



A practical guide to evaluating, comparing and investing
in the right off-paddock system for your farm.

Off-Paddock Systems Comparison

8

SYSTEMS

50+

YEAR BUILD LIFESPAN

\$1.2k

STARTING COST / COW

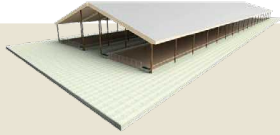
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0800 686 119

Contact Milan
021 571 203



Future-proof your farm

	MONO PITCH COMPOSTING BARN	CENTRE LANE COMPOSTING BARN	CENTRE POLE COMPOSTING BARN	FREE STALL BARN
				
COST PER COW 	\$1,200 – \$1,500	\$2,500 – \$3,000	\$2,200 – \$2,800	\$5,000 – \$7,500
PER 500 COW HERD 	\$600k – \$750k	\$1.2m – \$1.5m	\$1.1m – \$1.4m	\$2.5m – \$3.75m
M ² PER COW 	4.5 – 6m ²	8 – 10m ²	8 – 10m ²	2 – 5m ²
SURFACE / MATERIAL 	Woodchips Or Sawdust	Woodchips Or Sawdust	Woodchips Or Sawdust	Specialist Rubber Animal Beds
EQUIPMENT 	Feed Out / Mixer Wagon, Tractor + Ripper	Feed Out / Mixer Wagon, Tractor + Ripper	Feed Out / Mixer Wagon, Tractor + Ripper	Feed Out / Mixer Wagon
LOAFING TIME 	1–12 Weeks	1–12 Weeks	1–12 Weeks	365 Days
CLEANING SYSTEM 	Weekly Tilling Of The Bedding	Daily Tilling Of Bedding	Daily Tilling Of Bedding	Auto Scraper Or Flood Wash
CLEANING TIME 	10min–1hr Daily	10min–1hr Daily	10min–1hr Daily	10min Daily
PROS 	Hybrid system for short-term stand-off and feedpad upgrades.	Feeds double the cows wintered, acting as a stand-off and feedpad.	Good loafing space. Ability to use as feedpad	High production. No daily composting maintenance
CONS 	Low m ² per cow— careful management required	Higher investment — larger footprint & more concrete on centre lane	Limited feed faces (2 outside). Restraint on cows feeding	Significant machinery & farm technology investment

**See it for yourself.
No strings attached.**

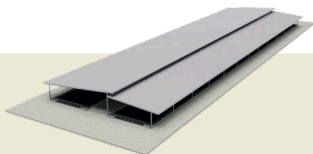
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OFF-Paddock SYSTEMS COMPARISON & INVESTMENT GUIDE



COVERED LOAFING PAD



\$2,000 - \$3,000

\$1m - \$1.5m

3.5 - 6m²

Rubber Matting Options

Feed Out / Mixer Wagon

1-8 Weeks

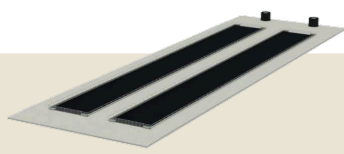
Flood Wash System

5min Daily

Year-round weather & heat protection. Most robust system

Higher capital investment

UNCOVERED LOAFING PAD



\$1,200 - \$1,500

\$600k - \$750k

3.5 - 6m²

Rubber Matting Options

Feed Out / Mixer Wagon

1-8 Weeks

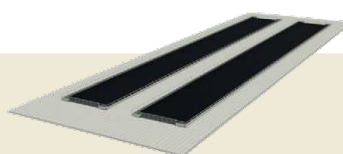
Flood Wash System

5min Daily

All feedpad benefits. Winter capability. Flood wash = low maintenance

Higher upfront vs similar systems. Additional effluent storage needed

UNCOVERED FEEDPAD



\$1,200 - \$1,500

\$600k - \$750k

3.5 - 5m²

Rubber Matting Options

Feed Out / Mixer Wagon. Scraper (If Req.)

1-5 Days

Manual Scraping Or Flood Wash

0.5-1hr Daily (Scrape) Or 5min (Flood)

Low input. Pasture protection & feed utilisation

No heat protection. Increases effluent capacity pressure

CENTRE POLE FEEDPAD



\$2,500 - \$3,000

\$1.2m - \$1.5m

3.5 - 6m²

Rubber Matting Options

Feed Out / Mixer Wagon

1-12 Weeks

Flood Wash System

5min Daily

All Feedpad Benefits. Winter Capability. Flood Wash = Low Maintenance

Higher Upfront Vs Similar Systems. Additional Effluent Storage Needed

Come and walk a farm running Numat's off paddock systems.
Straight talk, real numbers, no pressure.

