



Est. 1911
DAVIESWAY
IDEAS TO FARM. EVERYDAY.



Est. 1960
DASCO
HYGIENE • HEALTH • NUTRITION

YOUR COMPLETE CALF REARING RANGE



NEW



**"There is no point in doing something,
if you're not going to do it well,"**

– Kerrie McKenna, Beechworth Wagyu, (pictured right
with Daviesway's calf rearing specialist Cindy Lucas).

PROBIOTICS, ELECTROLYTES & MINERAL SUPPLEMENTS

MADE FROM
REAL
DRIED BOVINE
COLOSTRUM



KWIK START

Suitable for use as a colostrum replacement, or colostrum booster.

- Mix powder with warm water, then add to colostrum, or feed as is
- Can be used for calves, lambs, foals, kids, piglets and other new born animals

40x

Stronger than competing products



BIOBOOST

Multi-strain encapsulated probiotic paste, also contains yeast.

- Use for sick or stressed calves.
- 300g requires an applicator



NUTRA-KEL

Dasco Nutra-Kel is a 35% pure kelp-based liquid vitamin and mineral supplement.

- Use during sickness and/or recovery, and to restore valuable nutrients during and after climate challenges, or other stress events.
- Can be added into milk or water, or fed as an oral tonic (using a drench gun or syringe)



BIOCALF (including shaker)

High dosage probiotic powder designed to be added to whole milk and milk powder.

- Contains probiotics, yeast and a yucca extract to help protect against coccidiosis



SUPERCALF

- High-strength probiotic powder additive with advanced vitamins and minerals
- Contains Yucca extract as a natural preventative against coccidiosis
- Contains Actigen, a prebiotic and binds salmonella and e. coli pathogens

ELECTRO-G

Ideal for a supportive treatment option for sick, dehydrated or stressed calves.

- Highly palatable, rapidly absorbed, immediate energy source, corrects dehydration and metabolic acidosis, and replaces vital electrolyte salts
- **BONUS FEATURE:** Does not contain Sodium Bicarbonate, so can be offered immediately before or after a milk feed – suitable for calves still on cows



ZERO BI-CARB
CAN BE IMMEDIATELY FED
BEFORE/AFTER MILK

PRONTO

For use as a rehydration treatment, or as a preventative pre-hydration treatment.

- Contains Bi-Carb as a buffer to reduce GI acid levels, and dextrose for energy
- Also contains Vitamin C

* Wait 2-3 hours before offering Pronto after feeding milk.



CALF-SAFE COMPLETES SANITISING RANGE

Daviesway DASCO's calf-rearing specialist Cindy Lucas is excited to see powerful organic disinfectant Calf-Safe included in the 2022 calf-rearing range.

Calf-Safe is an Australian-made biocide derived from 100% botanical extract. It is rated up to the strength of a hospital-grade disinfectant – standing alone as a safe and powerful germ killer.

Cindy runs "Calm Calf Contract Calf Rearing" on the Mudgegonga property (near Myrtleford in northern Victoria) she shares with her partner, Trevor Smith. She used to rear up to 500 calves annually, although these days the numbers are much smaller.

"When I was rearing those contract-reared calves, they were brought in from up to seven different dairies every season," Cindy said. "So, I have been exposed to many different calf-health challenges along the way."

She believes Calf-Safe helped shield her operation from disease outbreaks. She also believes that Calf-Safe is an important addition to the safe and meaningful range of antibacterial sanitiser/disinfectants Daviesway DASCO has long been committed to.

Calf-Safe works using a process of cell-wall intrusion, complexation of key cations and the disruption of protein functioning – which adversely affects cellular organisms such as bacteria, fungi and moulds, and non-cellular organisms like viruses.

"I not only spray Calf-Safe on all my calf feeders before I start feeding, I spray them as I move between pens when I'm feeding the different groups every day," Cindy said.

"Perhaps once a week, I spray the walls, and that is about maintaining general hygiene. I'm sure that it has kept pathogens at a manageable level in my calf shed and played a big part in why I haven't had the same sort of disease pressures in my calves as other calf rearers have been exposed to."

She said Calf-Safe has a pleasant citrus-based smell, and, because it's safe, she can use it without removing calves from the pen. To that end, she doesn't hesitate to spray it on them either.

"It is totally harmless to the calves, so I also spray it on any scouring calves' butts, because it does stop them from re-infecting themselves when they lick themselves," Cindy said.

It also removes odour in the calf shed, while killing bugs.

