Toys can reduce stress and boredom, as well as reduce the risk of cross-suckling. Toys promote interaction with each other whilst getting used to the pen, and can help grow healthier calves which become more productive cows. Calves have a need to rub and scratch. Scratch mats and brushes can not only protect your infrastructure but may relieve boredom, random biting and fighting and combat itching and pests.

Ensure that you keep enrichment toys to one pen - don't move between pens, and ensure they are not accessible between pens.

Improving their living conditions and reducing stress levels will help calves reach their optimal weight sooner and they will be happier when in a group.



#### Youtube resources - @shoofinternational



#### Scratch Brush Multi-use Kerbl

Size / Colour / Unit	SKU
Each	223206

Discover relief with HappyCow's ltch-Relief Semi-Circular Brush. Gentle, versatile, and designed for diverse animals, it offers effective itching relief without hair pulling. Mount it on walls, corners, stables, posts or anywhere you can think of.

- · Versatile mounting options
- · Ideal for head and throat
- · Can be used by all farm animals
- Redirects destructive scratching





www.shoofint.com

#### Scratch Pad Rubber Kerbl

Size / Colour / Unit	SKU
Each	224583

Textured rubber mat with raised cones for animal scratching. Can be wall-mounted or tied to a rail. Indoor/outdoor use. 9 mounting holes. 2.1kg. 40x60cm.

SKU

- · Soft natural rubber cones for safe rubbing
- · Relieve boredom and itches
- · Mount on walls, posts, corners, trees

#### **Toy Hayball Blue**

Size / Colour / Unit	SKU
Each	222270

The Horse Hayball playfully promotes fun and slow roughage intake, whilst relieving boredom and stress

- · Playfully promotes fun and slow roughage intake
- · Durable UV-resistant plastic
- A useful aid for relieving boredom or stress
- · 19 individual food openings

#### **Ball Toy Scented Green Apple**

Size / Colour / Unit	SKU
Each	215576

Toys encourage play, relieving stress and boredom. Getting your horse or calves to move also simulates the digestive tract and leads to improved digestion and health, apple scented.

- · A useful aid for relieving boredom or stress
- Scented
- · Encourages movement for well-being



#### **Teething Ring Pig/Calf BiteStar**

Size / Colour / Unit	SKU
Each	224593

A reliable and cost-effective form of environmental enrichment that sustains the interest of the animal and reduces harmful behaviours.

- Enrich your animals life
- · Natural rubber for durable and safe play
- · Sustained animal interest







#### We make caring for animals easier.

## Shoof is a leading supplier of quality animal equipment products. We source, assemble, and manufacture a wide range of products that meet the needs of people who look after animals.

Founded in 1973, Shoof International has developed a deep understanding and knowledge of the farming and veterinary industries. Shoof has established itself as a trusted partner with a diversified range of customers and suppliers throughout the world.

Shoof has wholly-owned businesses across core Southern Hemisphere markets - New Zealand, Australia and Chile and services export markets through distributor partners.