Call or Text
021 571 203

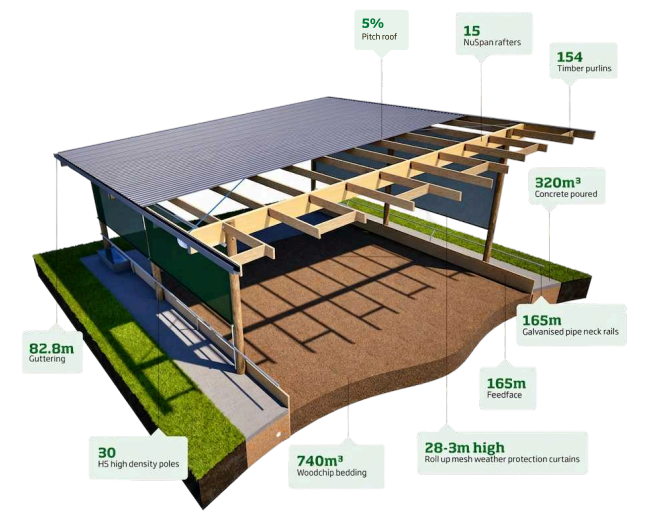
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Mono Pitch Composting Barn

Full Kitset available
250 cows
\$225k +GST

Cost-effective system that works as both as short term stand off, calving barn and feedpad. Ideal for small-to-medium herds looking for a **low investment** short-term standoff option, giving protection during weather bombs, without the commitment of a full wintering barn. Still provides options for **high-pressure parts of the year.** The lower m² per cow demands disciplined management of the composting bed.



COST PER COW	500-COW BUILD	LOAFING TIME
\$1,200- \$1,500	\$600- \$750k	1-12 weeks

m ² per cow	4.5-6 m ²
Surface	Woodchips / sawdust
Cleaning	Daily tilling
Clean time	15 min - 1 hr
Equipment	Mixer + tractor + ripper

Cost-effective dual-use system. Works as calving barn and feedpad. Good entry option for smaller-medium herds.

Creaming It Farm

Carterton, Wellington



A hybrid composting barn for 250 cows on Willie and Sally Bosch's farm. First-season wins: **30% less pasture damage**, milk solids up from about **1.9 to just over 2.0 per cow**, and they haven't picked up a mastitis cow since mid-August.



Come and see it working. Then decide.

Call Milan on 021 571 203
to plan your farm visit.

Centre Lane Composting Barn

Feed the **whole herd year-round** and winter half of them under one roof. The centre lane maximises feeding throughput and protects feed during weather events to **reduce wastage**. Designed with operational efficiency in mind – split the barn into four to run calving, springers, and milker mobs all at once.



COST PER COW

**\$2,500 -
\$3,000**

500-COW BUILD

**\$1.2-
\$1.5m**

LOAFING TIME

**1-12
weeks**

m² per cow 8-10 m²

Surface Woodchips / sawdust

Cleaning Daily tilling

Clean time 20-30 mins

Equipment Mixer + tractor + ripper

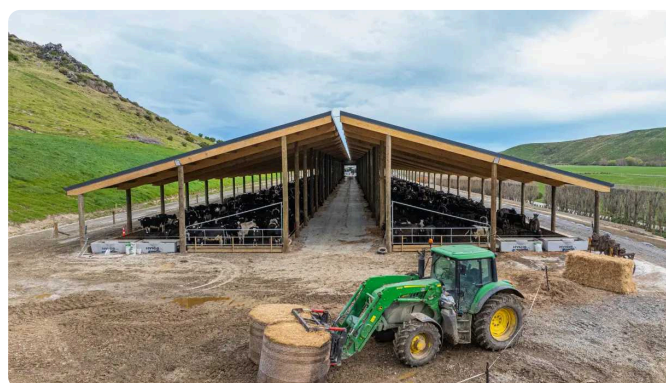
Optimal loafing and feeding space. Centre feed lane protects feed from weather exposure. Suited to exposed farm locations.

Willesden Farms

Kaituna Valley, Canterbury

"The barn unlocks the ability for us to have a better financial return"

Matt & Tyler



A 300-hectare dairy conversion centred on a **31m × 185m NuSpan laminated-timber composting barn**. The barn winters **550-650 non-milking cows** and is designed to shelter **up to 800 -900 cows** during adverse weather. Pays back in five years.