Cindy notes that it completes a full circle of definitive, organic, sanitising products at Daviesway DASCO, which includes Germidet, Calf-Klenz and Stalosan® F.

CALF PEN HYGIENE BEST PRACTICE

Calf-Safe – 100% organic, non-rinse disinfectant for calf-pen set-up and daily sanitising.

"Calf-Safe is already in a liquid form and can be diluted readily. It's just so easy to use from your spray bottle – whatever size you're using – to spray walls, feeders, everything really," Cindy said.

"It smells nice, and it has a non-rinse residue, so it continues to have an impact after you stop spraying."



Stalosan® F – Powerful organic powder for sanitising and drying bedding, with a low natural pH (below 4) that binds more than 70% ammonia and destroys/controls pathogens. Also ideal for sanitising boots between pens.

She recommends using Stalosan® F and Calf-Safe in unison for bedding and hard surfaces in the calf shed for other day-to-day sanitising. Both can be used while calves are in the pen, but they are both also an effective post or pre-season clean.

Cindy's current shed hygiene set-up regime between calf groups includes:

- Remove old bedding from the calves' sleeping area.
- Handwash solid walls, hay and grain feeders with Germidet (see right).
- Dust Stalosan® F on the floor (spread at 50g/m2 under bedding, using a hand-held kitchen sieve to sprinkle lightly). **Note:** Apply Stalosan® F weekly (and safely spot-treat bedding) for maintenance. It can be safely applied on the top of bedding.
- Maintain bedding depth at 15cm.
- Spray all the walls, feeders (including misting the whole pen area) with Calf-Safe.



DETERGENT AND GERMICIDAL DISINFECTANT

Calf-Klenz – Liquid alkaline detergent that comes with some welcome advantages for calf rearers, including effective cleaning at hand-washing temperatures, in addition to being biodegradable and residue safe.




Germidet is a cost-effective (non-corrosive and biodegradable) disinfectant that is as versatile cleaning animal housing as it is being used as a general farm disinfectant. It makes it as ideal for washing calf coats as it is for giving calf feeders a once-a-week germicidal wash-down.



For more information, don't hesitate to:
Call: Cindy Lucas
 on 0427 192 421 or
 email: cindy.lucas@daviesway.com.au



These three-to-four-month-old F1 Wagyu-Holstein calves are averaging more than 1kg of daily weight-gain post-weaning.



L-R: Terry, Darren and Kerrie McKenna leaned on Daviesway's calf rearing specialist Cindy Lucas' (right) experience when they established their F1 facility.



ANIMALS ARE LIKE 'LITTLE PEOPLE'

*Hand-raised on
"Powerful Probiotics"*


Hand-raising F1 Wagyu-Holstein calves for the first time without losing a life is hard enough. Doing it when you're a self-confessed "accidental farmer" takes the result to a whole new level.

Beechworth Wagyu, owned by Terry and Iris McKenna in the picturesque north-east of Victoria, is surrounded by vineyards and other export-quality food producers. The McKennas are joined in the business by their children, Darren, Kerrie, Jenny, and Jenny's son, Jack.

The family's primary business is grounded in manufacturing. They own an animal protein-converter rendering plant, which processes animal waste into meat meal for feedstock and tallow for producing biodiesel. They bought the land adjoining their manufacturing business and, to make full use of it, established a beef herd.

They started with Angus, before discovering the Wagyu in 2016 when they fell deeply in love with the breed. That was the start of a plan to build to 200 head of registered, full-blood Wagyu breeding cows, whose calves would be finished in their feedlot for export.

Beechworth Wagyu is now spread over three properties. The main farm is 73 hectares (180 acres), complemented by 86ha (212 acres) 10km away. Darren, who also owns 162ha (400 acres), manages the feedlot.



Beechworth Wagyu is spread over three properties that cover 321ha at Beechworth. It includes an animal protein-converter rendering plant, a feedlot, cropping and the family's calf-rearing facility.

Their foundation Wagyu have been bred using the best genetics available from Peppermill Grove (Frank and Tina Whitford, Benalla, Vic) and Samaria Valley Wagyu (Lynette Chambers and David Nash, in the Samaria Valley near Benalla).

Terry says everything they do comes down to detail.

Beechworth Wagyu has consistently delivered the highest levels of marbling possible with an average hook weight of 450kg [the best marble rating available in an Australian full-blood Wagyu is 9+].

However, that is not the sole reason they work hard to make their animals' lives comfortable. This is a family firmly focussed on animal welfare, and they take significant pride in caring for their stock.

WAGYU AND F1 CROSS CO-EXIST



Vision and detail underpin Terry McKenna's ethos.

In 2020, Terry started to consider the possibility of hand-raising a faster-finishing F1 (Wagyu x Holstein) animal alongside the family's full-blood Wagyu herd, to complement the business and to add cashflow.

"We understand manufacturing and compliance," Terry said. "I don't re-invent the wheel; I find out who's doing the best job and tap into their knowledge so we can learn from the best."

He had seen the F1 Wagyu cattle with high levels of marbling when he was in Japan

"With the F1, you've really got to produce a top article, and I thought if we could do that, it would be quite a good financial investment."



Kerrie McKenna says her F1 Wagyu-Holstein cross calves have been fun to rear.

F1 CONNECTIONS

The McKennas contacted a dairy farmer at Tatura and used 100 straws from one of their Wagyu sires, Kin Tama Junior (a Itoshigenami JNR son), over a portion of the dairy farmer's Holsteins.

None of the family had hand-raised significant numbers of calves before.

Kerrie, who loves caring for cattle, said they overcame their doubt and nerves by turning to Daviesway's calf-rearing specialist Cindy Lucas. They had to establish their calf-rearing facility and their protocols from scratch.

"There is no point in doing something, if you're not going to do it well," Kerrie says.

"We all visited Cindy's operation before we dived in. If we didn't have Cindy in the first place, we wouldn't have done it. She gave us the confidence through sharing her experience to really take that step and go forward."

The resulting calves – 41 head – joined the freshly appointed calf-rearing system at Beechworth Wagyu shortly after they were born.

THEY LOST NO CALVES.

"It would have been terrifying on our own," Kerrie said. "Cindy was absolutely pivotal for us to be successful in this first experiment. She was always available when I had any problems. She'd spend time with me on the phone. She popped over every few weeks while we were still developing the pens."

"Dad was thinking before he met Cindy that he wasn't sure if he was making the right decision – in terms of adding to our overall workload – but it ran well."

DAVIESWAY SUPPORT CRITICAL

Terry agreed that Cindy had been instrumental for them.

"She was absolutely fantastic. I think part of the reason it was so successful is that we are meticulous anyway and we understand measurement and compliance. But the outcome was also based on the knowledge Cindy shared with us."

"We followed what she said to the letter. The result was there – we lost no calves. Now that we've done it, we may make some tweaks for next season."

"It's definitely something you've got to be committed to and you've got to love the animals. Kerrie is very focussed on animal health and well-being, and she was very quickly onto anything that looked a little sick."



L-R: Kerrie McKenna and Daviesway's Cindy Lucas are gearing up for a second intake.



TWO STAND-OUT PRODUCTS

Kerrie says within Daviesway's extensive calf-rearing range, BioBoost and Electro-G, have been the stand-out products for her.

BioBoost is an oral probiotic treatment paste, which is valuable for sick or stressed animals. Research confirms that supplementing the rumen with probiotics in the right strengths accelerates calf growth: it directly stimulates rumen development and reduces the need for antibiotic intervention. BioBoost also includes extreme levels of good bacteria, yeast rumen pH stabiliser, and vitamin E (for energy).

Electro-G is a highly palatable, rapidly absorbed electrolyte that gives an immediate energy source, corrects dehydration, metabolic acidosis and replaces vital electrolyte salts. Because it doesn't contain sodium bicarbonate like most electrolytes, it steps into its own in that it can be offered immediately before or after feeding milk. This makes it equally appropriate for calves that are being reared by cows.

"I wasn't aware of these products before. They are amazing," Kerrie said.

"We are now absolutely committed to using BioBoost and Electro-G across our whole operation, including the full-blood Wagyu."

"When you're looking at the calves every day you can tell pretty quickly who is in trouble and who's not, and the beauty of BioBoost and Electro-G is that they are quick and safe interventions which make a massive difference."

For more information, don't hesitate to: Call: Cindy Lucas on 0427 192 421 or email: cindy.lucas@daviesway.com.au



A clever addition to the pens included a lower half-gate at the front for easy pen access.



Indoor-outdoor living with protection from any drafts gave the growing calves space and comfort.

STALOSAN F is a powerful organic powder for sanitising and drying bedding. It can be also used for spot-treatments with the calves in the pen.