SCAN TO
WATCH
THE STORY



Come and see it working. Then decide.

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Centre Pole Composting Barn



Cost-effective complete wintering. Reverse-engineered for minimal poles and easy bedding-pack maintenance.



Designed to **winter and feed all animals** at the same time - ideal for those wanting the most cost-effective complete wintering solution. The barn is **reverse-engineered** with the most cost-efficient beam length and minimal poles, making maintenance of the bedding pack easier without having to work around obstacles.

COST PER COW	500-COW BUILD	LOAFING TIME
\$2,200-\$2,800	\$1.1-\$1.4m	1-12 weeks

m² per cow	8-10 m²
Surface	Woodchips / sawdust
Cleaning	Daily tilling
Clean time	20 min - 1 hr
Equipment	Mixer + tractor + ripper

Free Stall Barn

These premium barns provide individual spaces for cows to lie down, ensuring personalized comfort and protection from the elements.

COST PER COW	500-COW BUILD	LOAFING TIME
\$5,000-\$7,500	\$2.5-\$3.75m	365 days

m² per cow	2-5 m²
Surface	Specialist rubber beds
Cleaning	Auto scraper / flood
Clean time	10 min daily
Equipment	Mixer wagon



365-day housing capability. High production system. Automatic scraper minimises daily labour. No composting bedding management.





Covered Loafing Pad

Year-round shelter from rain, frost, and summer heat. The roof transforms the pad from a wintering tool into **a year-round** shelter that performs through summer heat as well. The most robust pad-based housing we build – substantial cow comfort gains over uncovered, with the same flood-wash simplicity.



COST PER COW	500-COW BUILD	LOAFING TIME
\$2,000- \$3,000	\$1- \$1.5m	1-8 weeks

m ² per cow	3.5-6 m ²
Surface	Rubber matting
Cleaning	Flood wash
Clean time	5 min daily
Equipment	Mixer wagon

Full year-round weather and heat protection. Most robust loafing system available. Flood wash for minimal daily maintenance.

Jersey Girl Farm

Winton, Southland



"The cows are dry all winter. They're as happy as Larry."

Leanne & Jason



Jersey Girl Farm upgraded with a Numat-built feed / wintering pad surface. Each barn is **wide** and gets flushed with **60,000 litres of greenwash water in under five minutes**



Come and see it working. Then decide.

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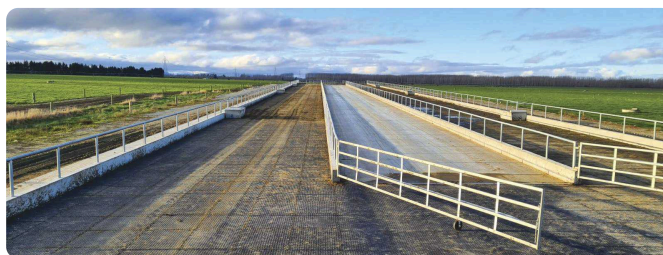
Uncovered Loafing Pad

Designed for short-term stand-off of 1-5 days, with minimal ongoing costs. Relatively low input. Pasture protection and increased feed utilisation without requiring a substantial capital outlay or daily maintenance burden.

COST PER COW	500-COW BUILD	LOAFING TIME
\$1,200- \$1,500	\$600- \$750k	1-8 weeks
m ² per cow	3.5-6 m ²	
Surface	Rubber matting	
Cleaning	Flood wash	
Clean time	5 min daily	
Equipment	Mixer wagon	



Extended loafing capability up to 8 weeks. Flood wash system minimises daily labour input. Winter cow capability.



Centre Pole Feedpad

A high-output feeding system with four feed faces, **rubber mats**, and a timber roof. An economical design built for short- to medium-term standoff. This is a way to feed a large number of the herd at once while easing pressure on pasture and the effluent system during high-risk periods.

COST PER COW	500-COW BUILD	LOAFING TIME
\$2,500 - \$3,000	\$1.2- \$1.5m	365 days
m ² per cow	2-5 m ²	
Surface	Specialist rubber beds	
Cleaning	Auto scraper / flood	
Clean time	10 min daily	
Equipment	Mixer wagon	



3-10 day standoff capability. High-volume feeding across four faces. Can be scraped or flood-washed, with the option to future-proof for flood wash down the track.



Milan





Uncovered Feedpad

A simple, bulletproof system designed for short-term stand-off of **1-5 days** during severe weather events. With **minimal ongoing costs** and low maintenance, just flood-wash or scrape, it delivers better feed utilisation at a relatively low investment. A straightforward way to take control of the unknowns and get peace of mind when the weather turns, without the complexity or upkeep of other systems



COST PER COW	500-COW BUILD	LOAFING TIME
\$1,200- \$1,500	\$600- \$750k	1-5 days

m² per cow	3.5-5 m²
Surface	Rubber matting
Cleaning	Manual / flood wash
Clean time	0.5-1 hr / 5 min
Equipment	Mixer wagon + scraper

Low input with minimal ongoing costs. Protects pasture during wet periods. Improves feed utilisation efficiency.

Borrie's Feed Pad

Lower Waitaki Plains, North Otago



The Borries identified features they liked and aspects they wished to avoid in their own design. The rubber matting had a higher upfront cost but promised longevity and cost-effectiveness in the long run.

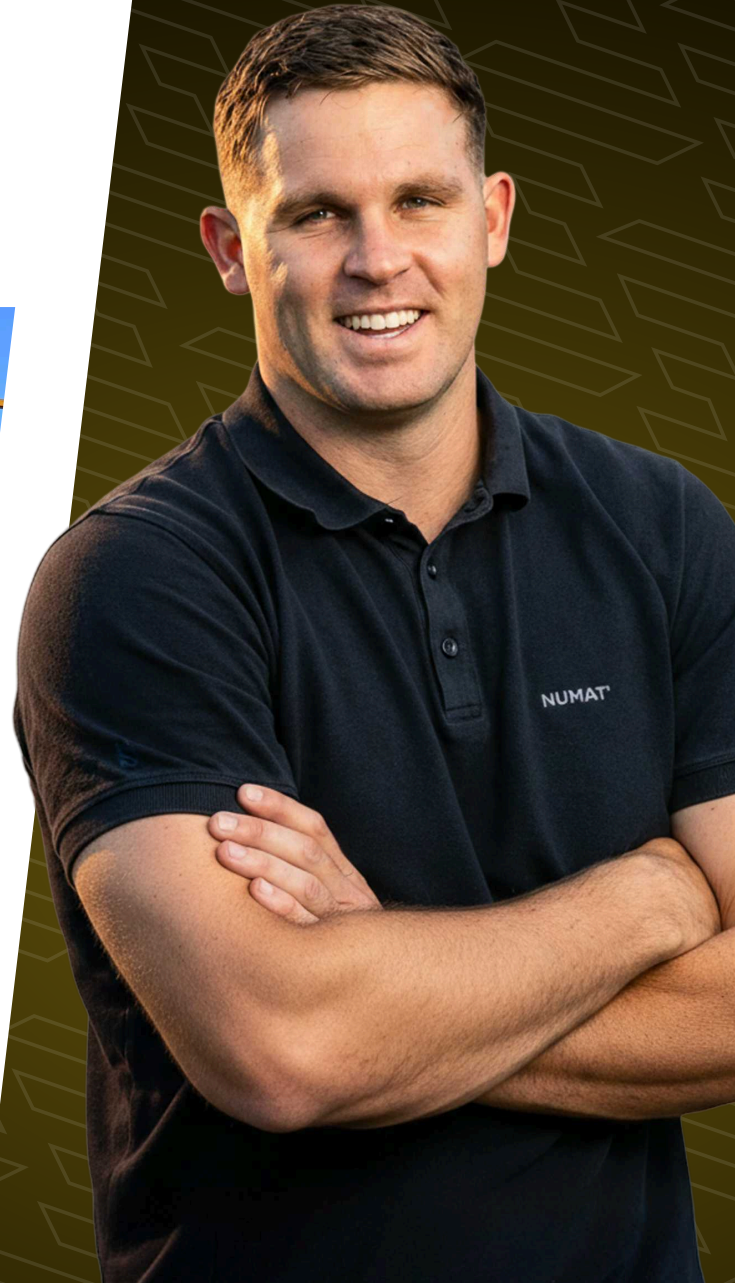


Come and see it working. Then decide.

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Built around your farm

No two farms are the same. Numat designs every solution with the farmer, around the land, the stock, and the goals.



Flexible by design

Kitset supply through to full turnkey, or anything in between. Work with your own builder, or let us handle it all.



One contact throughout

You'll always know who to call, with one dedicated contact guiding your project.



Outcomes we never compromise on

Efficiency, ROI, welfare, impact, and durability are benchmarks for projects.



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Milan Renton
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No waiting.



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Let's price it right

Built around your farm. Every project is different, and we treat it that way.

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