POST-WEANING

The hand-rearing calf programme also included a daily dose of BioCalf probiotic powder in the calf milk replacer. The pens were cleaned every day, and the McKennas spread Stalosan® F once a week. Stalosan F is a powerful organic powder for sanitising and drying bedding which has a low natural pH (below 4) that binds more than 70% ammonia and destroys/controls pathogens.

"While the calves were on milk it was intense, because we still had our other jobs to do across the rest of the operation," Kerrie said.

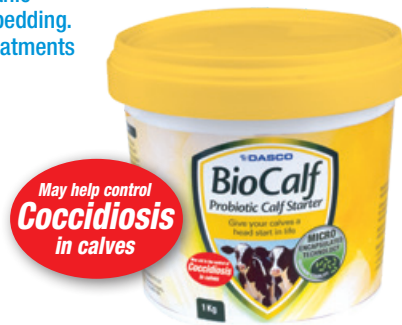
"But we enjoyed it to be honest. It was simpler once they were weaned. There is still work to be done of course, but the F1 calves are independently feeding themselves on a mixture of hay, silage and pellets, with full access to salt and lime – all the things we also give our full-blood Wagyu."

"Most of the F1 calves are putting on more than 1kg of average daily weight gain. I'm pretty pleased. They aren't in the feedlot yet. They are still in a paddock and they have access to the sheds, which is undercover and protected. They choose where they want to be."

CALF-REARING PRODUCTS HELPING COWS AND CALVES

Kerrie says Cindy's suggestions had also been useful for their full-blood Wagyu calves, which can be challenging to rear if they scour – even on cows. Although she says the breed's exceptional temperament makes it easier to help them, and she has no problem pulling a full-blood cow and her calf into the hospital pen to treat the calf if she feels it's necessary.

Electro-G has made that decision much easier, because if the calf has drunk milk from its dam, it can have electrolytes immediately (without having to wait the obligatory two to three hours between feeding milk like most other electrolytes on the market).



"It's critical that we are prepared to bring cows in if there is a problem, and that's why our survival rate across the whole operation is so good," Kerrie said. "We don't let animals die in the paddock. It's not who we are."

"All the animals here are like little people to us. The full-blood Wagyu's are very special. They are so sweet to deal with and people-like."

"If I'm taking a Wagyu cow to the hospital pen, I'll always take another one to keep her company because they are very social. They are just wonderful to work with."

ONGOING CROSS-BREEDING FOR FINISHING

This year the McKennas have doubled their F1 commitment by sending more than 200 straws of their best Wagyu sire to their partnered dairy farmer. If the markets remain stable, their goal is to ultimately

finish 400 animals annually for export (200 full-blood Wagyu and 200 F1 animals).

Terry said the F1 side of the business is shaping up as a potentially exciting business.

"At the start we did it to fill in the gaps while we're getting our full-blood numbers up through the feedlot, but I think if we can produce a fairly good article, it may be something we do permanently."

"Based on what the market is doing now, it looks like we've ticked the right box in doing this."

"But, it's a journey, and it takes time."

SUCCESS SWEET TO WATCH

Cindy says one of the high points of her job is watching her customers succeed.

"They have done a really great job in rearing the calves, and the best thing is that they have enjoyed it and that they are looking forward to the next lot of calves and improving little things," Cindy said.

"It is so rewarding working with people who put in so much effort and achieve a successful outcome."



Kerrie McKenna loves her calves, so caring for them is second nature to her.

FEEDING EQUIPMENT

MINI MIXER TANKER

Compact and easy to use the mobile MT250 is real time saver. With a 12-volt dispensing pump for feeding and a 240-volt mixing pump, the MT250 can mix 250 litres of milk replacer in 5-7 minutes – suitable for 80-100 calves.

BONUS FEATURE:

You will love the tank's self-cleaning feature.

MT250 – single axle (250L tank)

1090H x 765W x 1520L

NEW

Self-cleaning, self-mixing and self-distributing mobile feeder



FEEDERS (COMPARTMENT & NON-COMPARTMENT)

Complete range of sizes available, thoroughly tested and proven to effectively feed calves from day one through to weaning.

5-LITRE
COMPARTMENTS



NEW

290H x 320W x 800L

5X5-LITRE COMPARTMENT MILK FEEDER

This new-generation 5x5-litre compartment feeder. Traditional feeders historically include the 2-litre individual compartments, with the rest of the feeder capacity being shared between all the calves.

It favours the stronger calves who take more of the additional overflow milk than the slower drinkers.

This 5x5-litre feeder gives dedicated calf rearers a new level of confidence – because every calf gets its full feed – regardless of how fast it drinks it.



NON-COMPARTMENT 20 TEAT FEEDER
160L – 940H x 1120D

CALF KLENZ LIQUID ALKALINE DETERGENT

Specifically formulated to clean the toughest grime from calf trailers, calf buckets and calf feeders.

NEW



TANKER MIXER FEEDER

CARRIES UP TO 1000L



SIZES AVAILABLE
50, 60, 70 & 80 TEAT
TANDEM AXLE

OPEN TROUGH MIXER TANKER FEEDER

50 teat (only)
1000L tank



The open-trough design allows farmers to see what's being fed, in addition to easy access for quicker and more thorough cleaning.

OPEN TROUGH FEEDER



SIZES AVAILABLE

- 50 TEAT / 500L TANK
- 50 TEAT / 1000L TANK
- 60 TEAT / 1000L TANK

MOBILE GRAVITY FEEDER



SIZES AVAILABLE

- 26 TEAT / 250L TANK
- 40 TEAT / 500L TANK
- 50 TEAT / 500L & 1000L TANK
- 60 TEAT / 500L & 1000L TANK
- 80 TEAT / 1000L TANK

COLOSTRUM PASTEURISER

TRUSTI PASTEUR

Easy, accurate & affordable colostrum pasteuriser



- Large easy-fill spout
- Efficient storage – 4L colostrum bags freeze flat



Thaw 2 x 4-litre colostrum bags
in 20 minutes

TRUSTI TUBER

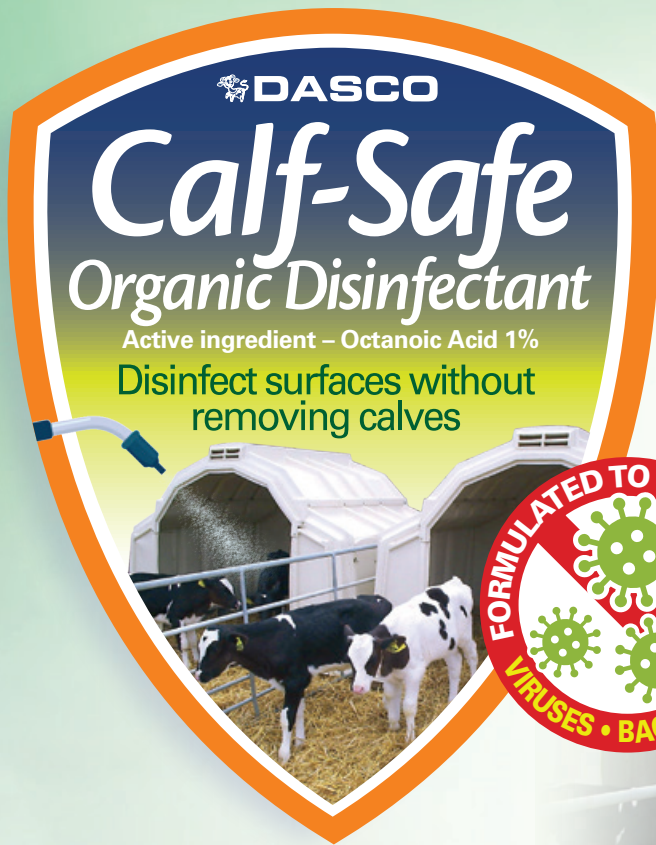
Quality tube feeder for calves.

Comes with a Peach teat cap for easy transition between teat and tuber.



Stopper position & calf weight safety guide

Australian first



Non-rinse organic disinfectant – safe to use without shifting calves



- Safe to use with calves in the pen
- Pleasant citrus smell
- Effective on all surfaces
- NASAA-certified input for organic production
- Biodegradable and residue-free
- Successful against a broad range of pathogens
- 5-year shelf life, if stored at room temperature & out of sunlight
- Available in 1 & 5-litre containers

For best disinfectant results, always remove dirt, soil and grime with water first.

DILUTION RATES:

- To make **Food Grade Sanitiser**
– Dilute 5mls per 1 litre water
- For **Regular Pen Hygiene**
– Dilute 20mls per 1 litre water
- For **Viricidal Treatment**
– Dilute 60mls per 1 litre water

ACTIVE INGREDIENT:

Octanoic Acid 1%

RECOMMENDED CONTACT TIME:

10 minutes for disinfection



NASAA
**CERTIFIED
ORGANIC**
Cert. No.
3071M



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